

Costco Fuel Center Project

Draft Environmental Impact Report

prepared by

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Executive Summary

This document is an Environmental Impact Report (EIR) analyzing the environmental effects of the proposed Costco Fuel Center Project (proposed project). This section summarizes the characteristics of the proposed project, alternatives to the proposed project, and the environmental impacts and mitigation measures associated with the proposed project.

Project Synopsis

Project Applicant

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Project Description

This EIR has been prepared to examine the potential environmental effects of the Costco Fuel Center Project. The following is a summary of the full project description, which can be found in Section 2, *Project Description*.

The project entails development of a new fuel facility in place of an existing parking area adjacent to an existing Costco Wholesale store (Costco), on an approximately 1.15-acre portion of the Costco parking lot site. Costco is a membership-only store, and the proposed project would be for use by Costco members, and not open to the general public who are not members. The project includes a 10,244-square-foot fuel dispenser canopy, 14 dispensers (28 fueling positions), three 40,000-gallon gasoline underground storage tanks (UST), one 1,500-gallon additive[1] UST, an approximately 125 square-foot controller enclosure, a vapor processing unit, directional striping, and an approximately 6,086 square-foot net increase in landscaped areas. Costco's Fueling Facility Program (Appendix B) provides details on proposed safety and design features intended to provide environmental safeguards and prevent public health or hazardous materials issues. Such features include monitoring during operational hours, emergency and automatic shut-offs, video surveillance, alarm systems, leak detection systems, the use of joint sealers, an oil/water separator, double-walled tanks, anchoring straps and reinforced concrete slabs, flexible piping connections, and Phase I and II Enhanced Vapor Recovery (EVR) systems (98 and 95 percent effective, respectively).

[1] Costco uses deposit control additives, which prevent new deposits from accumulating on critical engine parts (Costco 2024).

Project design is consistent with existing Costco architecture and Vintage Oaks Design Manual, incorporating consistent materials, colors, and under-canopy lighting. Proposed signage would adhere to the Vintage Oaks Master Sign Plan, and the fuel canopy's proposed maximum height is approximately 18.5 feet. The project would reduce impervious surface area by 1,796 square feet and increase landscaped area by approximately 6,086 square feet.

The project site is zoned as Planned Development (PD) within the Vintage Oaks Precise Development Plan (PDP) zone, and has a General Plan land use designation of General Commercial (CG). The proposed project would not modify the project site's General Plan land use or zoning designations.

The project would install two bioretention areas to retain stormwater runoff. One drainage management area would connect to the existing sanitary sewer and employ an oil/water separator, while the other drainage management area would remain untreated. The project includes several permanent source control and operational source control best management practices, specified in the Stormwater Control Plan for the project.

The project would remove 129 existing parking spaces from the Costco warehouse development. Additionally, one row of 62 parking spaces and associated tree planters would be relocated two (2) feet to the northwest to allow for adequate drive aisle spacing between the parking row and fuel facility. The project would also relocate an existing driveway on Vintage Way from approximately 320 feet south to approximately 260 feet south of the existing commercial building at 208 Vintage Way. Costco would modify a segment of Vintage Way to provide a left-turn pocket providing access to the relocated driveway.

Project Objectives

- Develop a new fuel facility as an extension of the Costco Wholesale in the Vintage Oaks Shopping Center to support the fueling needs of Costco members.
- Design and construct a project in accordance with Costco's Fueling Facility Program that provides details on proposed safety and design features intended to provide environmental safeguards and prevent public health or hazardous materials issues.
- Develop a fuel facility of a design providing safe and efficient vehicle circulation (customer vehicles and fuel trucks) and minimizing customer wait and vehicle idling times.

Alternatives

As required by the California Environmental Quality Act (CEQA), this EIR examines alternatives to the proposed project. Studied alternatives include the following four alternatives. Based on the alternatives analysis, Alternative 2 was determined to be the environmentally superior alternative.

- Alternative 1: No Project
- Alternative 2: Reduced Project
- Alternative 3: Alternative Location

Alternative 1 (No Project) assumes that the proposed fuel facility would not be constructed, the existing driveway along Vintage Way would not be relocated, the lane reconfiguration on Vintage Way would not occur, and the proposed landscaping and parking lot modifications would not occur. The No Project Alternative would not involve removing 129 parking spaces and the project site

would remain a parking lot for Costco and the Vintage Oaks Shopping Center. The No Project Alternative would not fulfill any project objectives because this alternative would not include construction and operation of a new fuel facility.

Alternative 2 (Reduced Project) would involve removal of 129 parking spaces in the Costco parking lot and construction of a new fuel facility within the project site, with a reduced number of pumps (10) and fueling positions (20) as compared to the proposed project. This alternative would also involve relocation of the existing driveway along Vintage Way, reconfiguration of the lanes along Vintage Way, and proposed landscaping, the same components as the proposed project. The reduction in gasoline fueling positions would thus reduce the annual gasoline throughput of the project alternative.

This alternative would generally fulfill all three project objectives as it would involve development of a new fuel facility to support the fueling needs of local Costco members, construction of a fuel facility in accordance with Costco's Fueling Facility Program, and would develop a fuel facility of a design providing safe and efficient vehicle circulation and minimizing customer wait and vehicle idling times. However, this alternative would less effectively fulfill the first project objective compared to the proposed project as it would not meet the full demand for gasoline fueling services by local Costco members.

Alternative 3 (Alternative Location) would involve construction of the proposed fuel facility in a different location, instead of in the existing Costco parking lot as proposed. The alternative site considered in this analysis is within the approved Hanna Ranch Mixed Use Project area, which is within the currently undeveloped area immediately southeast of the Vintage Oaks Shopping Center. Under this alternative, the fuel facility would be constructed southeast of the existing Costco warehouse, across the intersection of Vintage Way and Rowland Boulevard, in the undeveloped area east of the Beverly Ehreth Ecological Preserve and west of the railroad tracks. Demolition of the existing Costco parking lot would not be required. A driveway would be constructed at the southern intersection of Vintage Way and Rowland Boulevard to provide access to the fuel facility and the rest of the Hanna Ranch Mixed Use Project site. Figure 1 shows the conceptual master plan for the Hanna Ranch Mixed Use Project and the Costco fuel facility site included therein.

This alternative would fulfill all three project objectives as it would involve development of a new fuel facility to support the fueling needs of local Costco members, construction of a fuel facility in accordance with Costco's Fueling Facility Program, and would develop a fuel facility of a design providing safe and efficient vehicle circulation and minimizing customer wait and vehicle idling times.

Refer to Section 6, *Alternatives*, for the complete alternatives analysis.

Areas of Known Controversy

The EIR scoping process did not identify any areas of known controversy for the proposed project. Responses to the Notice of Preparation of a Draft EIR and input received at the EIR scoping meeting held by the City are summarized in Table 1-1 of Section 1, *Introduction*. Public scoping comments are also included in Appendix A.

Issues to be Resolved

The City of Novato is the sole agency with the authority to approve the proposed project's land use entitlements, including:

- **Use Permit.** The Vintage Oaks Precise Development Plan (PDP), the primary zoning/land use regulatory document applicable to the site, requires approval of a use permit for gas stations.
- **Design Review**. Design Review is required for new commercial development projects. A recommendation from the Design Review Commission on the project's design, architecture, and landscaping was made on October 7, 2020.

The following service districts require their own permits to approve the construction detail design and inspection and acceptance of various project serving improvements:

- **Novato Fire Protection District (NFPD)** would determine compliance with local fire code requirements for emergency access and life safety systems (e.g., fire sprinklers).
- **Novato Sanitary District (NSD)** is the wastewater utility at the project site. The sanitary district would review the project design and construction of new wastewater infrastructure associated with the project.
- **North Marin Water District (NMWD)** is the domestic and recycled water provider at the site. New domestic and recycled water connections will need to be designed to NMWD standards and approved by NMWD.

The following regional, state, and federal agencies would require their own permits, inspections, reporting and/or certifications prior to construction and/or operation of the gas station:

- **United States Environmental Protection Agency (USEPA)**
  - USEPA National Emissions Standards for Hazardous Air Pollutants Subpart CCCCCC (National Emission Standards for Hazardous Air Pollutants [NESHAP] 6C)
    - 120-Day Initial Notification for Gasoline Dispensing Facilities
    - 60-Day Notification of Performance Test
    - 180-Day Notification of Compliance Status/ Testing and Reports for Gasoline Dispensing Facilities
  - Tier II Chemical Reporting
  - Emergency Planning and Community Right-to-Know Act Hazardous Chemical Inventory Reporting
  - Class A/B Operator Training
- **California Department of Industrial Relations**
  - Trench/Excavation Permit
- **Marin County Certified Unified Program Agency (CUPA)**
  - Hazardous Materials/Waste Management Plan
  - Underground Storage Tank Permit to Install
- **Marin County Department of Agriculture, Weights, and Measures**
  - Gas Pump Inspection/Certification

- **Bay Area Air Quality Management District**
  - Authority to Construct/Permit to Operate
- **Regional Water Quality Control Board**
  - NPDES Construction General Permit

Issues Not Studied in Detail in the EIR

Section 1.4, *Issues Not Studied in Detail in the EIR*, lists the issues from the environmental checklist that were addressed in the Initial Study (Appendix A).

As indicated in the Initial Study, there is no substantial evidence that significant impacts would occur to the following issue areas: Aesthetics, Agricultural and Forestry Resources, Land Use and Planning, Mineral Resources, Noise, Population and Housing, Public Services, Recreation, Utilities and Service Systems, and Wildfire.

Impacts to Air Quality, Biological Resources, Cultural Resources, Geology and Soils, Energy and Greenhouse Gas Emissions, Hazards and Hazardous Materials, Hydrology and Water Quality, Transportation, and Tribal Cultural Resources were found to be potentially significant and are addressed individually in this EIR in sections 4.1 through 4.9.

Summary of Impacts and Mitigation Measures

Table ES-1 summarizes the environmental impacts of the proposed project, proposed mitigation measures, and residual impacts (the impact after application of mitigation, if required). Impacts are categorized as follows:

- **Significant and Unavoidable.** An impact that cannot be reduced to below the threshold level given reasonably available and feasible mitigation measures. Such an impact requires a Statement of Overriding Considerations to be issued if the project is approved per Section 15093 of the CEQA Guidelines.
- **Less than Significant with Mitigation Incorporated.** An impact that can be reduced to below the threshold level given reasonably available and feasible mitigation measures. Such an impact requires findings under Section 15091 of the CEQA Guidelines.
- **Less than Significant.** An impact that may be adverse, but does not exceed the threshold levels and does not require mitigation measures. However, mitigation measures that could further lessen the environmental effect may be suggested if readily available and easily achievable.
- **No Impact:** The proposed project would have no effect on environmental conditions or would reduce existing environmental problems or hazards.

Table ES-1 Summary of Environmental Impacts, Mitigation Measures, and Residual Impacts

Impact	Mitigation Measure (s)	Residual Impact
Air Quality		
Impact AQ-1. The project would not conflict with or obstruct the implementation of the applicable air quality plan. Impacts would be less than significant.	None Required	Less than significant
Impact AQ-2. The project would not result in a cumulatively considerable net increase of any criteria pollutants for which the project region is in non-attainment under an applicable federal or state air quality standard. Impacts would be less than significant.	None Required	Less than significant
Impact AQ-3. The project would not expose sensitive receptors to substantial pollutant concentrations as to carbon monoxide or toxic air contaminants. The project would expose sensitive receptors to substantial pollutant concentrations of NO_2 during construction without mitigation. Implementation of mitigation measures will reduce construction NO_2 emissions to below regulatory thresholds, therefore impacts would be less than significant with mitigation.	**AQ-1: Construction Emissions Reduction.** Prior to issuance of grading permits, the following measures shall be noted on all construction plans: ▪ All mobile off-road equipment (wheeled or tracked) greater than 50 horsepower used during construction activities shall meet the U.S. EPA Tier 4 final standards. Tier 4 certification can be for the original equipment or equipment that is retrofitted to meet the Tier 4 final standards. ▪ Alternative Fuel (natural gas, propane, electric, etc.) construction equipment shall be incorporated where available. These requirements shall be incorporated into the contract agreement with the construction contractor. A copy of the equipment's certification or model year specifications shall be available upon request for all equipment on-site. ▪ Electricity shall be supplied to the site from the existing power grid to support the electric construction equipment. If connection to the grid is determined to be infeasible for portions of the project, a non-diesel fueled generator shall be used. ▪ The project would comply with the CARB Air Toxics Control Measure that limits diesel powered equipment and vehicle idling to no more than five minutes at a location, and the CARB In-Use Off-Road Diesel Vehicle Regulation; compliance with these would minimize emissions of TACs during construction.	Less than significant
Impact AQ-4. The project would not result in other emissions (such as those leading to odors) that would adversely affect a substantial number of people. Impacts would be less than significant.	None Required	Less than significant

Impact	Mitigation Measure (s)	Residual Impact
Biological Resources		
Impact BIO-1. The project would not have a substantial adverse effect on special-status plant and animal species. Impacts would be less than significant with mitigation.	**BIO-1: Nesting Bird Surveys and Avoidance.** To avoid impacts to nesting birds, vegetation removal during construction of the project shall be limited to the period between September 1 and January 31 (i.e., outside the nesting season), if feasible. If vegetation removal cannot be conducted during this period, a qualified biologist shall conduct a pre-construction survey for active nests in and around the project site, no more than two weeks (14 days) prior to any construction activities. The surveys shall include the disturbance area plus a 200-foot buffer around the site if feasible, and a 500-foot buffer for raptors. If construction is delayed more than 14 days after the survey is conducted, the survey shall be repeated. If active nests are located, an appropriate avoidance buffer shall be established within which no work activity will be allowed which would impact these nests. The avoidance buffer would be established by the qualified biologist on a case-by-case basis based on the species and site conditions. In no cases shall the buffer be smaller than 50 feet for non-raptor bird species or 200 feet for raptor species. Larger buffers may be required depending upon the status of the nest and the construction activities occurring in the vicinity of the nest. The buffer area(s) shall be closed to all construction personnel and equipment until juveniles have fledged and the nest is inactive. The qualified biologist shall confirm that breeding/nesting is complete and young have fledged the nest prior to removal of the buffer. The results of the pre-construction survey shall be submitted to the City for review and approval prior to the start of vegetation removal activities.	Less than significant with mitigation
Impact BIO-2. The project would not have a substantial adverse effect on sensitive natural communities. No impact would occur.	None required	No impact
Impact BIO-3. The project would not result in a substantial adverse effect on state- or federally-protected wetlands. Impacts would be less than significant.	None required	Less than significant
Impact BIO-4. The project would not interfere substantially with wildlife movement. No impact would occur.	None required	No impact
Impact BIO-5. The project would not conflict with any local policies or ordinances protecting biological resources. This impact would be less than significant.	None required	Less than significant

Impact	Mitigation Measure (s)	Residual Impact
Impact BIO-6. The project would not conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. There would be no impact.	None required	No impact
Cultural Resources		
Impact CUL-1. The project would not cause a substantial adverse change in the significance of a historical resource, as there are no such resources on the project site. There would be no impact.	None required	No impact
Impact CUL-2. Excavation required for the proposed project has the potential to unearth and adversely change or damage known and unknown archaeological resources. Impacts would be less than significant with mitigation.	**CUL-2a: Archeological Monitoring.** A qualified archaeological monitor shall be retained by the project proponent to observe all project-related ground disturbing activities. Ground disturbing activities include, but are not limited to, asphalt removal, hand excavation, clearing, grubbing, and removing and/or recompacting unconsolidated soils near the ground surface. Archaeological monitoring shall be performed under the direction of an archaeologist meeting the Secretary of the Interior's Professional Qualification Standards for archaeology (National Park Service 1983). The archaeological monitor shall be present for all pavement removal on the fuel facility site. After pavement is removed, the archaeologist shall inspect all exposed ground surfaces for the presence of surficial cultural resources prior to initiation of project grading and/or excavation. If suspected archaeological resources are encountered at any point during project construction, work within a minimum of 60 feet of the suspected resource shall halt and the find evaluated for listing in the CRHR. The 60-foot radius may be reduced or expanded at the discretion of the qualified archaeologist. If a resource is determined to be a tribal cultural resource, Mitigation Measures TCR-1a and TCR-1b, as described in Section 4.9, *Tribal Cultural Resources,* shall be implemented. Archaeological monitoring may be reduced to spot-checking or eliminated at the discretion of the qualified archaeologist, in consultation with the Native American monitor required pursuant to TCR-1c, summarized below and in Section 4.9, *Tribal Cultural Resources*, and lead agency, as warranted by conditions such as encountering bedrock, sediments being excavated are fill, or negative findings during the first 60 percent of rough grading. If monitoring is reduced to spot-checking, spot-checking shall occur, at minimum, when ground-disturbance moves to a new location within the projects site and when ground disturbance will extend to depths not previously reached (unless those depths are within bedrock).	Less than significant with mitigation

Impact	Mitigation Measure (s)	Residual Impact
	CUL-2b: Unanticipated Discovery of Archaeological Resources. In the event that archaeological resources are unexpectedly encountered during ground-disturbing activities, work within 60 feet of the find shall halt and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archaeology (National Park Service 1983) shall be contacted immediately to evaluate the resource. If the resource is determined by the qualified archaeologist to be prehistoric, then a Native American representative shall also be contacted to participate in the evaluation of the resource. If the qualified archaeologist and/or Native American representative determines it to be appropriate, archaeological testing for CRHR eligibility shall be completed. If the resource proves to be eligible for the CRHR and significant impacts to the resource cannot be avoided via project redesign, a qualified archaeologist shall prepare a data recovery plan tailored to the physical nature and characteristics of the resource, per the requirements of the California Code of Regulations Guidelines Section 15126.4(b)(3)(C). The data recovery plan shall identify data recovery excavation methods, measurable objectives, and data thresholds to reduce any significant impacts to cultural resources related to the resource. Pursuant to the data recovery plan, the qualified archaeologist and Native American representative, as appropriate, shall recover and document the scientifically consequential information that justifies the resource's significance. The City shall review and approve the treatment plan and archaeological testing as appropriate, and the resulting documentation shall be submitted to the regional repository of the California Historical Resources Information System, per California Code of Regulations Guidelines Section 15126.4(b)(3)(C). If a resource is determined to be a tribal cultural resource under CEQA as being either 1) a site, feature, place, cultural landscape, sacred place, or object with cultural value to a tribe that is listed, or determined to be eligible for listing, in the national or state register of historical resources, or listed in a local register of historic resources; or 2) determined by the lead agency as a tribal cultural resource, then the provisions of Mitigation Measures TCR-1a and TCR-1b shall control. **TCR-1a: Avoidance of Tribal Cultural Resources**. [The full text of this measure is provided below.] **TCR-1b: Tribal Cultural Resources Treatment Plan**. [The full text of this measure is provided below.] **TCR-1c: Native American Monitoring.** [The full text of this measure is provided below.]	

Impact	Mitigation Measure (s)	Residual Impact
Impact CUL-3. Grading and excavation required for the proposed project would have the potential to unearth and disturb previously unidentified or unknown human remains. Impacts would be less than significant with mandatory adherence to existing regulations pertaining to discovery of human remains.	None required	Less than significant
Geology and Soils		
Impact GEO-1. The project site is not underlain by a known earthquake fault. The project site would not be subject to rupture of a known earthquake fault, and there would be no impact.	None required	No Impact
Impact GEO-2. The project site would be subject to seismic ground shaking and the project would be required to comply with the CBC. Impacts would be less than significant.	None required	Less than significant
Impact GEO-3. The project site has low potential for liquefaction and project components would be constructed in compliance with the CBC. Impacts would be less than significant.	None required	Less than significant
Impact GEO-4. The project site is flat and not within a landslide hazard zone. There would be no impact.	None required	No impact
Impact GEO-5. Construction of the proposed project could result in soil erosion or loss of topsoil. The project would be required to comply with existing regulations. Impacts would be less than significant**.**	None required	Less than significant
Impact GEO-6. The project is not located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and would not result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse. Impacts would be less than significant.	None required	Less than significant
Impact GEO-7. The project site is underlain by potentially expansive soils. The project would incorporate seismic and soil stability measures included in the geotechnical study. Impacts would be less than significant.	None required	Less than significant

Impact	Mitigation Measure (s)	Residual Impact
Impact GEO-8. The project would not involve construction or operation of septic tanks or alternative wastewater disposal systems. There would be no impact.	None required	No impact
Impact GEO-9. Ground-disturbing activities for the project have the potential to significantly impact paleontological resources. Impacts would be less than significant with mitigation.	**GEO-9: Unanticipated Discovery of Paleontological Resources.** *Paleontological Worker Environmental Awareness Program*. Prior to the start of construction, a Qualified Professional Paleontologist (as defined by Society of Vertebrate Paleontology [2010]) or their designee shall conduct a paleontological Worker Environmental Awareness Program training for construction personnel regarding the appearance of fossils and the procedures for notifying paleontological staff should fossils be discovered by construction staff. *Unanticipated Discovery of Paleontological Resources*. In the event a fossil is discovered during construction of the project, excavations within 50 feet of the find shall be temporarily halted or delayed until the discovery is examined by a Qualified Professional Paleontologist. The project applicant shall include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. If the find is determined to be significant, the applicant shall retain a Qualified Professional Paleontologist to direct all mitigation measures related to paleontological resources. The Qualified Professional Paleontologist shall design and carry out a data recovery plan consistent with the Society of Vertebrate Paleontology (2010) standards.	Less than significant with mitigation
Energy and Greenhouse Gas Emissions		
Impact GHG-1. The proposed project would not result in wasteful or unnecessary energy consumption, and impacts would be less than significant.	None Required	Less than significant
Impact GHG-2. The proposed project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency. Therefore, impacts would be less than significant.	None Required	Less than significant
Impact GHG-3. The project would conflict with air district thresholds for GHG emissions as the project does not incorporate the Tier 2 voluntary requirements for electric vehicle charging stations. Therefore, impacts would be less than significant with mitigation.	**GHG-3: Compliance with CalGreen Tier 2 Electric Vehicle Standards.** Required EV charging stations may be included in the parking lot associated with the adjacent Costco store to further encourage use of these spaces. CalGreen Tier 2 standards stipulate that Table A5.106.5.3.2 shall be used to determine the number of EV capable spaces required. New EV spaces shall adhere to Section 5.106.5.3 of the CalGreen Tier 2 standards for design requirements. EV capable spaces and Electric Vehicle Charging Stations (EVCS) shall be installed pursuant to Table A5.106.5.3.1 of the CalGreen Tier 2 standards. During building permit	Less than significant with mitigation

Impact	Mitigation Measure (s)	Residual Impact
	review, the City shall calculate the number of required EV capable spaces and EVCS spaces, which shall meet the minimum CalGreen Tier 2 standards provided in Table A5.106.5.3.1.	
Hazards and Hazardous Materials		
Impact HAZ-1. The project would not create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials or through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment. Impacts would be less than significant.	None required	Less than significant
Impact HAZ-2. The project would not emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school. There would be no impact.	None required	No impact
Impact HAZ-3. Although the project is located on a site that is included on a list of hazardous material sites compiled pursuant to government code section 65962.5, there are no known hazardous materials issues associated with historical uses of the project site. Impacts would be less than significant.	None required	Less than significant
Impact HAZ-4. The project would not result in a safety hazard or excessive noise for people residing or working in the project area. There would be no impact.	None required	No impact
Impact HAZ-5. The project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan. Impacts would be less than significant.	None required	Less than significant
Impact HAZ-6. The project would not expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires. Impacts would be less than significant.	None required	Less than significant

Impact	Mitigation Measure (s)	Residual Impact
Hydrology and Water Quality		
Impact HYD-1. The project would not violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality. Impacts would be less than significant.	None required	Less than significant
Impact HYD-2. The project would not substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin. Impacts would be less than significant.	None required	Less than significant
Impact HYD-3. The project would not substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would result in substantial erosion or siltation on- or off-site, result in flooding on- or off-site, create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff, or impede or redirect flood flows. Impacts would be less than significant.	None required	Less than significant
Impact HYD-4. The project would not risk release of pollutants due to project inundation in flood hazard, tsunami, or seiche zones. Impacts would be less than significant.	None required	Less than significant
Impact HYD-5. The project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan. Impacts would be less than significant.	None required	Less than significant
Transportation		
Impact TRA-1. The project would not conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities. Impacts would be less than significant.	None required	Less than significant

Impact	Mitigation Measure (s)	Residual Impact
Impact TRA-2. The project would not conflict or be inconsistent with CEQA guidelines section 15064.3, subdivision (b). The project would result in a net decrease in vehicle miles traveled. Impacts would be less than significant.	None required	Less than significant
Impact TRA-3. The project would not substantially increase hazards due to a geometric design feature or incompatible use. Impacts would be less than significant.	None required	Less than significant
Impact TRA-4. The project would not result in inadequate emergency access to the project site. Impacts would be less than significant.	None required	Less than significant
Tribal Cultural Resources		
Impact TCR-1. Grading and excavation required for the proposed project has the potential to impact tribal cultural resources. Impacts would be less than significant with mitigation.	**TCR-1a: Avoidance of Tribal Cultural Resources**. When feasible, project construction shall avoid tribal cultural resources. **TCR-1b: Tribal Cultural Resources Treatment Plan.** Prior to construction of the fuel facility project, the City of Novato, project proponent, or its consultant(s), shall prepare a tribal cultural resource treatment plan to be implemented in the event an unanticipated archaeological resource that may be considered a tribal cultural resource is identified during construction, subject to review and acceptance by the City of Novato. The plan would include suspension of all earth-disturbing work in the vicinity of the find, avoidance of the resource or, if avoidance of the resource is infeasible, the plan would outline the appropriate treatment of the resource in coordination with the FIGR and, if applicable, a qualified archaeologist. Examples of appropriate treatment for tribal cultural resources include, but are not limited to, protecting the cultural character and integrity of the resource, protecting traditional use of the resource, protecting the confidentiality of the resource, or heritage recovery. **TCR-1c: Native American Monitoring**. All earth-disturbing work, including archaeological excavation, associated with the fuel facility project shall be observed by a local Native American monitor affiliated with the FIGR. In the event of a discovery of tribal cultural resources, the steps identified in the tribal cultural resources plan prepared under measure CUL-2b shall be implemented.	Less than significant with mitigation

1 Introduction

This document is an Environmental Impact Report (EIR) for a proposed Costco fuel center development located at 300 Vintage Way, Novato, California. The proposed Costco Fuel Center Project (hereafter referred to as the "proposed project" or "project") would be constructed on a site currently developed with a surface parking lot that serves the adjacent Costco within the Vintage Oaks Shopping Center. The project would develop a new fuel facility in place of an existing parking area adjacent to an existing Costco Wholesale store (Costco), on an approximately 1.15-acre portion of the Costco parking lot site.

This section discusses (1) the project and EIR background; (2) the legal basis for preparing an EIR; (3) the scope and content of the EIR; (4) issue areas found not to be significant by the Initial Study; (5) the lead, responsible, and trustee agencies; and (6) the environmental review process required under the California Environmental Quality Act (CEQA). The proposed project is described in detail in Section 2, *Project Description*.

1.1 Environmental Impact Report Background

In March 2021, the City of Novato adopted an Initial Study-Mitigated Negative Declaration for the Costco Fuel Center and Rowland Boulevard Public Works Project. While the Costco Fuel Center portion of the approved project was challenged in the Superior Court of California, the Rowland Boulevard Public Works portion of the approved project was completed in November 2022. Completion of the Rowland Boulevard Public Works Project occurred prior to issuance of the Notice of Preparation (NOP) of this EIR; therefore, it is considered as part of the baseline condition.

The City of Novato distributed a NOP of the EIR for a 30-day agency and public review period starting on August 10, 2023, and ending on September 11, 2023. In addition, the City held an EIR Scoping Meeting on August 28, 2023. The meeting, held at 7:00 PM, was aimed at providing information about the proposed project to members of public agencies, interested stakeholders and residents/community members. The meeting was held in person at Novato City Hall at 901 Sherman Avenue, as well as virtually via Zoom. The City received comment letters from one agency, two community organizations, and five individuals in response to the NOP during the public review period, as well as various verbal comments during the EIR Scoping Meeting. The NOP is presented in Appendix A of this EIR, along with the Initial Study that was prepared for the project and the NOP responses received. Table 1-1 summarizes the content of the letters and verbal comments and where the issues raised are addressed in the EIR.

Table 1-1 NOP Comments and EIR Response

Commenter	Comment/Request	How and Where It Was Addressed
Native American Heritage Commission (NAHC)	States that the proposed project is subject to the requirements and provisions under Assembly Bill (AB 52) for tribal cultural resources.	Consultation required by AB 52 was carried out by the City of Novato. Subsequent issues are discussed in Section 4.3, *Cultural and Tribal Cultural Resources*.
350 Marin	Consider the Novato City Council Climate Emergency declaration (2020) and Novato Strategic Plan 2021-2023 regarding energy and greenhouse gas (GHG) emission impacts. Electrification of transportation modes would reduce GHG emissions.	Comments are addressed in Section 4.5, *Energy and Greenhouse Gas Emissions.*
Marin Conservation League	Requests an analysis of sea level rise, and how that could affect the conclusions of the geotechnical report.	Sea level rise is addressed in Section 4.5, *Energy and Greenhouse Gas Emissions*; and Section 4.7, *Hydrology and Water Quality*.
	Consider GHG emissions from gas fumes, spills, and idling vehicles.	GHG emissions are addressed in Section 4.5, *Energy and Greenhouse Gas Emissions.* Gas fumes and idling vehicles are discussed in Section 4.1, *Air Quality,* and spills are discussed in Section 4.6, *Hazards and Hazardous Materials.*
	Requests that the EIR describe the relationship between local surface waters, groundwater, and sea level rise.	Comments are addressed in Section 4.7, *Hydrology and Water Quality.*
Kate Powers	Perform a subterranean analysis of the project site.	Comments are addressed in Section 4.4, *Geology and Soils*, and Appendix I.
	Clarify if the project requires an amendment to the Vintage Oaks Master Plan.	The project would not require an amendment to the Vintage Oaks Master Plan. Project approvals are listed in Section 2.7, *Required Approvals*.
	Discuss impacts on surface and subsurface water flow, wildlife, noise and vibration, and air quality.	Comments are addressed in Section 4.7, *Hydrology and Water Quality*; Section 4.2, *Biological Resources*; Environmental Checklist Section 13 (Noise) of Appendix A; and Section 4.1, *Air Quality.*
	Address sea level rise, Novato Creek, subsidence, flooding, and liquefaction.	Comments are addressed in Section 4.5, *Energy and Greenhouse Gas Emissions*; Section 4.4, *Geology and Soils*; and Section 4.7, *Hydrology and Water Quality.*
	Consider GHG reduction measures in the City's General Plan, and Novato's Climate Change Emergency Resolution.	Comments are addressed in Section 4.5, *Energy and Greenhouse Gas Emissions*. Consistency with City General Plan policies is also discussed in Environmental Checklist Section 11, Land Use and Planning, of the Initial Study provided in Appendix A.
	The 2020 vehicle miles traveled analysis overestimates vehicle trip reductions and underestimates vehicle trip generation.	Comments are addressed in Appendix F and Section 4.8, *Transportation*.
	Address air quality impacts on migratory wildlife.	In lieu of established air quality thresholds specific to wildlife species, please refer to the analysis included for sensitive human receptors in Section 4.1, *Air Quality*, for a discussion of the project's potential impacts related to air quality emissions.

Commenter	Comment/Request	How and Where It Was Addressed
Marilyn Price	The use of fossil fuels should not be encouraged, electric chargers should be funded instead.	Comments are addressed in Section 6, *Alternatives.*
Lonna Richmond	The project is not necessary.	This comment does not pertain to the scope of the EIR.
Judy Slater	The project would impact GHG emissions, transportation, air quality, pollution, and health of residents.	Comments are addressed in Section 4.5, *Energy and Greenhouse Gas Emissions*; Section 4.8, *Transportation*; and Section 4.1, *Air Quality.*
Tim Valentine	Air quality and health impacts are a key concern, especially to Tamalpais Pediatrics and residences to the west and southwest.	Comments are addressed in Section 4.1, *Air Quality.*
	Request electric vehicle charging be addressed as an alternative.	Comments are addressed in Section 6, *Alternatives.*
Public Scoping Meeting Comments	Consider impacts from earthquakes and liquefaction. Consider completing soil studies for the underground storage tanks. Ensure the underground storage tanks are earthquake-protected.	Comments are addressed in Section 4.4, *Geology and Soils.*
	Concern regarding the proposed project's impacts on climate change and GHG emission contribution. Consider consistency with State GHG reduction goals.	Comments are addressed in Section 4.5, *Energy and Greenhouse Gas Emissions.*
	Previous vehicle miles traveled analysis was counter intuitive.	Comments are addressed in Section 4.8, *Transportation*, and Appendix F.
	Address impacts of wildfire.	Comments are addressed in Environmental Checklist Section 19 (Wildfire) of Appendix A.
	Consider the project's incremental contribution to climate change.	Comments are addressed in Section 4.5, *Energy and Greenhouse Gas Emissions*.
	Consider an alternative that reduces the number of fueling positions (e.g., 6 pumps instead of 14). Consider housing as an alternative use of the project site.	Comments are addressed in Section 6, *Alternatives*.

1.2 Purpose and Legal Authority

The proposed project requires the discretionary approval of the City of Novato Planning Commission; therefore, the project is subject to the environmental review requirements of CEQA. In accordance with Section 15121 of the *CEQA Guidelines* (California Code of Regulations, Title 14), the purpose of this EIR is to serve as an informational document that:

> ...will inform public agency decision makers and the public generally of the significant environmental effects of a project, identify possible ways to minimize the significant effects, and describe reasonable alternatives to the project.

This EIR has been prepared as a project EIR pursuant to Section 15161 of the *CEQA Guidelines*. A Project EIR is appropriate for a specific development project. As stated in the *CEQA Guidelines*:

> This type of EIR should focus primarily on the changes in the environment that would result from the development project. The EIR shall examine all phases of the project, including planning, construction, and operation.

This EIR is to serve as an informational document for the public and City of Novato decision-makers. The process will include public hearings before the Planning Commission to consider certification of a Final EIR and approval of the proposed project.

1.3 Scope and Content

This EIR addresses impacts identified by the Initial Study (Appendix A) to be potentially significant. The following issues were found to include potentially significant impacts and have been studied in the EIR:

- Air Quality
- Biological Resources
- Cultural and Tribal Resources
- Geology and Soils
- Energy and Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Transportation

In preparing the EIR, use was made of pertinent City policies and guidelines, certified EIRs and adopted CEQA documents, and other background documents. A full reference list is contained in Section 7, *References and Preparers*.

The alternatives section of the EIR (Section 6) was prepared in accordance with Section 15126.6 of the *CEQA Guidelines* and focuses on alternatives that are capable of eliminating or reducing significant adverse effects associated with the project while feasibly attaining most of the basic project objectives. In addition, the alternatives section identifies the "environmentally superior" alternative among the alternatives assessed. The alternatives evaluated include the CEQA-required "No Project" alternative and two alternative development scenarios for the project area.

The level of detail contained throughout this EIR is consistent with the requirements of CEQA and applicable court decisions. Section 15151 of the *CEQA Guidelines* provides the standard of adequacy on which this document is based. The *CEQA Guidelines* state:

> An EIR should be prepared with a sufficient degree of analysis to provide decision-makers with information which enables them to make a decision which intelligently takes account of environmental consequences. An evaluation of the environmental effects of the proposed project need not be exhaustive, but the sufficiency of an EIR is to be reviewed in light of what is reasonably feasible. Disagreement among experts does not make an EIR inadequate, but the EIR should summarize the main points of disagreement among the experts. The courts have looked not for perfection, but for adequacy, completeness, and a good faith effort at full disclosure.

1.4 Issues Not Studied in Detail in the EIR

Section 15128 of the *CEQA Guidelines* requires an EIR to briefly describe any possible effects that were determined not to be significant and were therefore not discussed in detail in the EIR. The resource areas below, included in the environmental checklist listed in Appendix G of the *CEQA Guidelines,* were determined to have less than significant environmental impacts:

- Aesthetics
- Agricultural and Forestry Resources
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Utilities and Service Systems
- Wildfire

These issues are discussed further in the Initial Study (Appendix A). Remaining issues, including those listed above in Section 1.3, are analyzed in Section 4 of this EIR.

1.5 Lead, Responsible, and Trustee Agencies

The *CEQA Guidelines* define lead, responsible, and trustee agencies. The City of Novato is the lead agency for the project because it holds principal responsibility for approving the project.

A responsible agency refers to a public agency other than the lead agency that has discretionary approval over the project. There are no responsible agencies with discretionary approval over the project.

A trustee agency refers to a state agency having jurisdiction by law over natural resources affected by a project. Trustee agencies include the California Department of Fish and Wildlife (CDFW), which has jurisdiction over fish and wildlife of the state.

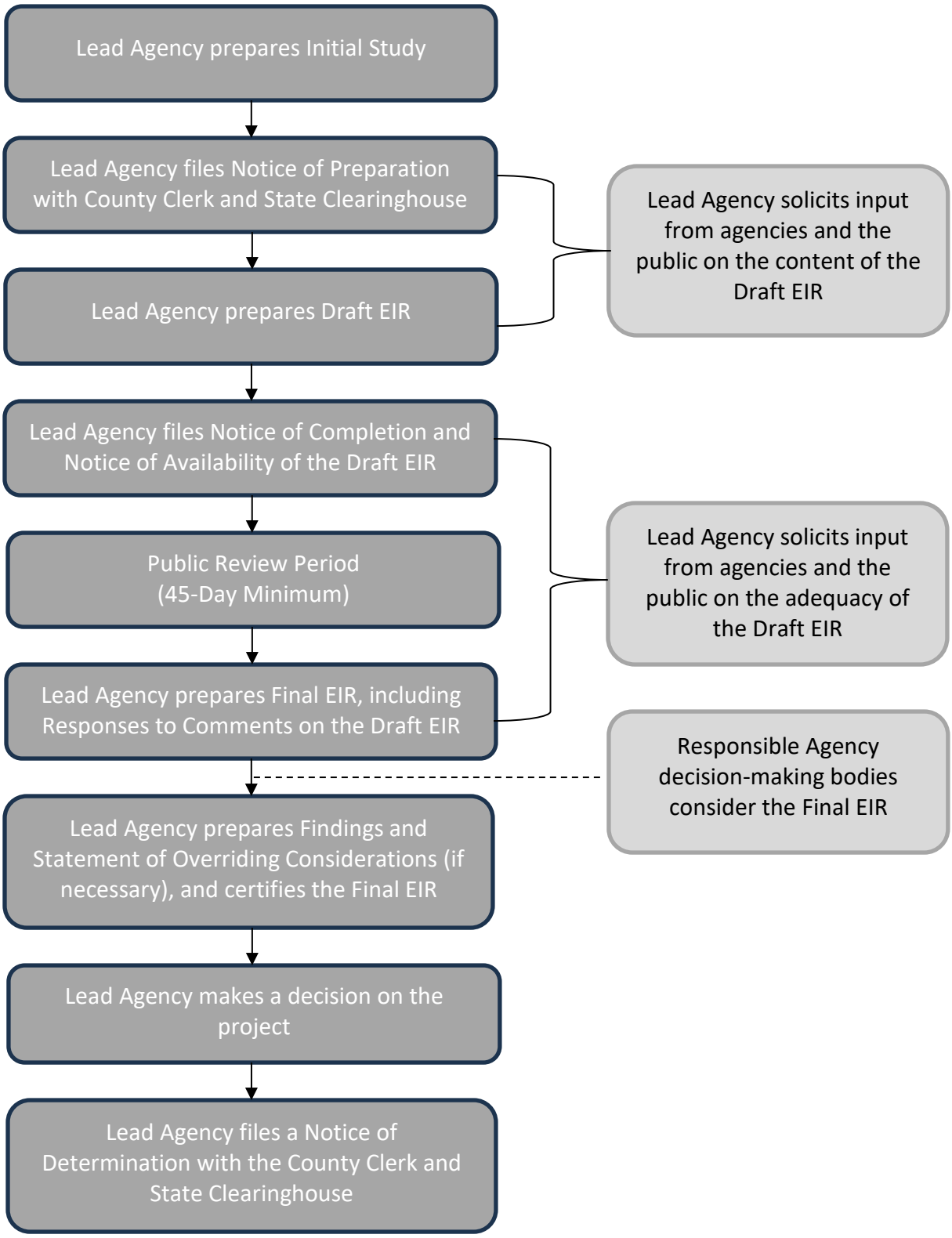
1.6 Environmental Review Process

The environmental impact review process, as required under CEQA, is summarized below and illustrated in Figure 1-1. The steps are presented in sequential order.

1. **Notice of Preparation (NOP) and Initial Study**. After deciding that an EIR is required, the lead agency (City of Novato) must file an NOP soliciting input on the EIR scope to the State Clearinghouse, other concerned agencies, and parties previously requesting notice in writing (*CEQA Guidelines* Section 15082; Public Resources Code Section 21092.2). The NOP must be posted in the County Clerk's office and State Clearinghouse for 30 days. The NOP may be accompanied by an Initial Study that identifies the issue areas for which the project could create significant environmental impacts.
2. **Draft EIR Prepared.** The Draft EIR must contain: a) table of contents or index; b) summary; c) project description; d) environmental setting; e) discussion of significant impacts (direct, indirect, cumulative, growth-inducing and unavoidable impacts); f) a discussion of alternatives; g) mitigation measures; and h) discussion of irreversible changes.

3. **Notice of Completion (NOC) and Notice of Availability (NOA).** The lead agency must file a NOC and NOA with the State Clearinghouse when it completes a Draft EIR and prepare a Public Notice of Availability of a Draft EIR. The lead agency must place the NOA in the County Clerk's office for 30 days (Public Resources Code Section 21092) and send a copy of the NOA to anyone requesting it (*CEQA Guidelines* Section 15087). Additionally, public notice of Draft EIR availability must be given through at least one of the following procedures: a) publication in a newspaper of general circulation; b) posting on and off the project site; and c) direct mailing to owners and occupants of contiguous properties. The lead agency must solicit input from other agencies and the public and respond in writing to all comments received (Public Resources Code Sections 21104 and 21253). The minimum public review period for a Draft EIR is 30 days. When a Draft EIR is sent to the State Clearinghouse for review, the public review period must be 45 days unless the State Clearinghouse approves a shorter period (Public Resources Code 21091).
4. **Final EIR.** A Final EIR must include: a) the Draft EIR; b) copies of comments received during public review; c) list of persons and entities commenting; and d) responses to comments.
5. **Certification of Final EIR.** Prior to making a decision on a proposed project, the lead agency must certify that: a) the Final EIR has been completed in compliance with CEQA; b) the Final EIR was presented to the decision-making body of the lead agency; and c) the decision-making body reviewed and considered the information in the Final EIR prior to approving a project (*CEQA Guidelines* Section 15090).
6. **Lead Agency Project Decision.** The lead agency may a) disapprove the project because of its significant environmental effects; b) require changes to the project to reduce or avoid significant environmental effects; or c) approve the project despite its significant environmental effects, if the proper findings and statement of overriding considerations are adopted (*CEQA Guidelines* Sections 15042 and 15043).
7. **Findings/Statement of Overriding Considerations**. For each significant impact of the project identified in the EIR, the lead agency must find, based on substantial evidence, that either: a) the project has been changed to avoid or substantially reduce the magnitude of the impact; b) changes to the project are within another agency's jurisdiction and such changes have or should be adopted; or c) specific economic, social, or other considerations make the mitigation measures or project alternatives infeasible (*CEQA Guidelines* Section 15091). If an agency approves a project with unavoidable significant environmental effects, it must prepare a written Statement of Overriding Considerations that sets forth the specific social, economic, or other reasons supporting the agency's decision.
8. **Mitigation Monitoring Reporting Program.** When the lead agency makes findings on significant effects identified in the EIR, it must adopt a reporting or monitoring program for mitigation measures that were adopted or made conditions of project approval to mitigate significant effects.
9. **Notice of Determination (NOD).** The lead agency must file a NOD after deciding to approve a project for which an EIR is prepared (*CEQA Guidelines* Section 15094). A local agency must file the NOD with the County Clerk and State Clearinghouse. The NOD must be posted for 30 days and sent to anyone previously requesting notice. Posting of the NOD starts a 30-day statute of limitations on CEQA legal challenges (Public Resources Code Section 21167[c]).

Figure 1-1 Environmental Review Process



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2 Project Description

This section describes the proposed project, including the project applicant, the project site and surrounding land uses, major project characteristics, project objectives, and discretionary actions needed for approval.

2.1 Project Applicant

Costco Wholesale
999 Lake Drive
Issaquah, Washington 98027

2.2 Lead Agency Contact Person

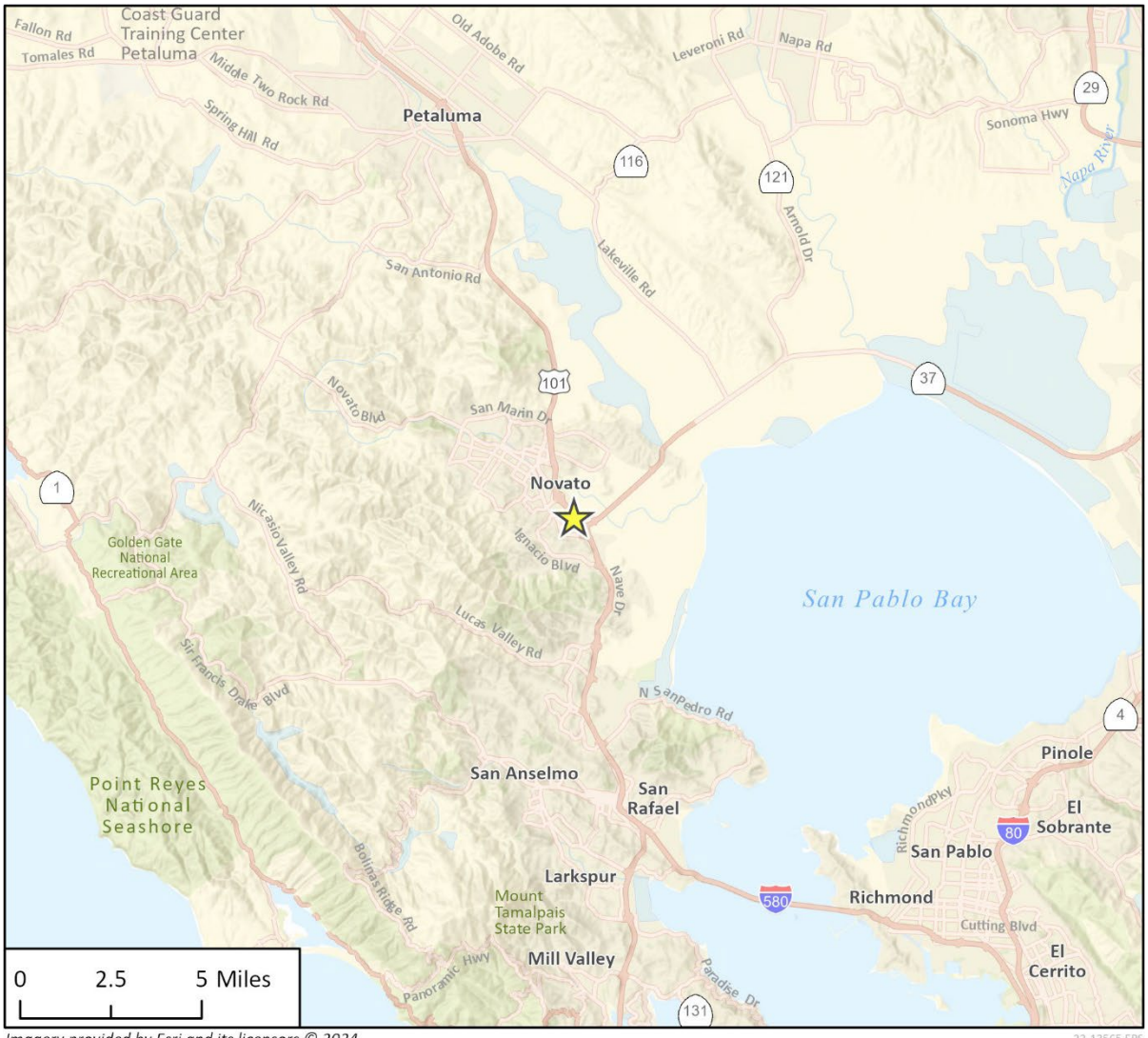
Brett Walker, AICP, Senior Planner
City of Novato
Community Development Department
922 Machin Avenue
Novato, California 94945
(415) 493-4711
bwalker@novato.org

2.3 Project Location

Novato is located in the greater North Bay region of the San Francisco Bay Area and is the northernmost city in Marin County. The City is located northwest of San Pablo Bay approximately 29 miles north of San Francisco, 37 miles northwest of Oakland, and approximately 35 miles north of the San Francisco International Airport.

The project is located within and adjacent to the Vintage Oaks Shopping Center in Novato, Marin County, California. Vintage Oaks is located southeast of the Highway 101 (US 101) and Rowland Boulevard freeway interchange. The applicant proposes to construct a fuel facility (gas station) at an existing Costco Wholesale (Costco) at 300 Vintage Way. The project would occupy a portion of an existing parking lot, located southwest of the existing Costco building and includes approximately 1.15 acres of Assessor's Parcel Number 153-340-36 (project site). Costco would also modify Vintage Way to accommodate a left-turn pocket providing access to a driveway serving the project site. Figure 2-1 shows the regional location of the project area, and Figure 2-2 shows the proposed project locations and surrounding uses.

Figure 2-1 Regional Location



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Fig 1 Regional Location

Project Location

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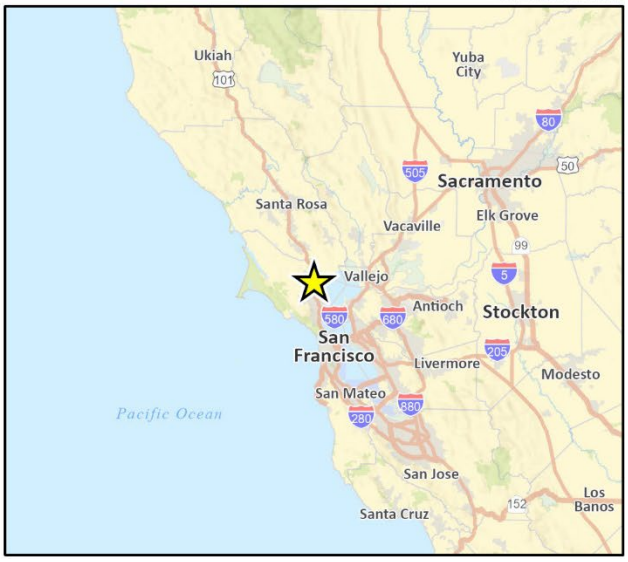


Figure 2-2 Project Site Location



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Fig 2 Project Location

2.4 Existing Site Characteristics

2.4.1 Current Land Use Designation and Zoning

The project site is currently developed with a surface parking lot that serves the adjacent Costco within the Vintage Oaks Shopping Center. The existing parking lot is accessed via several driveways along Vintage Way, the main driveway of which is located approximately 830 feet from the southern Rowland Boulevard and Vintage Way intersection. The project site has a General Plan land use designation of General Commercial (CG). The site is zoned Planned District (PD), as defined by the City's Zoning Ordinance and the Land Use Element of the General Plan. In addition, the project site is regulated by the Vintage Oaks Precise Development Plan (PDP). The PDP, as required by PD zoning district regulations, was adopted by Novato Resolution No. 128-90 in 1990 and specifies acceptable land uses and development intensity (e.g., floor area ratio), provides development standards, and directs the permitting procedures for development within Vintage Oaks. The proposed project would not require amendments to the City's General Plan, Novato Municipal Code, the PD zoning district, or the Vintage Oaks PDP.

2.4.2 Surrounding Land Uses

As shown in Figure 2-2, the project site is surrounded by similar commercial uses associated with the Vintage Oaks Shopping Center and other areas east of US 101. An additional commercial building is located immediately across Vintage Way from the project site to the south. The Beverly Ehreth Ecological Preserve is located to the south of Vintage Way, and open space and wetland areas are located to the east of the Vintage Oaks Shopping Center, across Rowland Boulevard. The SMART rail line train tracks are located immediately east of Rowland Boulevard. South and east of the Beverly Ehreth Ecological Preserve is the currently undeveloped Hanna Ranch property. Across US 101 to the southwest are single family and multi-family residential uses, approximately 450 feet from the nearest property line of the project site to the nearest residential structure.

Surrounding General Plan land use designations include General Commercial (GC) within the entirety of Vintage Oaks Shopping Center, as well as the parcel located south of Vintage Way, which is currently developed with Tamalpais Pediatrics. The Beverly Ehreth Ecological Preserve and area east of Rowland Boulevard (between Vintage Way [north] and Vintage Way [south]) are designated as Open Space (OS). The area west and southwest of the project site and across US 101 is zoned as Planned Development (PD) and has a land use designation of Medium Density Multiple Family Residential (R10). Similarly, surrounding zoning designations include Planned District (PD) in the above-mentioned GC-designated areas and Open Space (OS) in the above-mentioned OS-designated areas.

2.5 Project Characteristics

The project entails development of a new fuel facility in place of an existing parking area adjacent to an existing Costco Wholesale store (Costco), on an approximately 1.15-acre portion of the Costco parking lot site. Costco is a membership-only store, and the proposed project would be for use by Costco members, and not open to the general public who are not members. The project includes a 10,244-square-foot fuel dispenser canopy, 14 dispensers (28 fueling positions), three 40,000-gallon gasoline underground storage tanks (UST), one 1,500-gallon additive[1] UST, an approximately 125

[1] Costco uses deposit control additives, which prevent new deposits from accumulating on critical engine parts (Costco 2024).

square-foot controller enclosure, a vapor processing unit, directional striping, and an approximately 6,086 square-foot net increase in landscaped areas. Costco's Fueling Facility Program (Appendix B) provides details on proposed safety and design features intended to provide environmental safeguards and prevent public health or hazardous materials issues. Such features include monitoring during operational hours, emergency and automatic shut-offs, video surveillance, alarm systems, leak detection systems, the use of joint sealers, an oil/water separator, double-walled tanks, anchoring straps and reinforced concrete slabs, flexible piping connections, and Phase I and II Enhanced Vapor Recovery (EVR) systems (98 and 95 percent effective, respectively).

As shown in Figure 2-3, the fuel canopy would be designed consistent with the architecture of the existing Costco Wholesale building, with a flat roof, metal-wrapped canopy fascia, and painted metal columns. The materials and colors would be similar to those used at the existing Costco Wholesale building. The design would also be consistent with the Vintage Oaks Design Manual description for the Costco Wholesale building. Under-canopy lighting would consist of Costco's standard Cree light emitting diode lighting fixtures, focused downward and/or shielded per City Council Resolution No. 128-90, which is the Vintage Oaks Precise Development Plan approval document. Signage is proposed on each side of the fuel canopy, consistent with the Vintage Oaks Master Sign Plan, including maximum letter height and painted metal sign type requirements. Signage lighting would include downward 'gooseneck' fixtures. The maximum height of the fuel canopy would be approximately 18.5 feet above finished grade.

The project would reduce the total existing impervious surface area by approximately 1,796 square feet, from 62,061 square feet to 60,265 square feet. This reduction is related to the removal of existing landscaped islands throughout the existing parking lot, as well as the proposed addition of new pervious bioretention areas throughout the project site, with the largest bioretention area located along the southern boundary of the project site (Appendix C, refer to Sheet C5.0).

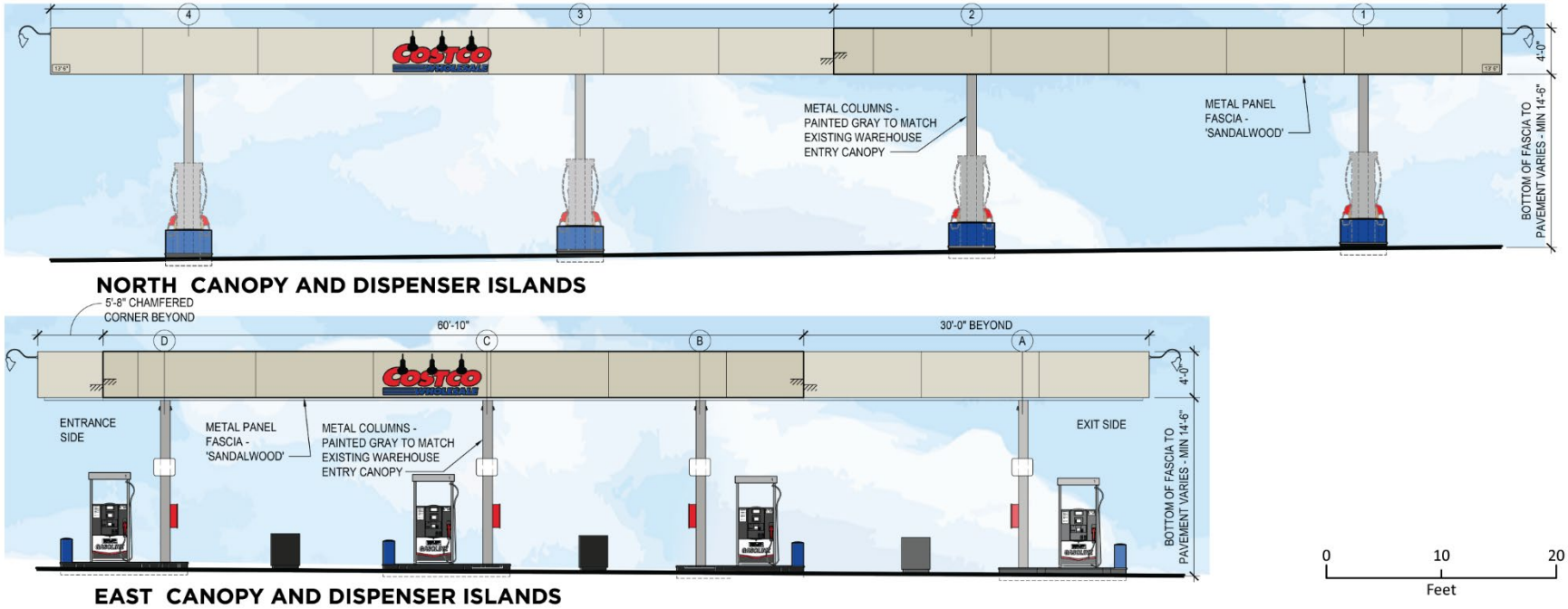
The project would implement low impact development (LID) strategies. The project would install two bioretention areas sized to retain stormwater runoff from the entire project site. The drainage management area (DMA #8, 10,643 square feet in size) that collects runoff from the proposed fueling area would drain to the existing sanitary sewer and be treated by an oil/water separator, consistent with Section SC-20 of the California Stormwater Quality Association (CASQA) Stormwater Best Management Practice Handbook. Runoff from one drainage management area (DMA #9, 944 square feet in size) that encompasses the proposed driveway, would remain untreated.[2] Additionally, the project includes several permanent source control and operational source control best management practices, specified in the Stormwater Control Plan for the project.

2.5.1 Proposed Site Plan

See Figure 2-4 for the project site plan and Figure 2-5 for the proposed Vintage Way striping improvements. Additional site plan details are provided in Appendix C.

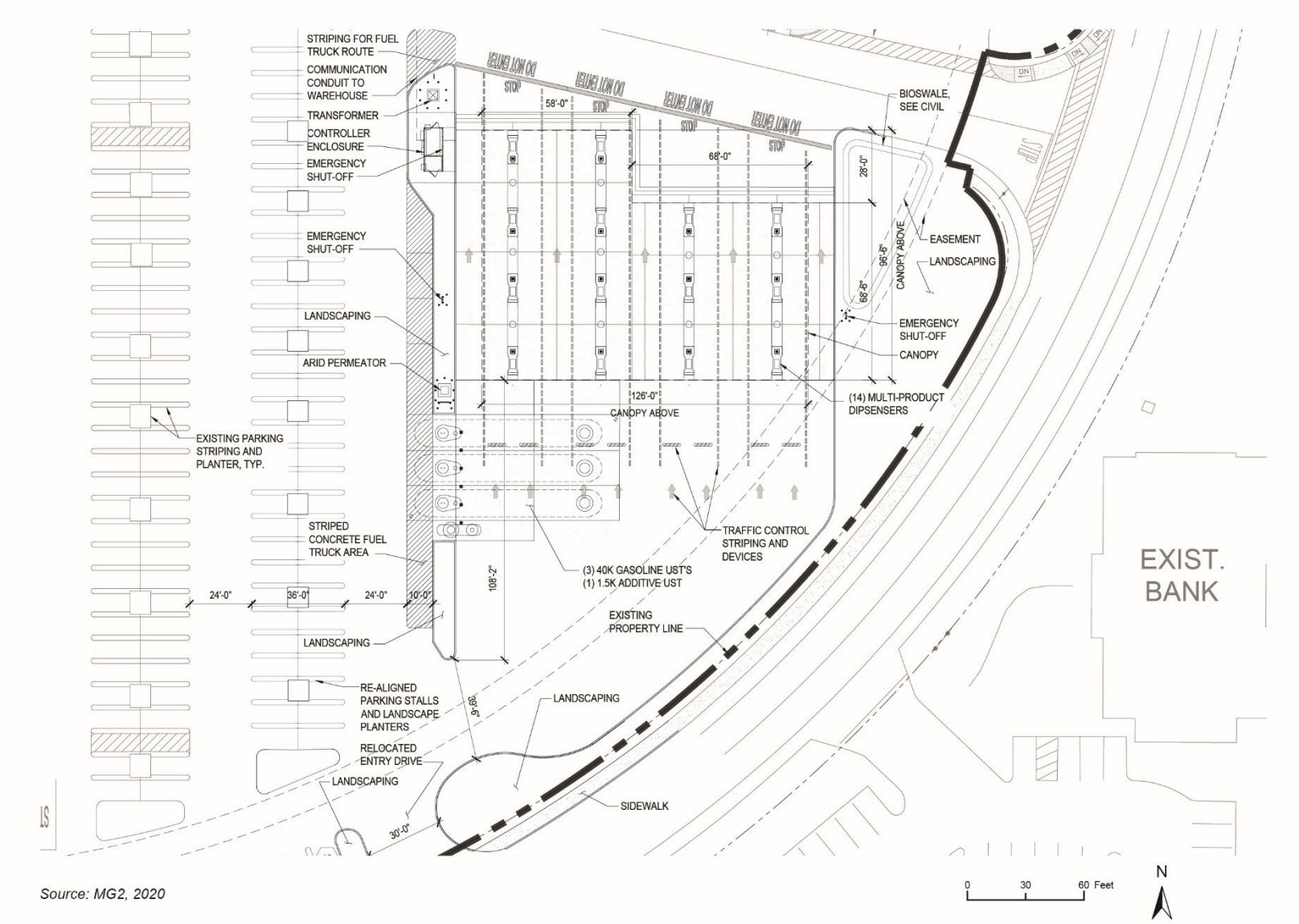
[2] DMA #9 would remain untreated due to the existing grading of the area, which includes a valley gutter located at a high point along the driveway. To maintain the existing drainage pattern and conform to the existing pavement, DMA #9 would not drain to the new bioretention planter.

Figure 2-3 Architectural Drawings



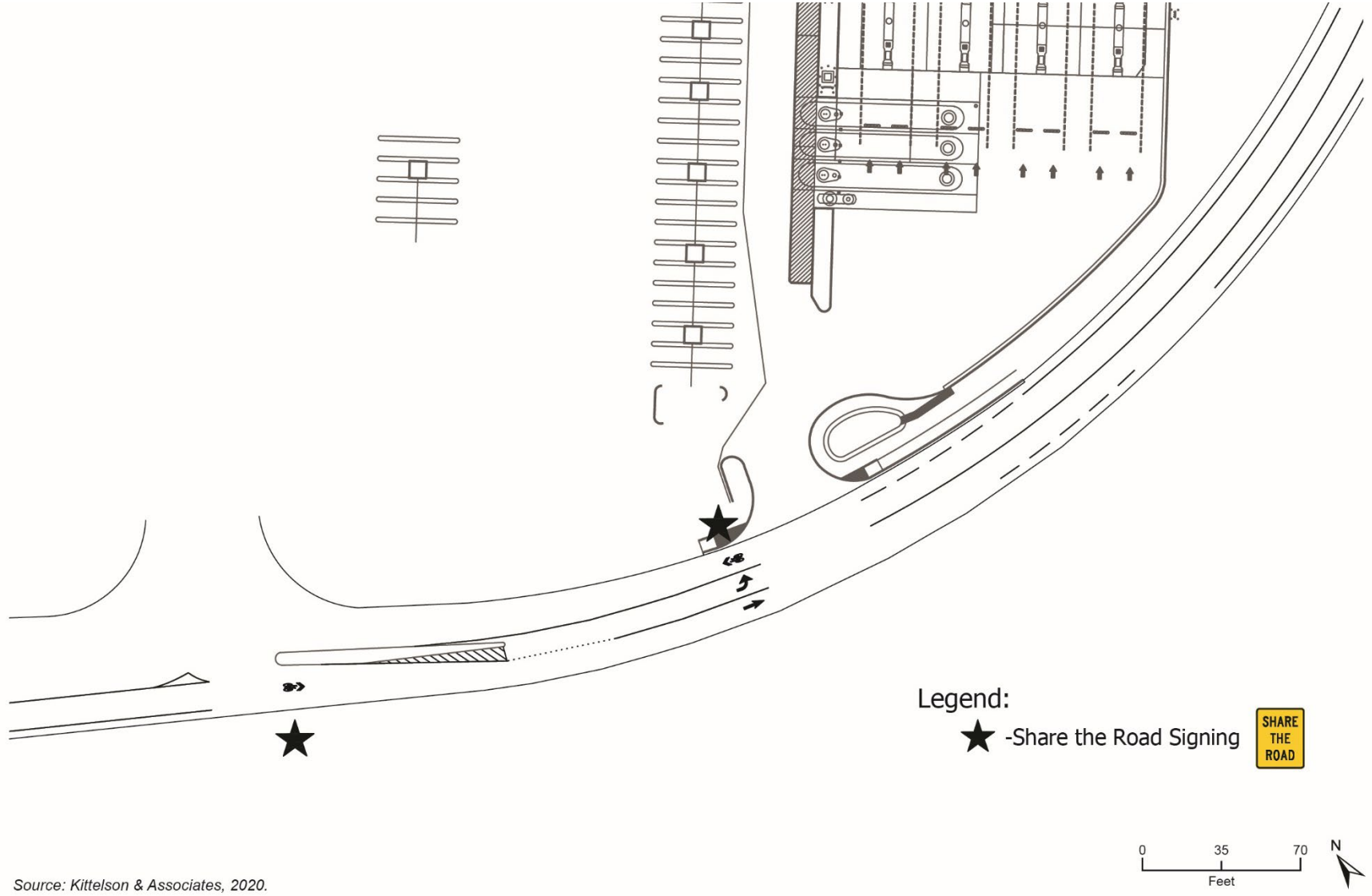
Source: MG2, 4/17/2020.

Figure 2-4 Project Site Plan



Source: MG2, 2020

Figure 2-5 Vintage Way Striping Modification



Source: Kittelson & Associates, 2020.

The project will provide a net increase of approximately 6,086 square feet of landscape area for the overall Costco development. The Vintage Oaks Design Manual requires a minimum of five percent (5%) of the interior parking area to be landscaped exclusive of required perimeter landscaping. The Precise Development Plan requires a minimum of 30 percent of shade coverage for the parking area. The project would remove 27 trees and install 6,086 square feet of new landscaping.

2.5.2 Parking and Site Access

The project would remove 129 existing parking spaces from the Costco warehouse site. Additionally, one row of 62 parking spaces and associated tree planters would be relocated two (2) feet to the northwest to allow for adequate drive aisle spacing between the parking row and fuel facility. Despite removing 129 parking stalls, Vintage Oaks would continue to conform to Novato's parking requirements for shopping centers. Notably, the Rowland Boulevard Public Works Project, which was completed in November 2022, implemented traffic calming measures and added 195 parking stalls along Rowland Boulevard behind Vintage Oaks. The additional parking stalls expand parking for employees of the businesses at Vintage Oaks, thereby reserving on-site parking for shoppers.

The project would also relocate an existing driveway on Vintage Way from approximately 320 feet south to approximately 260 feet south of the existing commercial building at 208 Vintage Way. Costco would modify a segment of Vintage Way to provide a left-turn pocket providing access to the relocated driveway. Adding the left-turn pocket would involve modifying lane striping to accommodate two vehicle travel lanes and the left turn-pocket within the existing curb-to-curb width of Vintage Way. This lane reconfiguration would result in the replacement of an approximately 200-foot segment of Class II bike lane with a Class III bicycle route (i.e., bicycles and vehicles share the same lane) and associated pavement markings and signs.

2.5.3 Utilities

The North Marin Water District (NMWD) will continue to be responsible for providing water to the project site. Wastewater services are provided by the Novato Sanitary District (NSD) and wastewater is treated at the Novato Treatment Plant (NTP). Pacific Gas & Electric Company (PG&E) supplies electricity. The project would enroll in PG&E's solar choice program and be supplied by 100 percent renewable energy. The proposed project would not connect to or utilize natural gas sources. The NSD and its franchise service provider, Recology, provide solid waste and recycling disposal services in the project vicinity for the provision of trash, recycling, and organics services to the proposed project.

The project proponent has prepared a Stormwater Control Plan (SCP), which is included as Appendix K. The SCP includes the following permanent and operational source control best management practices:

- All inlets will be marked with "No Dumping! Flows to Local Waterways" or similar.
- Landscaping will minimize irrigation and runoff and be selected for pest resistance, and will minimize the need for fertilizers and pesticides.
- Plants will be selected appropriate to site soils, slopes, climate, sun, wind, rain, land use, air movement, ecological consistency, and plant interactions.
- Landscaping will be maintained using minimum or no pesticides.
- Integrated pest management information will be provided to new owners, lessees, and operators.

- Fueling areas will have impermeable floors that are graded at the minimum slope necessary to prevent ponding. This area will be separated from the rest of the site by a grade break that prevents run-on of stormwater. The fueling area will be covered by a canopy that extends the area within the grade break. The canopy will not drain into the fueling area.
- Maintain and periodically repaint or replace inlet markings.
- Provide stormwater pollution prevention information to new site owners, lessees, or operators.
- Lease agreements will include the following provision: "Tenant shall not allow anyone to discharge anything to storm drains or to store or deposit materials so as to create a potential discharge to storm drains."
- Inspect and maintain drains to prevent blockages and overflow.
- The property owner shall dry sweep the fueling area routinely.
- Plazas, sidewalks, and parking lots will be regularly swept to prevent accumulation of litter and debris. Debris from pressure washing will be collected to prevent entry to storm drain system. Washwater containing any cleaning agent or degreaser will be collected and discharged into the sanitary sewer and not into the storm drain.

2.5.4 Construction and Grading

Costco Fuel Facility construction is anticipated to last approximately three months. Grading and excavation are required for the installation of canopy footings, USTs, product piping, stormwater improvements, and utility installation. USTs would require excavation to depths of approximately 16 feet and would be installed with 5 to 7 feet of cover. The USTs would be constructed from double-walled fiberglass and secured in place with anchoring straps (tie-downs) connected to concrete hold down deadmen. The tank excavation area would be backfilled with pea gravel and capped with an 8-inch-think reinforced concrete slab. Flexible connections would be used for all piping connections to the tanks and dispensers. The USTs would also be equipped with the latest Phase I and Phase II Enhanced Vapor Recovery (EVR) control equipment.

2.5.5 Safety Features

The proposed facility would be constructed using Costco's standard Fueling Facility Program (included as Appendix B). This program includes the following safety feature, which would be protective of public health and safety during operation of the project:

- Employees would be trained to identify maintenance requirements and physically inspect the fuel islands regularly during operating hours. Their training would include the proper spill cleanup and emergency response procedures. Trained employees check for leaking hoses, malfunctioning nozzles, fuel spills, and physical damage to the dispensers and controller enclosure. During non-operating hours, the power to the dispensers is turned off and each nozzle pad is locked. Should the system require attention beyond what the trained site person could handle, the local authorized and certified service contractor would be contacted and dispatched to repair the equipment.
- Emergency shutoff switches would be installed next to the controller enclosure and in locations near the dispensers, as dictated by the fire code. In addition, the facility would be equipped with a "911" telephone that automatically contacts emergency dispatch in addition to a regular telephone line and roam phones.

- The tank and piping monitoring system would be programmed to activate visual/audible alarms in the event of an alarm condition. A visual/audible alarm would be located on the outside of the controller enclosure and a visual/audible alarm would be located in the Costco Warehouse entry/exit area. Further, the monitoring system would be designed so that if power is lost to the monitoring console the facility is shut down and will not operate.
- Certification of the tank and piping system to meet the Federal UST leak detection standards of 95 percent probability of detection and five percent probability of false alarm. Certification of the system by SWRCB under LG-113.
- Utilize durable joint sealers to seal concrete control joints. Prevention Technologies, Inc (PTi) sealer is a petroleum-resistant sealant developed by PTi. The sealer is used to prevent petroleum products from entering the underlying soil at the concrete joints. The elasticity allows the product to maintain a tight seal even with concrete expansion.
- The underground tank and piping control units would be housed inside the controller enclosure. The enclosure would contain the power console, the dispenser interface unit, the submersible pump variable speed controllers, and the monitoring system console. An air conditioner mounted on the side of the enclosure would have a preset thermostat to maintain a safe operating temperature.
- The USTs and all containment sumps, including the dispenser sumps would be constructed with double-walled fiberglass. Fiberglass is used for its corrosion resistance and plasticity. The double-walled storage tank system includes a hydrostatic interstitial space sensor that monitors the primary and secondary tank walls. If a tank wall is compromised, the interstitial sensor would immediately shut down the product delivery system and activate a visual/audible alarm.
- The tanks would be secured in place with anchoring straps (tie-downs) connected to concrete hold down deadmen. The entire tank excavation hole would be backfilled with pea gravel and capped with an 8-inch-thick reinforced concrete slab (overburden). The tie-downs, together with the overburden, overcome any possible buoyancy factors and resist buckling under hydrostatic pressures.
- All product, vapor, and vent piping would be non-corrosive and provide three levels of protection. First, all product piping would be monitored with pressure line leak detection. Second, all piping would be double walled to provide secondary containment. Third, all fiberglass piping would be additionally monitored under vacuum per California AB 2481 regulations such that if a breach is detected in the vacuum, the product delivery system shut down and sound an audible alarm.
- All piping connections to the tanks and dispensers would be flexible. Flexible connectors are used to prevent rupture from any form of ground movement.
- All piping would slope to the sumps at the USTs. If a piping leak occurs, the gasoline would flow through the secondary pipe to the sump, where a sensor would be triggered to immediately shut down the system and activate an audible/visual alarm.
- All tanks and dispensers would be equipped with the latest Phase I and Phase II EVR air pollution control equipment technology per CARB regulations and associated Executive Orders. Phase I EVR equipment controls the vapors in the return path from the tanks back to the tanker truck during offloading filling operations. Stage I EVR systems are 98 percent effective in controlling fugitive emissions from escaping into the environment. Phase II EVR equipment controls the vapors in the return path from the vehicles back to the tanks and are 95 percent effective in controlling fugitive emissions from escaping into the environment.

- The UST monitoring system would incorporate automatic shutoffs. If gasoline is detected in the sump at the fuel dispenser, the dispenser would shut down automatically and an alarm sounded. If a problem is detected with a tank, the tank would be automatically shut down and an alarm sounded. If the product piping system detects a failure of the 0.1 gallons per hour test, the line would be automatically shut down and the alarm sounded. Pursuant to federal requirements, monitoring equipment must be able to detect a minimum leak of 3 gallons per hour (equivalent to the accuracy of a mechanical leak detector). Proposed monitoring equipment would detect leaks at 0.1 gallons per hour.
- Each fuel dispenser would include several safety devices. Specifically, each dispenser sump would be equipped with an automatic shutoff valve to protect against vehicle impact. In addition, each fuel hose would include a poppeted breakaway device that will stop the flow of fuel at both ends of the hose in the event of an accidental drive-off. Also, each dispenser would be equipped with internal fire extinguishers. Lastly, all dispensers would include leak detection sensors connected to the alarm console inside the controller enclosure.

2.6 Project Objectives

- Develop a new fuel facility as an extension of the Costco Wholesale in the Vintage Oaks Shopping Center to support the fueling needs of Costco members.
- Design and construct a project in accordance with Costco's Fueling Facility Program that provides details on proposed safety and design features intended to provide environmental safeguards and prevent public health or hazardous materials issues.
- Develop a fuel facility of a design providing safe and efficient vehicle circulation (customer vehicles and fuel trucks) and minimizing customer wait and vehicle idling times.

2.7 Required Approvals

The City of Novato is the sole agency with the authority to approve the proposed project's land use entitlements, including:

- **Use Permit.** The Vintage Oaks Precise Development Plan (PDP), the primary zoning/land use regulatory document applicable to the site, requires approval of a use permit for gas stations.
- **Design Review**. Design Review is required for new commercial development projects. A recommendation from the Design Review Commission on the project's design, architecture, and landscaping was made on October 7, 2020.

The following service districts require their own permits to approve the construction detail design and inspection and acceptance of various project serving improvements:

- **Novato Fire Protection District (NFPD)** would determine compliance with local fire code requirements for emergency access and life safety systems (e.g., fire sprinklers).
- **Novato Sanitary District (NSD)** is the wastewater utility at the project site. The sanitary district would review the project design and construction of new wastewater infrastructure associated with the project.
- **North Marin Water District (NMWD)** is the domestic and recycled water provider at the site. New domestic and recycled water connections will need to be designed to NMWD standards and approved by NMWD.

The following regional, state, and federal agencies would require their own permits, inspections, reporting and/or certifications prior to construction and/or operation of the gas station:

- **United States Environmental Protection Agency (USEPA)**
  - USEPA National Emissions Standards for Hazardous Air Pollutants Subpart CCCCCC (National Emission Standards for Hazardous Air Pollutants [NESHAP] 6C)
    - 120-Day Initial Notification for Gasoline Dispensing Facilities
    - 60-Day Notification of Performance Test
    - 180-Day Notification of Compliance Status/ Testing and Reports for Gasoline Dispensing Facilities
  - Tier II Chemical Reporting
  - Emergency Planning and Community Right-to-Know Act Hazardous Chemical Inventory Reporting
  - Class A/B Operator Training
- **California Department of Industrial Relations**
  - Trench/Excavation Permit
- **Marin County Certified Unified Program Agency (CUPA)**
  - Hazardous Materials/Waste Management Plan
  - Underground Storage Tank Permit to Install
- **Marin County Department of Agriculture, Weights, and Measures**
  - Gas Pump Inspection/Certification
- **Bay Area Air Quality Management District**
  - Authority to Construct/Permit to Operate
- **Regional Water Quality Control Board**
  - NPDES Construction General Permit

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3 Environmental Setting

This section provides a general overview of the environmental setting for the proposed project. This section establishes the baseline conditions at the time of publication of the Notice of Preparation (NOP), against which the potential environmental impacts of the proposed project are analyzed in Section 4, *Environmental Impact Analysis*. Any deviations from the baseline condition at the time of NOP publication are also described below and/or in Section 4, *Environmental Impact Analysis*, if applicable. More detailed descriptions of the environmental setting for each specific environmental issue area can be found in Section 4, *Environmental Impact Analysis*.

3.1 Regional Setting

The project site is located in the City of Novato, in the greater North Bay region of the San Francisco Bay Area. Novato is the northernmost city in Marin County. The North Bay is topographically varied, with mountains, valleys, agricultural land, and distinct urban areas all within close proximity of the Pacific Ocean and bays. The Mediterranean climate and coastal influence produce moderate temperatures year round, with rainfall concentrated in the winter months. The region is subject to a range of natural hazards, including earthquakes, flooding, landslides, and wildfires.

Novato is a suburban-scaled city framed by undeveloped hillsides and the open water of San Pablo Bay. The City is located northwest of San Pablo Bay approximately 29 miles north of San Francisco, 37 miles northwest of Oakland, and approximately 35 miles north of the San Francisco International Airport. The City is bordered by unincorporated areas of Marin County. Much of the urbanized area of Novato occupies a flat northwest-trending valley that follows Novato Creek, Vineyard Creek, Warner Creek and other tributaries flowing southeast from the hills to the Bay.

Highway 101 transverses the City from north to south and State Route (SR) 37 transverses the eastern portion of the City. Rail lines are located in the vicinity of the project site east of Highway 101. The rail line connects to the City of Petaluma to the north and the City of San Rafael to the south and connects to a national rail line to the east via the railroad tracks along SR 37. The Sonoma-Marin Area Rail Transit (SMART) Main Line has three stops in the City of Novato: Novato San Marin at 7700 Redwood Boulevard, Novato Downtown at 695 Grant Avenue, and Novato Hamilton at 10 Main Gate Road.

Novato is a primarily a residential community where most of the development is single-family one- and two-story buildings. The Vintage Oaks Shopping Center, which contains the project site, is one of the larger commercial areas in the city.

Novato is located within the Marin County subregion of the San Francisco Air Basin (Basin). Due to the proximity of the San Francisco Bay and Pacific Ocean, the climate in the Basin is characterized by warm dry summers and cool moist winters. The average annual maximum and minimum temperature at this air monitoring site is 70.0 and 47.9 degrees Fahrenheit, respectively. The average maximum temperature in July and August is around 81 degrees Fahrenheit, with average minimum temperatures in December and January around 41 degrees Fahrenheit. The average annual rainfall at this air monitoring location is 35.59 inches (Western Regional Climate Center 2023).

3.2 Project Site Setting

As shown in Figure 2-2 in Section 2, *Project Description,* the project site is located at the southern end of the Vintage Oaks Shopping Center. The site is located across US 101 from a residential development and is located near open space areas to the south and east. The site includes a segment of Vintage Way, which is located adjacent to a commercial building and parking lot to the south of the site.

The project site is currently developed with a surface parking lot that provides parking for customers of the Vintage Oaks Shopping Center. The site has a General Plan land use designation of General Commercial (CG) and is zoned Planned District (PD) and is subject to the land use and development requirements of the Vintage Oaks Precise Development Plan (PDP).

3.3 Cumulative Setting

In addition to the specific impacts of the individual proposed project, CEQA requires an EIR to consider potential cumulative impacts of the proposed project. CEQA defines "cumulative impacts" as two or more individual impacts that, when considered together, are substantial or will compound other environmental impacts. Cumulative impacts are the combined changes in the environment that result from the incremental impact of development of the proposed project and other nearby projects. For example, noise impacts of two nearby projects may be less than significant when analyzed separately, but could have a significant impact when analyzed together. Cumulative impact analysis allows the EIR to provide a reasonable forecast of future environmental conditions and can more accurately gauge the effects of a series of projects. Cumulative analysis involves a two-step process. In the first step, the impacts of the proposed project and cumulative projects are considered together to gauge whether a cumulative impact would occur compared to baseline/background conditions. If the first step indicates a significant cumulative impact, the second step is to determine whether the proposed project's incremental contribution to the cumulative significant impact is deemed to be of a "cumulatively considerable" nature. If it is, then the project is found to have a significant cumulative impact.

CEQA requires cumulative impact analysis in EIRs to consider either a list of planned and pending projects that may contribute to cumulative effects or a forecast of future development potential. This EIR uses the list-based approach for the cumulative analysis in Section 4, *Environmental Impact Analysis*, unless otherwise stated in the topical sections. Each chapter within Section 4, *Environmental Impact Analysis*, explains the geographic setting for the cumulative analysis given that some cumulative effects tend to be fairly localized while others (e.g., greenhouse gas emissions or energy) are more appropriately considered at a regional or statewide scale based on their nature.

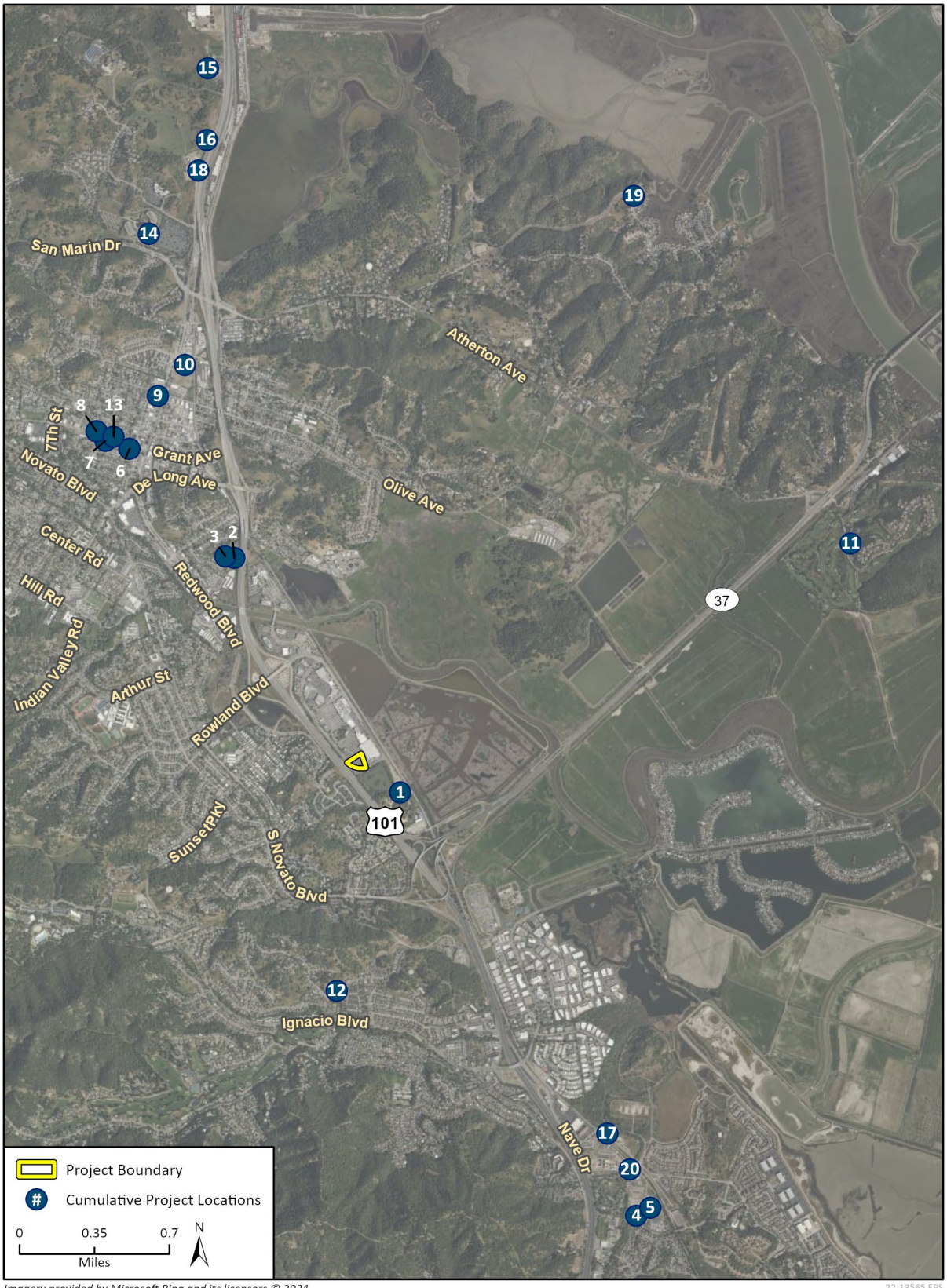
Currently planned and pending projects in Novato are listed in Table 3-1 and shown in Figure 3-1. In particular, the Hannah Ranch Mixed Use project is located in close proximity and along the same roadways as the project site. These projects are considered in the cumulative analyses in Section 4, *Environmental Impact Analysis*.

Table 3-1 Cumulative Projects List

Project Number	Project Name	Project Location[1]	Proposed Development	Project Status
1	Hanna Ranch Mixed Use	End of Rowland Boulevard at Vintage Way	125-room hotel with 1,000 -square feet (sf) meeting facilities; 12,500-sf retail; 26,200-sf office; 11,158-sf restaurant; 24-pump gas station	Under Review
2	Landing Court Apartments	200 Landing Court	301 residential units	Under Review
3	The Pavilions at Eco Village	200 Landing Court	28 live/work units	Under Review
4	C Street Village	970 C Street	32 townhomes; 8 carriage flats; 3,738-sf common clubhouse	Under Review
5	North Bay Children's Center	932 C Street	19,824-sf childcare center	Approved
6	First and Grant Mixed Use	1107 Grant Avenue	170 residential units; 6.800-sf commercial	Under Review
7	1301 Grant Ave	1301 Grant Avenue	3,250-sf retail	Construction Completed
8	4th and Grant Mixed Use	1316 Grant Avenue	209 dwelling units; 5,300-sf commercial	Under Review
9	Village at Novato	Redwood Boulevard at Olive Avenue	178 residential units; 14,000-sf retail	Approved
10	Residence Inn	7546 Redwood Boulevard	100-room hotel	Under Construction
11	Stone Tree Driving Range	9 Stone Tree Lane	Golf course driving range	Under Review
12	Greek Orthodox Church	1110 Highland Drive	3,500-sf addition	Under Review
13	3rd and Grant Mixed Use	1212 Grant Avenue	56 residential units; 1,735-sf commercial	Approved
14	777 San Marin	777 San Marin Drive	1,300 residential units	Approved
15	Habitat Redwood	8161 Redwood Boulevard	80 residential units	Approved
16	Valley Oaks	Redwood Boulevard at Pinkston Road	81 residential units	Approved
17	Homeward Bound	1339 North Hamilton Parkway	50 residential units	Under Construction
18	7711 Redwood (Verandah)	7711 Redwood Boulevard	80 residential units	Under Construction
19	Bahia River View	Bahia Drive, west of Topaz Drive	5 residential units	Approved
20	Hamilton Village	804 State Access Road	75 residential units	Construction Completed

Source: City of Novato 2023

Figure 3-1 Cumulative Project Locations



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22-13565 EPS
Fig 3-1 Cumulative Project Locations

4 Environmental Impact Analysis

This section discusses the possible environmental effects of the Costco Fuel Center Project for the specific issue areas that were identified through the scoping process as having the potential to experience significant effects. A "significant effect" as defined by the *CEQA Guidelines* Section 15382:

> …means a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance. An economic or social change by itself shall not be considered a significant effect on the environment. A social or economic change related to a physical change may be considered in determining whether the physical change is significant.

The assessment of each issue area begins with a discussion of the environmental setting related to the issue, which is followed by the impact analysis. In the impact analysis, the first subsection identifies the methodologies used and the "significance thresholds," which are those criteria adopted by the City and other agencies, universally recognized, or developed specifically for this analysis to determine whether potential effects are significant. The next subsection describes each impact of the proposed project, any feasible mitigation measures for significant impacts, and the level of significance after implementation of mitigation measures. Each effect under consideration for an issue area is separately listed in bold text with the discussion of the effect. Each bolded impact statement also contains a statement of the significance determination for the environmental impact as follows:

- **Significant and Unavoidable**. An impact that cannot be reduced to below the threshold level given reasonably available and feasible mitigation measures. Such an impact requires a Statement of Overriding Considerations to be adopted if the project is approved per Section 15093 of the *CEQA Guidelines*.
- **Less than Significant with Mitigation Incorporated**. An impact that can be reduced to below the threshold level given reasonably available and feasible mitigation measures. Such an impact requires findings under Section 15091 of the *CEQA Guidelines*.
- **Less than Significant**. An impact that may be adverse but does not exceed the threshold levels and thus does not require mitigation measures. However, mitigation measures that could further lessen the environmental effect may be suggested if readily available and easily achievable.
- **No Impact.** The proposed project would have no effect on environmental conditions or would reduce existing environmental problems or hazards.

Following each environmental impact discussion is a list of mitigation measures (if the impact is significant and one or more mitigation measure is deemed feasible) and the residual effects or level of significance remaining after implementation of the measure(s). In cases where the mitigation measure for an impact could have a significant environmental impact in another issue area, this impact is discussed and evaluated as a secondary impact. The impact analysis concludes with a discussion of cumulative effects, which evaluates the impacts associated with the proposed project in conjunction with other planned and pending developments as discussed in Section 3, *Environmental Setting*.

The Executive Summary of this EIR summarizes all impacts and mitigation measures that would be generated by the proposed project.

4.1 Air Quality

This section addresses the air emissions generated by construction and operation of the project, including emissions that may lead to odors. The analysis also addresses the consistency of the project with the air quality policies in the Bay Area Air District's (Air District) Clean Air Plan. The analysis of project-generated air emissions focuses on whether the project would cause an exceedance of an ambient air quality standard or Air District significance thresholds.

4.1.1 Setting

a. Climate and Topography

Novato is located in Marin County, a subregion of the San Francisco Bay Area Air Basin (SFBAAB). The SFBAAB includes the counties of San Francisco, Santa Clara, San Mateo, Marin, Napa, Contra Costa, and Alameda, along with the southeast portion of Sonoma County and the southwest portion of Solano County. Marin County is south of Sonoma County, bounded by San Pablo Bay and San Francisco Bay to the south and east, and bounded by the Pacific Ocean to the west.

Due to the proximity of San Francisco Bay and the Pacific Ocean, the climate in the SFBAAB is characterized by warm dry summers and cool moist winters. The nearest weather station data is approximately six miles from Novato at the San Rafael Civic Center. The average annual maximum and minimum temperature at this air monitoring site is 70.0 and 47.9 degrees Fahrenheit, respectively. The average annual rainfall at this air monitoring location is 35.59 inches (Western Regional Climate Center 2023).

The major large-scale weather feature controlling climate in Novato is a large high-pressure system located in the eastern Pacific Ocean, known as the Pacific High. During winter months, marine air trapped in the lower atmosphere is often condensed into fog by the cool Pacific Ocean. Stratus-type clouds usually form offshore and move into the area during the evening hours. During winter months, the Pacific High becomes weaker and shifts south, allowing weather systems associated with the polar jet stream to affect the region. Low pressure systems produce periods of cloudiness, strong shifting winds, and precipitation. High-pressure systems are also common in winter, with low-level inversions that produce cool stagnant conditions.

b. Air Pollutants of Primary Concern

The federal and State Clean Air Act (CAA) mandate the control and reduction of certain air pollutants. Under these laws, the United States Environmental Protection Agency (USEPA) and the California Air Resource Board (CARB) have established the National Ambient Air Quality Standards (NAAQS) and the California Ambient Air Quality Standards (CAAQS) for "criteria pollutants" and other pollutants, which are discussed in more detail under Section 4.1.2, *Regulatory Setting*. Primary criteria pollutants are emitted directly from a source (e.g., vehicle tailpipe, an exhaust stack of a factory, etc.) into the atmosphere and include carbon monoxide (CO), volatile organic compounds (VOC)/reactive organic gases (ROG),[1] nitric dioxide (NO_2), particulate matter, sulfur dioxide (SO_2), and lead (Pb). Secondary criteria pollutants are created by atmospheric chemical and photochemical

[1] CARB defines VOC and ROG similarly as, "any compound of carbon excluding carbon monoxide, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate," with the exception that VOC are compounds that participate in atmospheric photochemical reactions. For the purposes of this analysis, ROG and VOC are considered comparable in terms of mass emissions, and the term ROG is used in this EIR.

reactions primarily between VOC and NO_X. Secondary pollutants include oxidants, ozone (O_3), and sulfate and nitrate particulates (smog). The characteristics, sources and effects of criteria pollutants are discussed in the following subsections.

Reactive Organic Gases

ROGs are compounds that have a high vapor pressure and low water solubility. Many are human made chemicals used in manufacturing paints, pharmaceuticals, and refrigerants and are used as industrial solvents. ROGs are emitted from both solids and liquids and include a variety of chemicals with adverse short and long-term adverse health effects (USEPA 2024). ROGs typically associated with gasoline fueling include benzene, ethylbenzene, toluene, xylene and naphthalene.

Ozone

Ozone (O_3) is a highly oxidative unstable gas produced by a photochemical reaction (triggered by sunlight) between NO_X and ROG. ROG is composed of non-methane hydrocarbons (with specific exclusions), and NO_X is composed of different chemical combinations of nitrogen and oxygen, mainly nitric oxide and nitrogen dioxide (NO_2). NO_X is formed during the combustion of fuels, while VOC is formed during the combustion and evaporation of organic solvents. As a highly reactive molecule, O_3 readily combines with many different atmosphere components. Consequently, high O_3 levels tend to exist only while high VOC and NO_X levels are present to sustain the O_3 formation process. Once the precursors have been depleted, O_3 levels rapidly decline. Because these reactions occur on a regional rather than local scale, O_3 is considered a regional pollutant. In addition, because O_3 requires sunlight to form, it mainly occurs in concentrations considered serious between April and October. People most at risk from O_3 include people with asthma, children, older adults, and people who are active outdoors, especially outdoor workers. In addition, people with reduced intake of certain nutrients, such as vitamins C and E, are at greater risk from O_3 exposure. Depending on the level of exposure, O_3 can cause coughing and a sore or scratchy throat; make it more difficult to breathe deeply and vigorously and cause pain when taking a deep breath; inflame and damage the airways; make the lungs more susceptible to infection; aggravate lung diseases such as asthma, emphysema, and chronic bronchitis; and increase the frequency of asthma attacks (USEPA 2023a).

Carbon Monoxide

Carbon Monoxide (CO) is a localized pollutant found in high concentrations only near its source. The primary source of CO, a colorless, odorless, poisonous gas, is automobile traffic's incomplete combustion of petroleum fuels. Therefore, elevated concentrations are usually only found near areas of high traffic volumes. When CO levels are elevated outdoors, they can be of particular concern for people with some types of heart disease. These people already have a reduced ability to get oxygenated blood to their hearts in situations where they need more oxygen than usual. As a result, they are especially vulnerable to the effects of CO when exercising or under increased stress. In these situations, short-term exposure to elevated CO may result in reduced oxygen to the heart accompanied by chest pain, also known as angina (USEPA 2023b).

Nitrogen Oxides

Nitrogen oxides (NO_x), include nitrogen dioxide (NO_2), nitrogen oxide (NO), and other compounds of nitrogen and oxygen. The principal form of NO_x produced by combustion of fuels is nitric oxide (NO). NO reacts rapidly with atmospheric oxygen to form NO_2, creating a mixture of NO and NO_2, in

proximity to the combustion source. This mixture of NO and NO_2 is commonly called NO_x. NO_2 is a by-product of coal, oil, gas, or diesel fuel combustion. The primary sources are motor vehicles and industrial boilers, and furnaces. NO_2 is a reactive, oxidizing gas and an acute irritant capable of damaging cell linings in the respiratory tract. Breathing air with a high concentration of NO_2 can irritate airways in the human respiratory system. Such exposures over short periods can aggravate respiratory diseases leading to respiratory symptoms (such as coughing, wheezing, or difficulty breathing), hospital admissions, and visits to emergency rooms. Longer exposures to elevated concentrations of NO_2 may contribute to the development of asthma and potentially increase susceptibility to respiratory infections. People with asthma and children and the elderly are generally at greater risk for the health effects of NO_2 (USEPA 2023c). NO_2 absorbs blue light and causes a reddish-brown cast to the atmosphere and reduced visibility. It can also contribute to the formation of O_3/smog and acid rain.

Particulate Matter

Suspended atmospheric PM_{10} (particular matter with diameter of 10 microns or less) and $PM_{2.5}$ (particulate matter with diameter of 2.5 microns or less) are comprised of finely divided solids and liquids such as dust, soot, aerosols, fumes, and mist. Both PM_{10} and $PM_{2.5}$ are emitted into the atmosphere as by-products of coal, gas, or diesel fuel combustion and wind erosion of soil and unpaved roads. The atmosphere, through chemical reactions, can form particulate matter. The characteristics, sources, and potential health effects of PM_{10} and $PM_{2.5}$ can be very different. PM_{10} is generally associated with dust mobilized by wind and vehicles. In contrast, $PM_{2.5}$ is generally associated with combustion processes and formation in the atmosphere as a secondary pollutant through chemical reactions. PM_{10} can cause increased respiratory disease, lung damage, cancer, premature death, reduced visibility, and surface soiling. For $PM_{2.5}$, short-term exposures (up to 24-hours duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases (CARB 2023a).

Sulfur Dioxide

Sulfur Dioxide (SO_2) is included in a group of highly reactive gases known as “oxides of sulfur.” The largest sources of SO_2 emissions are from fossil fuel combustion at power plants (73 percent) and other industrial facilities (20 percent). Smaller sources of SO_2 emissions include industrial processes such as extracting metal from ore and burning fuels with a high sulfur content by locomotives, large ships, and off-road equipment. Short-term exposures to SO_2 can harm the human respiratory system and make breathing difficult. People with asthma, particularly children, are sensitive to these effects of SO_2 (USEPA 2023d).

Lead

Lead (Pb) is a metal found naturally in the environment, as well as in manufacturing products. The major sources of lead emissions historically have been mobile and industrial. However, due to the USEPA ’s regulatory efforts to remove lead from gasoline, atmospheric lead concentrations have declined substantially over the past several decades. The most dramatic reductions in lead emissions occurred before 1990 due to the removal of lead from gasoline sold for most highway vehicles. Lead emissions were further reduced substantially between 1990 and 2008, with reductions occurring in the metals industries at least partly due to national emissions standards for

hazardous air pollutants (USEPA 2014). As a result of phasing out leaded gasoline, metal processing is currently the primary source of lead emissions. The highest lead level in the air is generally found near lead smelters. Other stationary sources include waste incinerators, utilities, and lead-acid battery manufacturers. Lead can adversely affect the nervous system, kidney function, immune system, reproductive and developmental systems, and cardiovascular system depending on exposure. Lead exposure also affects the oxygen-carrying capacity of the blood. The lead effects most likely encountered in current populations are neurological in children. Infants and young children are susceptible to lead exposures, contributing to behavioral problems, learning deficits, and lowered IQ (USEPA 2023e).

Toxic Air Contaminants

In addition to the criteria pollutants discussed above, Toxic Air Contaminants (TAC) are airborne substances and a diverse group of air pollutants that may cause or contribute to an increase in deaths or serious illness, or that may pose a present or potential hazard to human health. TACs include both organic and inorganic chemical substances that may be emitted from a variety of common sources, including gasoline stations, motor vehicles, dry cleaners, industrial operations, painting operations, and research and teaching facilities. One of the main sources of TACs in California is diesel engine exhaust that contains solid material known as diesel particulate matter (DPM). More than 90 percent of DPM is less than one micron in diameter (about $1/70^{th}$ the diameter of a human hair) and thus is a subset of $PM_{2.5}$. Because of their extremely small size, these particles can be inhaled and eventually trapped in the bronchial and alveolar regions of the lungs (CARB 2023a).

TACs are different than criteria pollutants because ambient air quality standards have not been established for TACs. TACs occurring at extremely low levels may still cause health effects and it is typically difficult to identify levels of exposure that do not produce adverse health effects. TAC impacts are described by carcinogenic risk and by chronic (i.e., long duration) and acute (i.e., severe but of short duration) adverse effects on human health. People exposed to TACs at sufficient concentrations and durations may have an increased chance of getting cancer or experiencing other serious health effects. These health effects can include damage to the immune system, as well as neurological, reproductive (e.g., reduced fertility), developmental, respiratory, and other health problems (USEPA 2023f).

Current Air Quality

CARB operates a network of air quality monitoring stations throughout Marin County. The monitoring stations aim to measure ambient concentrations of pollutants and determine whether ambient air quality meets the California and federal standards. The closest monitoring station to the project site is the San Rafael Station, located at 534 4^{th} Street in San Rafael, approximately 9 miles southwest of the project site. The San Rafael Station monitors for O_3, PM_{10}, $PM_{2.5}$ and NO_2. Table 4.1-1 indicates the number of days each federal and state standard were exceeded. As shown, no state or federal standards were exceeded at these monitoring stations between 2021 and 2023. Since SO_2 is in attainment with the SFBAAB region, it is not monitored at the nearest air monitoring stations and therefore ambient air quality is not reported for this pollutant. CO is no longer monitored at this site. CO is taken from USEPA data for Marin County.

Table 4.1-1 Representative Annual Ambient Air Quality Data

Pollutant	2021	2022	2023
Ozone (ppm), Highest 1-Hour	0.082	0.074	0.066
Number of days above CAAQS (>0.09 ppm)	0	0	0
Ozone (ppm), Highest 8-Hour Average	0.066	0.066	0.053
Number of days above NAAQS and CAAQS (>0.070 ppm)	0	0	0
Carbon Monoxide (ppm), Highest 8-Hour Average	0.8	0.8	0.8
Number of days above CAAQS or NAAQS (>9.0 ppm)	0	0	0
Nitrogen Dioxide (ppm), Highest 1 Hour	0.038	0.035	0.040
Number of days above CAAQS (>0.180 ppm)	0	0	0
Number of days above NAAQS (>0.100 ppm)	0	0	0
PM_{10}- Particulate Matter <10 microns (mg/m^3), Highest 24-Hour Average	30	40	41.9
Number of days above CAAQS (>50 mg/m^3)	0	0	0
Number of days above NAAQS (>150 mg/m^3)	0	0	0
$PM_{2.5}$- Particulate Matter <2.5 microns (mg/m^3), Highest 24-Hour Average	29.1	30.8	34.7
Number of days above NAAQS (>35 mg/m^3)	0	0	0

ppm = parts per million; $\mu g/m^3$ = micrograms per cubic meter; CAAQS = California Ambient Air Quality Standard; NAAQS = National Ambient Air Quality Standard

Note: The ambient air quality data presented in this table is intended to be representative of existing conditions and is not a comprehensive summary of all monitoring efforts for all the CAAQS and NAAQS. Additional ambient air quality data can be accessed at https://www.epa.gov/outdoor-air-quality-data/monitor-values-report.

Source: CARB 2025; USEPA 2025g

Sensitive Receptors

According to CARB, sensitive receptors include residences, long-term health care facilities, rehabilitation centers, convalescent centers, hospitals, retirement homes, schools, playgrounds, and childcare centers (CARB 2005). The closest sensitive receptor to the project site is the residential development located approximately 450 feet west of the project site. The pediatric medical offices directly across from the Costco parking lot do not represent a sensitive receptor with respect to health risk because, while sensitive groups (children) do occupy the building at times, an individual child is only there for a limited amount of time per day and daily occupation by the same child is limited to only a few times per year. These offices are included as worker receptors for health risk and as receptors for acute impacts where people may be located for over an hour. The exposure time of children at this location is considered minimal and the facility is considered a non-sensitive receptor.

4.1.2 Regulatory Setting

a. Federal Laws and Regulations

The CAA was enacted in 1970 and amended in 1977 and 1990 [42 United States Code (USC) 7401] for the purposes of protecting and enhancing the quality of the nation's air resources to benefit public health, welfare, and productivity. In 1971, to achieve the purposes of Section 109 of the CAA (42 USC 7409), USEPA developed primary and secondary NAAQS.

The primary NAAQS "in the judgment of the Administrator[2], based on such criteria and allowing an adequate margin of safety, are requisite to protect the public health," and the secondary standards are to "protect the public welfare from any known or anticipated adverse effects associated with the presence of such air pollutant in the ambient air" (42 USC 7409[b][2]). USEPA classifies specific geographic areas as either "attainment" or "nonattainment" areas for each pollutant based on the comparison of measured data with the NAAQS[3]. Each state is required to adopt an enforceable plan, known as a State Implementation Plan (SIP), to achieve and maintain air quality meeting the NAAQS. State plans also must control emissions that drift across state lines and harm air quality in downwind states. Once a nonattainment area has achieved the air quality standards for a particular pollutant, it may be redesignated to an attainment area for that pollutant. To be redesignated, the area must meet air quality standards and have a 10-year plan for continuing to meet and maintain air quality standards, as well as satisfy other requirements of the federal CAA. Areas that have been redesignated to attainment are called maintenance areas. Table 4.1-1 lists the current federal standards for regulated pollutants. The project site is within Marin County jurisdiction, which currently exceeds the NAAQS for 8-hour O_3 and 24-hour $PM_{2.5}$.

Table 4.1-2 Federal and State Ambient Air Quality Standards

Pollutant	NAAQS	CAAQS	NAAQS Status	CAAQS Status
Ozone	0.070 ppm (8-hr avg)	0.09 ppm (1-hr avg) 0.070 ppm (8-hr avg)	Nonattainment (Marginal)	Nonattainment
Carbon Monoxide	35.0 ppm (1-hr avg) 9.0 ppm (8-hr avg)	20.0 ppm (1-hr avg) 9.0 ppm (8-hr avg)	Unclassified/ Attainment	Unclassified/ Attainment
Nitrogen Dioxide	0.100 ppm (1-hr avg) 0.053 ppm (annual avg)	0.18 ppm (1-hr avg) 0.030 ppm (annual avg)	Unclassified/ Attainment	Unclassified/ Attainment
Sulfur Dioxide	0.075 ppm (1-hr avg) 0.5 ppm (3-hr avg) 0.14 ppm (24-hr avg) 0.030 ppm (annual avg)	0.25 ppm (1-hr avg) 0.04 ppm (24-hr avg)	Unclassified/ Attainment	Unclassified/ Attainment
Lead	0.15 mg/m^3 (rolling 3-month avg) 1.5 mg/m^3 (calendar quarter)	1.5 mg/m^3 (30-day avg)	Unclassified/ Attainment	Unclassified/ Attainment
Particulate Matter (PM_{10})	150 mg/m^3 (24-hr avg)	50 mg/m^3 (24-hr avg) 20 mg/m^3 (annual avg)	Unclassified/ Attainment	Nonattainment
Particulate Matter ($PM_{2.5}$)	35 mg/m^3 (24-hr avg) 12 mg/m^3 (annual avg)	9 mg/m^3 (annual avg)	Nonattainment (Moderate)	Nonattainment
Visibility-Reducing Particles	No federal standards	Extinction coefficient of 0.23 per kilometer – visibility of ten miles or more (0.07 - 30 miles or more for Lake Tahoe) due to particles when relative humidity is less than 70 percent. Method: Beta Attenuation and Transmittance through Filter Tape. (8-hr avg)	N/A	Unclassified/ Attainment

[2] The term "Administrator" means the Administrator of the USEPA.
[3] Air quality in a geographic area meets or is cleaner than the national standard is called an attainment area (designated "attainment/unclassifiable"). Areas that don't meet the national standard are called nonattainment areas.

Pollutant	NAAQS	CAAQS	NAAQS Status	CAAQS Status
Sulfates	No federal standards	25 mg/m^3 (24-hr avg)	N/A	Unclassified/ Attainment
Hydrogen Sulfide	No federal standards	0.03 ppm (1-hr avg)	N/A	Unclassified/ Attainment
Vinyl Chloride	No federal standards	0.01 ppm (24-hr avg)	N/A	Unclassified/ Attainment

NAAQS = National Ambient Air Quality Standards; CAAQS = California Ambient Air Quality Standards; ppm = parts per million; avg = average; µg/m^3 = micrograms per cubic meter

Source: CARB 2016, 2022; USEPA 2023i

To derive the NAAQS, USEPA reviews data from integrated science assessments and risk/exposure assessments to determine the ambient pollutant concentrations at which human health impacts occur, then reduces these concentrations to establish a margin of safety (USEPA 2022). As a result, human health impacts caused by the air pollutants discussed above may affect people when ambient air pollutant concentrations are at or above the concentrations established by the NAAQS. The closer a region is to attainting a particular NAAQS, the lower the human health impact is from that pollutant (San Joaquin Valley Air Pollution Control District 2015). Accordingly, ambient air pollutant concentrations below the NAAQS are considered to be protective of human health (CARB 2023c, 2023d). The NAAQS and the underlying science that forms the basis of the NAAQS are reviewed every five years to determine whether updates are necessary to continue protecting public health with an adequate margin of safety (USEPA 2015).

Construction Equipment Fuel Efficiency Standard

The USEPA sets emission standards for construction equipment. The first federal standards (Tier 1) were adopted in 1994 for all off-road engines over 50 horsepower (hp) and were phased in by 2000. A new standard was adopted in 1998 that introduced Tier 1 for all equipment below 50 hp and established the Tier 2 and Tier 3 standards. The Tier 2 and Tier 3 standards were phased in by 2008 for all equipment. The current iteration of emissions standards for construction equipment are the Tier 4 efficiency requirements, which are contained in 40 Code of Federal Regulations Parts 1039, 1065, and 1068 (originally adopted in 69 Federal Register 38958 [June 29, 2004], and most recently updated in 2014 [79 Federal Register 46356]). Emissions requirements for new off-road Tier 4 vehicles were completely phased in by the end of 2015. This requirement is for the manufacture and purchase of new equipment and does not prohibit construction contractors from using non-Tier 4 equipment in their operations.

b. State Laws and Regulations

California Clean Air Act

The California Clean Air Act (CCAA) was enacted in 1988 (California Health & Safety Code Section 39000 et seq.). Under the CCAA, the state has developed the CAAQS, which are generally more stringent than the NAAQS. Table 4.1-2 lists the current state standards for regulated pollutants. In addition to the federal criteria pollutants, the CAAQS also specify standards for visibility-reducing particles, sulfates, hydrogen sulfide, and vinyl chloride. Similar to the federal CAA, the CCAA classifies specific geographic areas as either “attainment” or “nonattainment” areas for each pollutant, based on the comparison of measured data within the CAAQS. Marin County is

currently classified as a nonattainment area under the CAAQS for O_3, PM_{10}, and $PM_{2.5}$, and classified as an attainment area for the remaining criteria pollutants (CARB 2022).

California Air Toxics Program

In 1983, the California Legislature enacted a program to identify the health effects of TACs and to reduce exposure to these contaminants to protect the public health (Assembly Bill [AB] 1807: Health and Safety Code Sections 39650–39674). The Legislature established a two-step process to address the potential health effects from TACs. The first step is the risk assessment (or identification) phase. The second step is the risk management (or control) phase of the process. Accordingly, the California Air Toxics Program establishes the process for the identification and control of TACs and includes provisions to make the public aware of significant toxic exposures and for reducing risk.

The Air Toxics "Hot Spots" Information and Assessment Act (AB 2588, 1987, Connelly Bill) was enacted in 1987 and requires stationary sources to report the types and quantities of certain substances routinely released into the air. The goals of the Air Toxics "Hot Spots" Act are to collect emission data, identify facilities having localized impacts, ascertain health risks, notify nearby residents of significant risks, and reduce those significant risks to acceptable levels.

The Children's Environmental Health Protection Act, California Senate Bill (SB) 25 (Chapter 731, Escutia, Statutes of 1999), focuses on children's exposure to air pollutants. The act requires CARB to review its air quality standards from a children's health perspective, evaluate the statewide air quality monitoring network, and develop any additional air toxic control measures needed to protect children's health.

State Implementation Plan

The SIP is a collection of documents that set forth the state's strategies for achieving the CAAQS. In California, the SIP is a compilation of new and previously submitted plans, programs (such as monitoring, modeling, and permitting), district rules, state regulations, and federal controls. CARB is the lead agency for all purposes related to the SIP under state law. Local air districts and other agencies, such as the Department of Pesticide Regulation and the Bureau of Automotive Repair, prepare SIP elements and submit them to CARB for review and approval. CARB then forwards SIP revisions to the USEPA for approval and publication in the Federal Register. The items included in the California SIP are listed in the Code of Federal Regulations at 40 Code of Federal Regulations 52.220.

Air District's 2017 Clean Air Plan is the governing plan for Marin County. The Clean Air Plan accommodates growth by projecting the growth in emissions based on different indicators. For example, population forecasts adopted by Air District are used to forecast population-related emissions, as discussed in *Local Regulations*. Through the planning process, emissions growth is offset by basin-wide controls on stationary, area, and transportation sources of air pollution.

In-Use Off-Road Diesel-Fueled Fleets Regulation

The In-Use Off-Road Diesel-Fueled Fleets Regulation (Off-Road Regulation), adopted in 2007, applies to all self-propelled off-road diesel vehicles 25 horsepower or greater used in California and most two-engine vehicles (except on-road two-engine sweepers). This includes vehicles that are rented or leased (rental or leased fleets). CARB amended the Off-Road Regulation on November 17, 2022, which went into effect January 1, 2024.

California Code of Regulations

The California Code of Regulations is the official compilation and publication of the regulations adopted, amended, or repealed by state agencies pursuant to the Administrative Procedure Act. They are compiled into Titles and organized into Divisions containing the regulations of state agencies. The following policies in the California Code of Regulations would be applicable to the proposed project:

- **Motor Fuel Dispensing Facilities and Service Stations.** In accordance with Section 2540.7 of Title 8 of the California Code of Regulations, dispensing pumps must be equipped with a switch or other approved means to disconnect all circuits simultaneously from the source of electrical supply.
- **Engine Idling.** In accordance with Section 2485 of Title 13 of the California Code of Regulations, the idling of all diesel-fueled commercial vehicles (weighing over 10,000 pounds) during construction shall be limited to five minutes at any location.

c. Local Regulations

Air Quality Management Plan

The Air District is responsible for assuring that the federal and state ambient air quality standards are attained and maintained in the Bay Area. The Air District is also responsible for adopting and enforcing rules and regulations concerning air pollutant sources, issuing permits for stationary sources of air pollutants, inspecting stationary sources of air pollutants, responding to citizen complaints, monitoring ambient air quality and meteorological conditions, awarding grants to reduce motor vehicle emissions, conducting public education campaigns, as well as many other activities.

The Air District adopted the 2017 Clean Air Plan (2017 Plan) as an update to the 2010 Clean Air Plan in April 2017. The 2017 Plan provides a regional strategy to protect public health and the climate. To fulfill state O_3 planning requirements, the 2017 control strategy includes all feasible measures to reduce emissions of O_3 precursors—ROG and NO_X—and reduce transport of O_3 and its precursors to neighboring air basins. The 2017 Plan builds upon and enhances the Air District's efforts to reduce emissions of fine particulate matter TACs (Air District 2017).

Bay Area Air District Permits, Rules, and Regulations

Air District is responsible for the issuance of air quality permits for stationary equipment in the Bay Area and the management of the resulting air emissions. Nearly all stationary equipment that emits to the atmosphere requires an Air District permit. An air quality permit is a document that gives the permit holder authorization to build equipment and/or to operate that equipment. Each project is evaluated before a business can build and operate their equipment to ensure that all air quality requirements are met.

The Air District implements rules and regulations for emissions that may be generated by various uses and activities. The rules and regulations detail pollution-reduction measures that must be implemented during construction and operation of projects. The most notable rules and regulations applicable to the project include the following:

- **Regulation 2 (Permits):** This regulation specifies the requirements for authorities to construct and issue permits to operate facilities, including stationary sources such as gasoline stations.

- **Regulation 8, Rule 3 (Architectural Coatings):** This rule limits the quantity of volatile organic compounds that can supplied, sold, applied, and manufactured within the Air District region.
- **Regulation 8, Rule 7 (Gasoline Dispensing Facilities):** The purpose of this rule is to limit emissions of organic compounds from gasoline dispensing facilities.

Additionally, based upon its expertise and study, Air District has published CEQA Guidelines for analyzing air quality impacts, including thresholds of significance, recommended methodology, and mitigation measures, that can be employed when evaluating projects within the Air District jurisdictional area. The specific guidelines and thresholds as applied to the project are discussed in more detail in Section 4.1.3(a), below.

Novato General Plan

The following goals and policies from the 2035 Novato General Plan are applicable to air quality.

- **ES 17:** Clean Air. Work to protect and improve air quality.
- **ES 17a**: Clean Air Plan. Cooperate with the Bay Area Air Quality Management District in implementing the regional Clean Air Plan.

4.1.3 Impact Analysis

a. Significance Thresholds

To determine whether a project would result in a significant impact to air quality, Appendix G of the *CEQA Guidelines* requires consideration of whether a project would:

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

Bay Area Air District Significance Thresholds

The Air District has adopted guidelines for quantifying and determining the significance of air quality emissions in its 2022 *CEQA Air Quality Guidelines*. CARB has given jurisdiction to the individual air quality management districts to develop appropriate thresholds and policies that govern the reduction of pollutant emissions within each districts' boundaries. The Air District's suggested significance thresholds for project operations within the SFBAAB are the most appropriate thresholds for use in determining air quality impacts of the proposed project. Air District developed criteria to provide lead agencies and project applicants with a conservative indication of whether a project could result in potentially significant air quality impacts, including conflicting with state and federal ambient air quality standards. Air District thresholds are developed to ensure that projects that meet the Air District thresholds would also meet the state and federal ambient air quality standards (NAAQS and CAAQS).

Confidential

Criteria Pollutant Thresholds (Threshold 2)

Table 4.1-3 presents the significance thresholds for construction and operational-related criteria air pollutant and precursor emissions used for the purposes of assessing criteria pollutant emissions for this analysis. These represent the levels at which a project's individual emissions of criteria air pollutants or precursors would result in a cumulatively considerable contribution to the SFBAAB's existing air quality conditions. For the purposes of this analysis, the proposed project would result in a significant impact if construction or operational emissions would exceed any of the thresholds shown in Table 4.1-3.

Table 4.1-3 Air Quality Thresholds of Significance

Pollutant/Precursor	Construction: Average Daily Emissions (lbs/day)	Operation: Maximum Annual Emissions (tpy)	Operation: Average Daily Emissions (lbs/day)
ROG	54	10	54
NO_X	54	10	54
PM_{10}	82 (exhaust)	15	82
$PM_{2.5}$	54 (exhaust)	10	54

Notes: lbs/day = pounds per day; tpy = tons per year; ROG = reactive organic gases; NO_X = oxides of nitrogen; PM_{10} = respirable particulate matter with an aerodynamic resistance diameter of 10 micrometers or less.; $PM_{2.5}$ = fine particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less

Source: Bay Area Air District 2023a: Table 3-1.

Toxic Air Contaminant Thresholds (Threshold 3)

Additionally, the Air District's *CEQA Air Quality Guidelines* include risk and hazard significance thresholds to assess potential health risk impacts associated with a project's emissions of TACs. In accordance with these guidelines, a significant impact would occur if a project would result in:

- Non-compliance with a qualified risk reduction plan;
- An excess cancer risk level of more than 10 in one million, or a non-cancer (i.e., chronic or acute) hazard index greater than 1.0; or
- An incremental increase of greater than 0.3 micrograms per cubic meter ($\mu g/m^3$) annual average $PM_{2.5}$ concentration.

Additionally, a project would have a cumulatively considerable impact from exposing sensitive receptors to pollutant concentrations if the aggregate total of all past, present, and foreseeable future sources of TACs within a 1,000-foot radius from the property boundary results in the following:

- Non-compliance with a qualified risk reduction plan;
- An excess cancer risk level of more than 100 in one million or a chronic non-cancer hazard index (from all local sources) greater than 10.0; or
- An annual average of $PM_{2.5}$ greater than 0.8 $\mu g/m^3$.

CO Hotspot Screening (Threshold 3)

Preliminary screening provides lead agencies with a conservative indication of whether implementing the proposed project could result in carbon monoxide emissions that exceed the thresholds of significance. If all the following screening criteria are met, operation of the proposed project would result in a less-than-significant impact related to carbon monoxide:

- The project is consistent with an applicable congestion management program established by the county congestion management agency for designated roads or highways, the regional transportation plan, and local congestion management agency plans.
- Project-generated traffic would not increase traffic volumes at affected intersections to more than 44,000 vehicles per hour.
- Project-generated traffic would not increase traffic volumes at affected intersections to more than 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited (e.g., tunnel, parking garage, bridge underpass, natural or urban street canyon, below-grade roadway).

Localized NO_2 Analysis (Threshold 3)

Criteria pollutants such as NOx carry local health risks to surrounding communities. The Air District has established project-level thresholds to determine if emissions from the project would result in a significant adverse air quality impact for NOx, which includes combined levels of NO and NO_2. As such, the project-level thresholds were developed and are intended to ensure that the NAAQS and CAAQS are met. Table 4.1-3 shows the significance thresholds adopted by the Air District to determine significance for NOx (and thus NAAQS and CAAQS). Although NO_2 analysis is not required or recommended under Air District guidance, additional localized NO_2 analysis is incorporated here based on comments submitted to the City to further determine the potential impacts on nearby receptors. Localized NO_2 concentrations are compared to the 1 hour and annual NAAQS and CAAQS as converted from parts per million to micrograms per meter cubed. In this EIR, the project impact on the environment would be conservatively considered significant if project emissions plus background concentrations exceeded the following thresholds:

- NAAQS 1-hour 188 $\mu g/m^3$
- CAAQS 1-hour 339 $\mu g/m^3$
- Annual NAAQS 100 $\mu g/m^3$
- Annual CAAQS 57 $\mu g/m^3$

b. Methodology

CalEEMod Modeling Assumptions and Inputs

CalEEMod is the air quality model that quantifies ozone precursors, criteria pollutants, and greenhouse gas emissions from the construction and operation of new land use development and linear projects in California. The following assumptions were used in providing inputs to the CalEEMod model runs for the project.

Construction

Project construction is anticipated to last approximately three months and was calculated assuming that construction would begin in November of 2024. This is a conservative assumption because construction would commence in 2025 at the earliest. Using the 2024 start year provides a more conservative estimate of emissions as a less efficient standard fleet is assumed in modeling. Grading and excavation are required for the installation of canopy footings, USTs, product piping, stormwater improvements, and utility installation. USTs would require excavation to depths of approximately 16 feet and would be installed with 5 to 7 feet of cover. The analysis of construction

emissions uses default assumptions for equipment and worker, hauling, and vendor trips except as to the following more conservative assumptions that were included in this analysis:

- An excavator was added to the demolition/excavation stage to account for the excavation of the area for the underground storage tanks
- 61 daily haul truck trips were added to demolition and excavation to account for removal of parking lot demolition debris and soil exports
- 2 daily vendor trips in the building construction phase were added for material delivery;
- Worker trips were increased to 16 for building construction and 4 for architectural coating to account for the building of the station canopy as well as the control structure.

CalEEMod outputs are provided in Appendix E.

Operation

Project traffic is consistent with what is presented in the Costco Gasoline Fuel Station Addition: Transportation Impact Analysis by Kittelson & Associates Inc., dated February 2024, included as Appendix D. As stated in Appendix D, the proposed project reduces vehicle miles traveled (VMT) regionally by 702 VMT per day. The addition of the gas station would increase daily trips to the site by 4,620 trips. The energy consumption is based on the regional decrease in gasoline vehicle trips along with the increase in diesel truck trips as well as increase in idling and queueing emissions at the site.

CalEEMod outputs are provided in Appendix E.

CO Hotspot

The Air District recommends comparing a project's attributes with the following screening criteria as a first step to evaluating whether the project would result in the generation of CO concentrations that would substantially contribute to an exceedance of the thresholds of significance. The project would result in a less than significant impact to localized CO concentrations if:

1. The project is consistent with an applicable congestion management program for designated roads or highways, regional transportation plan, and local congestion management agency plans;
2. The project would not increase traffic volumes at affected intersections to more than 44,000 vehicles per hour; and
3. The project traffic would not increase traffic volumes at the affected intersections to more than 24,000 vehicles per hour where vertical and/or horizontal mixing is substantially limited (e.g., tunnel, parking garage).

Rowland Boulevard and Vintage Way would directly serve the proposed project. These roadways are not monitored in the Marin County Congestion Management Plan (2019).

TAC

To evaluate the potential impacts of TACs emitted during construction and operation of the proposed gas station component of the project, Rincon used CARB's Hotspots Analysis and Reporting Program (HARP 2) model. The USEPA's AERMOD atmospheric dispersion modeling system was used to determine concentrations to import into HARP2 for risk quantification. Potential health

risks to nearby sensitive receptors from the emission of TACs during operations at the proposed gasoline dispensing facility were analyzed in accordance with the Air District's *Recommended Methods for Screening and Modeling Local Risks and Hazards* (Bay Area Air District 2022), CAPCOA's *Gasoline Service Station Industrywide Risk Assessment Technical Guidance* (Risk Assessment Technical Guidance) (CAPCOA 1997; CAPCOA 2022), and the OEHHA *Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015). Methodology for the Construction and Operational Health Risk Assessment is summarized below and is detailed in the Health Risk Assessment included as Appendix F.

AERMOD requires meteorological and topographic data. Pre-processed meteorological data was obtained from the Air District's Gnoss Field station approximately 3.7 miles north of the project site. The dataset was developed by the Air District for use in AERMOD and includes five years of meteorological data between 2013 and 2017. AERMOD's Urban Dispersion option was applied based on an estimated population of 260,206 people for Marin County.

Construction

The Air District identifies construction activities as a common source of TAC and $PM_{2.5}$ emissions due to the operation of diesel-powered equipment and heavy-duty trucks that emit DPM (Bay Area Air District 2017). Although construction activity is short-lived, it may increase TAC concentrations in the short term at nearby sensitive receptors. DPM is the primary contaminant of concern for the project and would be the TAC emitted in the largest quantity; thus, health risks were assessed as they relate to DPM exposure. The nearest sensitive receptors to the project site are single and multi-family residences located approximately 450 feet[4] west of the project site across US 101. A quantified construction health risk was provided for the project. Maximum cancer risk, chronic hazard index, and annual average $PM_{2.5}$ concentrations were determined for the residential properties located directly across the 101 Freeway within 1,000 feet of the project site and for workers located directly across Vintage Way at the pediatric medical offices to the south of the site. Construction vehicle sources were assigned as line volume sources to account for the demolition, building construction, paving, and architectural coating. Volume sources for construction equipment have a plume height of 2.6 meters, a width of 10 meters, and a release height of 1.3 meters.

Operational

Risk Assessment procedures include a methodology for modeling speciated emissions commonly associated with gasoline fuel stations. Gasoline emissions for the project site operations were speciated into benzene, ethylbenzene, n-hexane, naphthalene, propylene, toluene and xylenes. Gasoline emissions for on-road vehicles were speciated into benzene, ethylbenzene, n-hexane, naphthalene, propylene, toluene, xylenes, 1,3-butadiene, formaldehyde, acrolein, and acetaldehyde. Diesel emissions for on-road vehicles (fuel delivery trucks) used DPM only. In accordance with this methodology, emissions were modeled in AERMOD based on eight primary emissions sources associated with gasoline fuel stations:

- **Loading** – Loading emissions are point source emissions that occur when fuel tanker trucks unload gasoline to the storage tanks, displacing storage tank vapors and causing emissions through the vent pipe.
- **Breathing** – Breathing emissions are driven by temperature and pressure changes in the storage tank and, like loading emissions, are considered a point source for modeling purposes.

[4] Measured from the fuel facility site boundary to the nearest residential building.

- **Refueling** – Refueling emissions are those that occur between the vehicle/nozzle interface. In AERMOD, refueling is modeled as a volume source.
- **Spillage** – Spillage emissions result from evaporating gasoline that spills during vehicle fueling. In AERMOD, spillage is modeled as a volume source.
- **Hose Permeation** – These emissions occur when gasoline, in liquid or vapor form, diffuses through the hose's outer surface to the atmosphere. Hose permeation is modeled as a volume source.
- **Queuing** – These emissions occur while cars are idling waiting to access the gas pumps.
- **Idling** – Emissions associated with fuel trucks idling at the station prior to or after tank filling activities.
- **Trip emissions** – These emissions are associated with passenger and fuel trucks travelling to and from the site from the 101 freeway.

The underground gasoline tanks are proposed to be located directly west of the fueling canopy. Therefore, truck idling, loading and breathing emissions sources were sited at the approximate location of the proposed storage tanks. Refueling, spillage, and hose permeation sources were sited at the approximate locations of the pumps based on the project site plan, as such emissions would occur throughout the refueling area. Queueing for the passenger vehicles is assumed to encompass the area around and including the fuel pumps. Trip emissions are assumed along Rowland Boulevard based on the Transportation Impact Analysis by Kittelson & Associates Inc., dated February 2024.

The gas station was assumed to operate 17 hours per day between 5 am and 10 pm. Speciated emissions factors per 1,000 gallons of throughput are based on CARB's *Gasoline Service Station Industrywide Risk Assessment Technical Guidance* (CARB 2022). Emissions calculations are based on a proposed maximum throughput of approximately 36 million gallons annually.

Localized NO_2 Analysis

A localized NO_2 analysis was conducted to assess the potential impacts of construction and operational activities on nearby receptors from NO_2. The Air District thresholds analyze NO_X, which is a combination of NO and NO_2 . State and Federal Ambient Air Quality Standards are based on the levels of NO_2 as NO_2 is a reactive, oxidizing gas and an acute irritant capable of damaging cell linings in the respiratory tract. Breathing air with a high concentration of NO_2 can irritate airways in the human respiratory system and therefore is the pollutant of concern. NO and O_2 combine in the atmosphere to form NO_2, therefore the Air District's use of NO_X at the source accounts for the additional formation of NO_2 that will occur as the NO from the source reacts with the O_2 from the atmosphere. The localized NO_2 analysis accounts for the conversion of NO to NO_2 over distance and the results represent the NO_2 concentrations at the receptors and therefore are compared to the state and federal NO_2 standards.

Daily and annual NO_2 emissions burdens for construction were estimated based on the maximum daily and annual NO_X emissions as determined through CalEEMod modeling for onsite and on-road equipment used during construction. Daily emissions for onsite equipment, worker trips and haul trips are 16.4, 0.05 and 7.33 pounds per day respectively. Annual emissions for onsite equipment, worker trips and truck (haul/vendor) trips are 0.29, 0.12, and 0.09 tons per year respectively.

Daily and annual emissions burdens for operational activities were estimated based on the number of daily vehicles accessing the site for the use of the gas station, 6,870 passenger vehicle trips and 12 truck trips, in addition to queuing and idling emissions for passenger vehicles and the trucks

accessing the site. Refined air dispersion modeling of the daily emissions was conducted using AERMOD to show the project's maximum local impacts from NO_2. Emissions in grams per second (g/sec) were input directly to AERMOD to determine actual concentrations and the conversion from NO to NO_2 is accounted for in the modeling, using the Tier 2/ARM2 conversion method in AERMOD.

The average daily localized pollutant levels related to travel on site, on Vintage Way and on Rowland Boulevard were used to determine concentrations. Traffic volumes along each of these roadways were identified in Appendix D. Emissions were modeled as line volume sources.

To account for the impact of localized pollutants in combination with pollution from other sources, the modeled results were added to the background level as recommended by USEPA and the Air District. Unique background levels are based on measured concentrations at the San Rafael monitoring station. The resulting pollutant concentrations (modeled result and background) were then compared to the applicable NAAQS and CAAQS. For the one hour threshold CAAQS uses the first highest concentration while NAAQS uses the 98th percentile which is accounted for in the modeling and results.

Dispersion modeling was performed using the USEPA-approved AERMOD with meteorological data from the Gnoss Field monitoring station. Emissions sources were located on the project site and corresponding off site roadways. Operational activities are anticipated to occur 17 hours per day, 7 days per week, consistent with the TAC modeling. The same receptor grid and discrete receptors as used for the health risk analysis were used for the localized analysis. In addition, fence line receptors were added to identify the closest off-site location where people might be located, such as sidewalks and in the parking lots where receptors may experience an acute non-cancer impact over the course of one hour. These were similarly analyzed for exposure to NO_2 over 1 hour which is one of the NAAQS and CAAQS standards for NO_2.

Background concentrations were determined using a 3-year average of hourly and annual concentrations taken from the San Rafael monitoring station (CARB 2024). The average concentrations between 2021 and 2023 were then converted from parts per billion to $\mu g/m^3$ in order to be added to project concentrations and compared to the regulatory thresholds. One hour average background concentrations are 75.0 $\mu g/m^3$ and annual background concentrations are 11.3 $\mu g/m^3$.

c. Project Impacts and Mitigation Measures

Threshold 1:	Would the project conflict with or obstruct implementation of the applicable air quality plan?

Impact AQ-1 THE PROJECT WOULD NOT CONFLICT WITH OR OBSTRUCT THE IMPLEMENTATION OF THE APPLICABLE AIR QUALITY PLAN. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

The CCAA requires that air districts create a clean air plan that describes how the jurisdiction will meet air quality standards. The most recently adopted air quality plan for the Air District is the 2017 Plan. The 2017 Plan builds upon and enhances the Air District's efforts to reduce emissions of fine particulate matter and TACs. The 2017 Plan does not include control measures that apply directly to individual development projects. Instead, the control strategy includes control measures related to stationary sources, transportation, energy, buildings, agriculture, natural and working lands, waste management, water, and super-GHG pollutants (pollutants such as SF_6 that have a high global warming potential).

The 2017 Plan focuses on two paramount goals:

- Protect air quality and health at the regional and local scale by attaining all national and state air quality standards and eliminating disparities among Bay Area communities in cancer health risk from TACs.
- Protect the climate by reducing Bay Area GHG emissions to 40 percent below 1990 levels by 2030, and 80 percent below 1990 levels by 2050.

Under Air District methodology, a determination of consistency with the 2017 Plan should demonstrate that a project:

- Supports the primary goals of the air quality plan.
- Includes applicable control measures from the air quality plan.
- Does not disrupt or hinder implementation of any air quality plan control measures.

The proposed project supports the primary goal of attaining national and state standards and eliminating disparities among Bay Area communities in cancer health risk and TAC as discussed in detail in Impacts AQ-2 and AQ-3 below. The overall reduction in VMT from the implementation of the project would be consistent with the plan goals to reduce GHG emissions. In addition, the project is consistent with the site's existing land use designation, would not increase the population of the city, and would not require a general plan amendment. Furthermore, the fuel center would be a permitted source and would have to meet the permitting requirements of the Air District and other regulatory agencies, thus further ensuring compliance with plan goals and measures. Control measures required by law, such as reducing fugitive dust during construction, would be implemented as part of the permit to construct. Therefore, the project would not conflict with or obstruct the implementation of an applicable air quality plan and the project would have a less than significant impact.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

This impact would be less than significant.

Threshold 2:	Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard?

Impact AQ-2 THE PROJECT WOULD NOT RESULT IN A CUMULATIVELY CONSIDERABLE NET INCREASE OF ANY CRITERIA POLLUTANTS FOR WHICH THE PROJECT REGION IS IN NON-ATTAINMENT UNDER AN APPLICABLE FEDERAL OR STATE AIR QUALITY STANDARD. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Construction

Project construction would result in temporary air pollutant emissions. Construction activities such as the operation of construction vehicles and equipment over unpaved areas, grading, trenching, and disturbance of stockpiled soils have the potential to generate fugitive dust (PM_{10}) through the

exposure of soil to wind erosion. In addition, exhaust emissions associated with heavy-duty construction equipment could potentially degrade regional air quality.

Construction of the project would occur over three months with operations conservatively assumed to begin in November 2024. Additionally, project construction would be required to comply with Air District rules and regulations, including standard dust control measures such as watering disturbed open areas and unpaved roads as conditions of the permit to construct.

Table 4.1-4 summarizes the estimated average daily emissions of ROG, NO_X, PM_{10} and $PM_{2.5}$ during project construction. As shown therein, the project would not exceed Air District construction air quality emission thresholds. Impacts would be less than significant.

Table 4.1-4 Project Construction Emissions

	Daily Emissions (lbs/day)					
Year	**ROG**	**NO_X**	**CO**	**PM_{10} (exhaust)**	**$PM_{2.5}$ (exhaust)**	**SO_X**
2024	2	24	22	1	1	<1
2025	3	14	18	1	<1	<1
Threshold	**54**	**54**	**N/A**	**82**	**54**	**N/A**
Threshold Exceeded?	**No**	**No**	**N/A**	**No**	**No**	**N/A**

Source: Appendix E (Table 2.2 "Construction Emissions By Year" from CalEEMod output. Results rounded to nearest whole number.)

Operational Emissions

Operational emissions were estimated using CalEEMod for 28 fuel dispensers, and supporting calculations for mobile emissions and fuel station were provided in the assumptions and calculations section of Appendix E]. Modeling assumptions are summarized above and included in Appendix E. Long-term emissions associated with project operation are shown in Table 4.1-5 and Table 4.1-6. Emissions would not exceed Air District average daily or annual thresholds for any criteria pollutant. Since project emissions would not exceed Air District thresholds for operation, the project would not violate an air quality standard or result in a cumulatively considerable net increase in criteria pollutants and impacts would be less than significant. Mobile emission estimates account for the regional reduction in VMT.

Table 4.1-5 Project Operational Average Daily Emissions

	Average Daily Emissions (pounds/day)					
Sources	**ROG**	**NO_X**	**CO**	**PM_{10}**	**$PM_{2.5}$**	**SO_X**
Mobile	2	6	1	<1	<1	<1
Area	<1	<1	<1	<1	<1	<1
Energy	0	0	0	0	0	0
Fuel Station	52	-	-	-	-	-
Total Project Emissions	**52**	**6**	**1**	**<1**	**<1**	**<1**
Thresholds	**54**	**54**	**N/A**	**82**	**54**	**N/A**
Threshold Exceeded?	**No**	**No**	**N/A**	**No**	**No**	**N/A**

Note: Numbers may not add up due to rounding.

N/A = not applicable; there is no BAAQMD threshold for CO or SO_X

Source: Appendix E (Table 2.5 from CalEEMod output. Results rounded to the nearest whole number.)

Table 4.1-6 Project Operational Maximum Annual Emissions

Sources	Maximum Annual Emissions (tons/year)					
	ROG	NO_X	CO	PM_{10}	$PM_{2.5}$	SO_X
Area	<1	<1	<1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	1	<1	<1	<1	<1
Fuel Station	9	-	-	-	-	-
Total Project Emissions	**9**	**1**	**<1**	**<1**	**<1**	**<1**
Thresholds	**10**	**10**	**N/A**	**15**	**10**	**N/A**
Threshold Exceeded?	**No**	**No**	**N/A**	**No**	**No**	**N/A**

Note: Numbers may not add up due to rounding.

N/A = not applicable; there is no Air District threshold for CO or SO_X

Source: Appendix E (Table 2.5 from CalEEMod output. Results rounded to the nearest whole number.)

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 3: Would the project expose sensitive receptors to substantial pollutant concentrations?

Impact AQ-3 THE PROJECT WOULD NOT EXPOSE SENSITIVE RECEPTORS TO SUBSTANTIAL POLLUTANT CONCENTRATIONS AS TO CARBON MONOXIDE OR TOXIC AIR CONTAMINANTS. THE PROJECT WOULD EXPOSE SENSITIVE RECEPTORS TO SUBSTANTIAL POLLUTANT CONCENTRATIONS OF NO_2 DURING CONSTRUCTION WITHOUT MITIGATION. IMPLEMENTATION OF MITIGATION MEASURES WILL REDUCE CONSTRUCTION NO_2 EMISSIONS TO BELOW THRESHOLDS, THEREFORE IMPACTS WOULD BE LESS THAN SIGNIFICANT WITH MITIGATION.

Certain population groups, such as children, the elderly, and people with health problems, are particularly sensitive to air pollution. Per the Air District's *CEQA Air Quality Guidelines*, sensitive receptors are defined as population groups that are more susceptible to exposure to pollutants, including children, the elderly, off-site workers, students, and those with medical conditions, who are typically found in residences, schools, parks and playgrounds, daycare centers, nursing homes, and residential medical facilities such as hospitals or congregate care facilities (Bay Area Air District 2023a). Sensitive receptors nearest to the project site include residences approximately 450 feet[5] west of the project site across US 101. The project's gasoline fuel station would create a new source of CO and TAC emissions that may impact nearby receptors.

Carbon Monoxide Hotspots

The project would generate 576 weekday PM peak hour trips and 696 Saturday midday peak hour trips associated with the gasoline station. Of these, 270 weekday and 274 Saturday trips would be pass-by or diverted trips that are already on the roadways, and 189 weekday and 250 Saturday trips would be existing warehouse trips that are already on the roadways and would now also visit the

[5] Measured from the project site boundary to the nearest residential building.

gasoline station (Appendix D). The addition of project trips would not cause any nearby roadways such as Rowland Boulevard and Vintage Way (currently with less than 3,000 vehicles per hour [Appendix D]) to exceed 44,000 vehicles per hour or nearby intersections to exceed 24,000 vehicles per hour.

The fuel station is anticipated to generate queuing as customers wait to fuel their vehicles. Proposed queuing generally would be accommodated within the designated queuing areas and would not spill into the internal drive aisle or off site. The project's 696 midday peak hour trips (between 11 a.m. and 2 p.m.), in addition to existing vehicle trips on local roadways, would be well below the 24,000 and 44,000 vehicle per hour screening levels, with approximately 232 vehicles per hour visiting the project site. Because queuing would be temporary as vehicles move through the gasoline fuel facility, and the total vehicles per hour queuing for the project would be equal to or less than 232 vehicles per hour (which would be served by 28 fueling positions), the concentration of CO emissions would be low and rapidly disperse. Therefore, the impact of localized CO emissions would be less than significant.

Toxic Air Contaminants

Health impacts associated with TACs are generally due to long-term (i.e., 30-year residence or 70-year lifetime) exposure. Typical sources of TACs include industrial processes such as petroleum refining operations, commercial operations such as gasoline stations and dry cleaners, and diesel exhaust. Additionally, Air District recommends that lead agencies should review risks from nearby roadways, freeways, and stationary sources for new receptor projects. Project construction would involve the use of diesel-fueled equipment during the approximately 3-month construction period, which would result in emissions of TACs during construction. Operation of the proposed project would create a new source of TAC emissions from the proposed gasoline dispensing facility. Sources include the underground storage tanks, the pumps, the hoses, as well as the vehicles themselves.

Prevailing winds in Novato average approximately 5.1 miles per hour and originate from the northwest and southwest, pushing potential emissions toward largely undeveloped land to the east.

Construction TAC Impacts

Maximum cancer risk, chronic hazard index, and annual $PM_{2.5}$ concentrations were determined for the residential properties located directly across US 101 within 1,000 feet of the project site, and workers at the Tamalpais Pediatrics center directly across Vintage Way from the project site (Maximum Exposed Individual Worker, or MEIW). The Maximum Exposed Individual Resident (MEIR) was identified at the multi-family residential building closest to US 101, east of the intersection of Redwood Boulevard and Valley Oak Court. As shown in Table 4.1-7, the calculated cancer risk, chronic risk, or $PM_{2.5}$ concentrations would not exceed the regulatory thresholds at the MEIR or the MEIW. Acute risk is not identified as DPM does not result in acute risk. Therefore, construction health risk impacts would be less than significant.

Table 4.1-7 Construction Health Risk Results

Gasoline Fuel Facility	Cancer Risk	Chronic Hazard Index	Annual $PM_{2.5}$ ($\mu g/m^3$)
MEIR	0.12 in 1 million	0.0003	0.01
MEIW	0.12 in 1 million	0.0046	0.16
Significance Threshold	**10 in 1 million**	**1.0**	**0.3**
Exceeds Threshold?	**No**	**No**	**No**

$PM_{2.5}$ = fine particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less; $\mu g/m^3$ = micrograms per cubic meter; MEIR = Maximum Exposed Individual Resident; MEIW = Maximum Exposed Individual Worker

Source: Appendix F

Operational TAC Impacts

The project includes a new fuel station, which may expose sensitive receptors west of US 101 to TACs from fuel emissions. An operational health risk assessment was conducted to determine the cancer risk, chronic hazard index, and acute hazard index to residential and worker receptors within 1,000 feet of the project site (Appendix F). $PM_{2.5}$ is not associated with gasoline fueling stations and therefore is not included in the operational analysis.

As noted in Section 2.5, *Project Characteristics*, proposed tanks and dispensers would be equipped with the latest Phase I and Phase II EVR air pollution control equipment technology per CARB regulations and associated Executive Orders. Phase I EVR equipment controls the vapors in the return path from the tanks back to the tanker truck during offloading filling operations. The Stage I EVR systems are 98 percent effective in controlling fugitive emissions from escaping into the environment. Phase II EVR equipment controls the vapors in the return path from the vehicles being refueled back to the tanks and are 95 percent effective in controlling fugitive emissions from escaping into the environment.

For purposes of this analysis, it is conservatively assumed that up to 36 million gallons of gasoline could be distributed from the gasoline fuel facility annually. Benzene, ethylbenzene, toluene, xylenes, and naphthalene are the primary contaminants of concern with the operation of a fueling station while benzene, 1,3-butadiene, acetaldehyde, acrolein, and formaldehyde are the primary contaminants of concern with idling cars on site. The nearest sensitive receptors to the project site are single and multi-family residences located approximately 450 feet west of the project site across US 101. As shown in Table 4.1-8 below, the project would not cause regulatory thresholds to be exceeded at either the MEIR or the MEIW and therefore would result in less than significant impacts.

Table 4.1-8 Operational Health Risk Results

Gasoline Fuel Facility	Cancer Risk	Chronic Hazard Index	Acute Hazard Index
MEIR	1.61 in 1 million	0.0006	0.11
MEIW	2.66 in 1 million	0.082	0.47
Significance Threshold	**10 in 1 million**	**1.0**	**1.0**
Exceeds Threshold?	**No**	**No**	**No**

$PM_{2.5}$ = fine particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less; MEIR = Maximum Exposed Individual Resident; MEIW = Maximum Exposed Individual Worker

Source: Appendix F

Combined TAC Impacts

As cancer risk is cumulative, a combined construction and operational health risk has been calculated to show the total risk for off-site receptors based on the combined construction and operational risk. Chronic risk, acute risk, and $PM_{2.5}$ concentrations are not cumulative over the life of the project, therefore the maximum between the construction and operational values are used. Table 4.1-9 shows the results of the combined analysis. As shown, the combined risk values and $PM_{2.5}$ concentrations are below regulatory thresholds and would result in less than significant impacts.

Table 4.1-9 Combined Construction and Operational Health Risk Results

Gasoline Fuel Facility	Cancer Risk	Chronic Hazard Index	Acute Hazard Index	Annual $PM_{2.5}$ Concentration
MEIR	1.70 in 1 million	0.006	0.11	0.01
MEIW	2.78 in 1 million	0.082	0.47	0.16
Significance Threshold	**10 in 1 million**	**1.0**	**1.0**	**0.3**
Exceeds Threshold?	**No**	**No**	**No**	**No**

$PM_{2.5}$ = fine particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less; $\mu g/m^3$ = micrograms per cubic meter; MEIR = Maximum Exposed Individual Resident; MEIW = Maximum Exposed Individual Worker

Totals may not add, as combined risks represent the maximum at one receptor where the MEIR from construction and operational risks are not from the same receptors.

Source: Appendix F

Localized NO_2 Concentrations

The maximum localized pollutant levels modeled in the localized NO_2 analysis for construction and operational concentrations are presented in Table 4.1-10. Modeling and AERMOD output files are included in Appendix E. The locations of the maximum impact are along the project property line at the western border. As shown, maximum localized pollutant levels or NO_2 would not exceed the 1-hour or annual NAAQS and CAAQS for operational activities. Therefore, the operational impacts from the additional local traffic generated from the operation of the proposed project would not result in a significant impact. However, maximum localized construction NO_2 levels along the property line at the western border would exceed the 1-hour NAAQS, 188 $\mu g/m^3$. Therefore, impacts at the fence line (where people could potentially congregate for up to one hour such as sidewalks or parking lots) from construction activities would result in a potentially significant impact without mitigation.

Confidential

Table 4.1-10 Estimated Maximum Localized Construction &Operational NO_2 Concentrations

Pollutant (units)	Averaging Period	Background	On-Site Increment (Modeled Result)	Proposed Action (Modeled Result Plus Background)[1]	CAAQS	NAAQS	Exceed Threshold
Construction							
NO_2 ($\mu g/m^3$)	1-hour	75.0	140.0	279	188		Yes
	1-hour	75.0	160.0	317		339	No
	Annual	11.3	24.5	28	100	57	No
Operational							
NO_2 ($\mu g/m^3$)	1-hour	75.0	10.0	85	188		No
	1-hour	75.0	11.1	86.1		339	No
	Annual	11.3	0.8	12.1	100	57	No

[1] Numbers may not add up due to rounding.

$\mu g/m^3$ = micrograms per cubic meter

Mitigation Measures

AQ-1 Construction Emissions Reduction

Prior to issuance of grading permits, the following measures shall be noted on all construction plans and shall be implemented during construction:

- All mobile off-road equipment (wheeled or tracked) greater than 50 horsepower used during construction activities shall meet the U.S. EPA Tier 4 final standards. Tier 4 certification can be for the original equipment or equipment that is retrofitted to meet the Tier 4 final standards.
- Alternative Fuel (natural gas, propane, electric, etc.) construction equipment shall be incorporated where available. These requirements shall be incorporated into the contract agreement with the construction contractor. A copy of the equipment's certification or model year specifications shall be available upon request for all equipment on-site.
- Electricity shall be supplied to the site from the existing power grid to support the electric construction equipment. If connection to the grid is determined to be infeasible for portions of the project, a non-diesel fueled generator shall be used.
- The project shall comply with the CARB Air Toxics Control Measure that limits diesel powered equipment and vehicle idling to no more than five minutes at a location, and the CARB In-Use Off-Road Diesel Vehicle Regulation; compliance with these would minimize emissions of TACs during construction.

Significance After Mitigation

Implementation of Mitigation Measure AQ-1 would reduce the NOx (and as a result NO_2) emissions from the construction activities through the incorporation of more efficient/cleaner construction equipment. The maximum localized pollutant levels modeled in the localized NO_2 analysis for mitigated construction are presented in Table 4.1-11. Modeling and AERMOD output files are included in Appendix E. As shown, maximum localized pollutant levels for construction NO_2 would be reduced to below the thresholds of significance with the implementation of mitigation measure AQ-1. Therefore, with implementation of Mitigation Measure AQ-1, impacts from construction of the proposed project would not result in a significant impact.

Table 4.1-11 Estimated Maximum Localized Mitigated Construction NO_2 Concentrations

Pollutant (units)	Averaging Period	Background	On-Site Increment (Modeled Result)	Proposed Action (Modeled Result Plus Background)[1]	CAAQS	NAAQS	Exceed Threshold
Construction							
NO_2 ($\mu g/m^3$)	1-hour	75.0	60.8	120.8	188		No
	1-hour	75.0	76.0	150.9		339	No
	Annual	11.3	6.69	7.7	100	57	No

[1] Numbers may not add up due to rounding.

$\mu g/m^3$ = micrograms per cubic meter

Threshold 4: Would the project result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Impact AQ-4 THE PROJECT WOULD NOT RESULT IN OTHER EMISSIONS (SUCH AS THOSE LEADING TO ODORS) THAT WOULD ADVERSELY AFFECT A SUBSTANTIAL NUMBER OF PEOPLE. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Table 5-4 in the Air District's 2022 *CEQA Air Quality Guidelines* provides odor screening distances for land uses that have the potential to generate substantial odor complaints. These uses include wastewater treatment plants, landfills or transfer stations, refineries, composting facilities, confined animal facilities, food processing, smelting plants, and chemical plants (Bay Area Air District 2023a). The project would involve development of a 28-pump gas station. Although gasoline fumes from the fueling station may be considered a nuisance odor, this use is not identified by the Air District as a significant odor-generating use, and fuel pumps would be located approximately 640 feet away from the nearest residences. CARB recommends siting sensitive land uses, such as residences, at least 300 feet from large gasoline fuel facilities, and the proposed fuel pumps would be located outside the recommended buffer of 300 feet, which would meet CARB-recommended setbacks of gasoline fuel facilities from nearby sensitive receptors (CARB 2005). Furthermore, implementation of required vapor recovery systems for gas pump and tanker truck dispensing, which can reduce emissions of certain odor-generating compounds (i.e., benzene) by 95 to 98 percent, would further reduce any potential odor impacts associated with the project. Therefore, the proposed project would not generate objectionable odors affecting a substantial number of people during operation.

During construction activities, heavy equipment and vehicles would emit odors associated with vehicle and engine exhaust both during normal use and when idling. However, such emissions would be intermittent in nature and would dissipate rapidly with increasing distance from the source to the nearest receptors approximately 450 feet west. Furthermore, prevailing winds in Novato average approximately 5.1 miles per hour and originate from the northwest and southwest, pushing potential odorous emissions toward largely undeveloped land to the east. Therefore, the proposed project would not generate objectionable odors affecting a substantial number of people. This impact would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

4.1.4 Cumulative Impacts

The geographic scope for the cumulative air quality impact analysis is the SFBAAB for criteria air pollutants and for conflicts with local air quality plans. This is appropriate because air quality pollutants are monitored on an air basin-wide scale. The geographic scope for the analysis of odors and TACs is the City of Novato since effects of odors and TACs are more localized. As identified in Table 3-1, *Cumulative Project List,* in Section 3.3, *Cumulative Development*, there are 20 currently planned and pending projects ("cumulative project" or "cumulative projects") in Novato, which may contribute to cumulative air quality impacts. Each cumulative project could generate emissions during construction and operation. However, neither the proposed project nor any of the cumulative projects are part of an ongoing regulatory program or have been analyzed within a Program EIR. Therefore, consistent with Air District methodology, project-specific air quality impacts are used to determine if a project's contribution to cumulative air quality impacts would be significant for all impacts except TACs and odors. With respect to TACs, those planned projects that have stationary source permits on file with the Air District would be included. The majority of the cumulative projects are residential or commercial where permittable stationary sources are not typically present and therefore were not addressed. The Hanna Ranch Development has the potential to incorporate a gasoline station similar to the proposed project. Therefore, with respect to TACs, the only cumulative project addressed in the analysis is the potential Hanna Ranch gasoline station.

Cumulative Criteria Air Pollutants Impacts

SFBAAB is designated as nonattainment area for the federal and state one-hour and eight-hour O_3 standards, state PM_{10} standards, and federal and state annual $PM_{2.5}$ standard, there is an existing significant cumulative air quality impact in the SFBAAB relative to these pollutants. Therefore, this cumulative impact analysis is based on the Air District's recommendations included in its 2022 *CEQA Air Quality Guidelines* (Bay Area Air District 2023a). Individual projects under the Air District's jurisdiction would cause a cumulatively considerable increase in emissions for which the SFBAAB is in non-attainment if unplanned growth in the area has the potential to exacerbate the pollution and hinder the achievement of the Air District 2017 Plan. As discussed under Impact AQ-1, the proposed project would not result in unplanned growth and was demonstrated to be consistent with the Air District 2017 Plan. Therefore, the proposed project would not result in a considerable contribution to impacts associated with plan compliance.

Additionally, a cumulatively considerable finding may occur if the individual project exceeds the Air District's recommended thresholds, as well as for the AAQS for NO_2**.** As discussed under Impact AQ-2, construction and operation of the project would not exceed regional significance thresholds. Therefore, the proposed project would not result in a considerable contribution to impacts associated with criteria pollutant concentrations for which the project region is non-attainment.

Cumulative Odor Impacts

Cumulative projects would adversely affect sensitive receptors from odor emissions if cumulative projects were typical odor-producing land uses. Construction of cumulative projects would result in construction equipment-related odors; however, the temporary nature of construction would

ensure less than significant cumulative odor impacts since construction activities would not overlap or would be different distances from receptors. Cumulative air quality impacts related to odors would be less than significant. Since the proposed project's construction would be temporary and operational activities would not produce substantial odors, the project would not result in a considerable contribution to any cumulative odor emission impacts.

Cumulative TAC Impacts

The Air District recommends that the cumulative impact of a project be assessed by evaluating current and proposed substantial sources of TACs, including roadways and stationary sources, within a 1,000-foot radius of the identified MEIR and MEIW. Existing potential sources within 1,000 feet of the MEIR and MEIW include US 101, nearby major streets, and a railway to the northeast of the site across Rowland Boulevard. There are no permitted stationary sources within 1,000 feet of the MEIR or MEIW[6]. Cumulative risk impacts to the MEIR and MEIW from freeway, roadway, and rail sources were based on health risk and $PM_{2.5}$ concentrations obtained from the Air District for major roadways, highways and railways (Bay Area Air District 2022a, 2022b, 2022c). In addition, the proposed Hanna Ranch project, which is located approximately 900 feet south of the project site, could also incorporate a gasoline station similar to the size of the proposed project, if approved and constructed.[7] To account for potential cumulative risk from the development of this facility, the 2022 CARB & CAPCOA Gasoline Service Station Industrywide Risk Assessment Look-up Tool was used to assess the proposed Hanna Ranch GDF. The analysis assumes operation of the Hanna Ranch Facility consistent with the proposed project, conservatively assuming 36 million gallons per year of throughput for each facility. Table 4.1-12 summarizes cumulative health risk at the MEIR and MEIW. As shown in Table 4.1-12, cumulative sources of TACs would not exceed Air District's cumulative health risk thresholds of 100 in a million for cancer risk, hazard indices of 10 for chronic and acute risk, and 0.8 $\mu g/m^3$ for $PM_{2.5}$ concentrations at the MEIR or MEIW. Therefore, the health risk to nearby residents and workers due to cumulative impacts would be less than significant.

Table 4.1-12 Cumulative Health Risk

Project Receptors & other Source	Cancer Risk	Chronic Hazard Index	Acute Hazard Index	$PM_{2.5}$ Concentration (mg/m^3)
MEIR				
Project	1.70 in 1 million	0.006	0.108	0.010
Gasoline station at Hanna Ranch	2.46 in 1 million	0.010	0.020	-
Roadway	21.41 in 1 million	0.075	-	0.568
Railway	0.91 in one million	<0.001	-	0.001
Cumulative Impact associated with the MEIR	**26.48in one million**	**0.090**	**0.13**	**0.58**
MEIW				
Project	2.78 in 1 million	0.08	0.47	0.158
Gasoline station at Hanna Ranch	0.34 in 1 million	0.020	0.030	-
Roadway	19.01 in 1 million	0.067	-	0.521
Railway	1.25in 1 million	<0.001	-	0.002

[6] One permitted stationary source, Target Corporation – Store T-692 (Facility ID 15851) is located within 1,000 feet of the project site property line. However, this source is not associated with any cancer, non-cancer, or $PM_{2.5}$ risk (BAAQMD 2023b).
[7] While the Hanna Ranch project originally proposed a gasoline station as specifically a Costco facility, it is conservatively assumed that a large gasoline facility is still a part of the Hanna Ranch project as the developer's application showing the fueling facility is still active.

Confidential

Project Receptors & other Source	Cancer Risk	Chronic Hazard Index	Acute Hazard Index	$PM_{2.5}$ Concentration (mg/m^3)
Cumulative Impact associated with the MEIW	**23.38 in 1 million**	**0.17**	**0.50**	**0.68**
Significance Threshold	**100 in 1 million**	**10.0**	**10.0**	**0.8**
Exceeds Threshold?	**No**	**No**	**No**	**No**

$PM_{2.5}$ = fine particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less; $\mu g/m^3$ = micrograms per cubic meter; MEIR = Maximum Exposed Individual Resident; MEIW = Maximum Exposed Individual Worker

[1] Air District Highway and Major Streets raster files do not provide a chronic health risk value for these sources.

Source: 2022a, 2022b, 2022c; Appendix F

Cumulative development projects within the City of Novato could expose sensitive receptors to cancer risks that exceed the Air District health risk thresholds; however, cumulative projects requiring permits would be required to comply with Air District regulations to reduce the potential for significant impacts to sensitive receptors. Further, as discussed above, the only cumulative project anticipated to have a potential to result in a new TAC emission source based on the type of development is the Hanna Ranch development. Therefore, as emissions are below regulatory thresholds, this cumulative impact related to health risks would be less than significant. As described under Impact AQ-3, TAC emissions from project construction and cumulative impacts would not exceed Air District thresholds for health risks. Therefore, the proposed project would not result in a considerable contribution to cumulative TAC impacts.

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4.2 Biological Resources

This section evaluates the potential for significant impacts to biological resources resulting from project construction and operation. The analysis in this section is based on a literature review and a site reconnaissance survey conducted by Rincon Consultants, Inc. (Rincon) in June 2023.

4.2.1 Setting

The project site is located within the Vintage Oaks Shopping Center in the southern portion of the City of Novato and within the North Bay region of the San Francisco Bay Area. The Coastal Mountain Range lies to the west, San Pablo Bay to the southeast, and the Petaluma River to the east. The vicinity of the project site includes the Beverly Ehreth Ecological Preserve to the south, the Sonoma-Marin Area Rail Transit (SMART) commuter rail line, the Petaluma Marsh Wildlife Area and Novato Creek to the east, commercial development to the north, and US 101 and residential development to the west.

a. Topography and Soils

The project site is at an elevation of approximately 10 feet above mean sea level, and the site topography is relatively flat. The project site contains the following soil map unit (United States Department of Agriculture, Natural Resources Conservation Service [USDA, NRCS] 2023a):

- **Xerorthents, fill:** This soil type is comprised of man-modified material, such as soils placed to fill and dike bay lands. This soil type is found on valley floors and tidal flats, and is derived from igneous, metamorphic and sedimentary rock. This soil type is considered nonhydric (USDA, NRCS 2023b).

b. Land Cover Types

The project site is developed, consisting of a paved parking lot with curbs, driveways, concrete sidewalks, storm drains, and landscaped islands (Figure 2-2). No natural vegetation communities, waters, or wetlands occur within the project site. Species observed within landscaped areas are largely non-native, consisting of purple robe locust (*Robinia pseudoacacia*), pin oak (*Quercus palustris*), sycamore (*Plantanus racemose*), honey locus (*Gleditsia triacanthos*), Chinese pistache (*Pistacia chinensis*), coast live oak (*Quercus agrifolia*), and crape myrtle (*Lagerstroemia* sp.) (ArborWell 2020). Shrubs and other ornamental species observed on the project site include juniper (*Juniperus* sp.), redclaws (*Escellonia rubra*), star jasmine (*Trachelospermum jasminoides*), purple fountain grass (*Pennisetum setaceum*), and African iris (*Dietes iridioides*).

c. Special-status Species

Special-status species are those plants and animals listed, proposed for listing, or candidates for listing as threatened or endangered by the United States Fish and Wildlife Service (USFWS) or National Marine Fisheries Service (NMFS) under the federal Endangered Species Act (FESA); those listed or proposed for listing as rare, threatened, or endangered by the California Department of Fish and Wildlife (CDFW) under the California Endangered Species Act (CESA) or Native Plant Protection Act; animals designated as “Species of Special Concern,” “Fully Protected,” or “Watch List” by CDFW; and plants with a California Rare Plant Rank (CRPR) of 1 or 2, which are defined as:

- List 1A = Plants presumed extinct in California

- List 1B.1 = Rare or endangered in California and elsewhere; seriously endangered in California (over 80 percent of occurrences threatened/high degree and immediacy of threat)
- List 1B.2 = Rare or endangered in California and elsewhere; fairly endangered in California (20-80 percent occurrences threatened)
- List 1B.3 = Rare or endangered in California and elsewhere, not very endangered in California (<20 percent of occurrences threatened or no current threats known)
- List 2 = Rare, threatened or endangered in California, but more common elsewhere

Information regarding the occurrences of special-status species in the vicinity of the project site was obtained from searching the California Natural Diversity Database (CNDDB; CDFW 2023a), Biogeographic Information and Observation System (CDFW 2024), and Critical Habitat Portal (USFWS 2024). Other resources included the online Inventory of Rare and Endangered Plants of California (Online Inventory; California Native Plant Society [CNPS] 2023). For this review, the search included all occurrences within the *Novato* USGS 7.5-minute topographic quadrangle, on which the project occurs, and the surrounding eight quadrangles (*Petaluma, Petaluma River, Sears Point, San Geronimo, Petaluma Point, Bolinas, San Rafael,* and *San Quentin*).

Based on the agency queries, there are 67 special-status plant species, 33 special-status wildlife species, and one sensitive natural community documented within the *Novato* quadrangle and the eight surrounding quadrangles (Appendix G).

Special Status Plants

Sixty-seven (67) special-status plant species documented in the CNDDB for the region were evaluated for their potential to occur in the project site (see Appendix G). None of these species were observed during the site survey or would be expected to occur within the project site. All 67 special-status plant species could be excluded based on known ranges and suitable elevations, the lack of natural vegetation communities on site, level of development and impervious surfaces, lack of connectivity to natural vegetation communities, and the lack of species-specific habitat requirements.

Special Status Wildlife

Rincon identified 33 special-status wildlife species that have been documented within the nine-quadrangle search radius in the CNDDB (see Appendix G). None of these special-status wildlife species were observed during the reconnaissance survey or would be expected to occur within the project site. All 33 special-status wildlife species could be excluded based on the lack of natural vegetation communities and connectivity to natural vegetation communities, existing level of development and landscape maintenance, and the lack of species-specific habitat requirements such as specific aquatic habitat types, large nest trees, and caves and mines.

Nesting Birds

Non-game migratory birds and native birds protected under the California Fish and Game Code (CFGC) Section 3503 and the federal Migratory Bird Treaty Act (MBTA), such as native avian species common to developed and ruderal areas, have the potential to breed and forage in the project site and vicinity. Common bird species that typically occur in urban areas of the region, such as mourning dove (*Zenaida macroura*), house finch (*Haemorhous mexicanus*), and Brewer's blackbird (*Euphagus cyanocephalus*) may nest in the project site. Nesting by a variety of common birds

protected by CFGC Section 3503 and the MBTA could occur in virtually any location throughout the project site containing landscaped vegetation, or on adjacent buildings.

d. Sensitive Natural Communities and Critical Habitat

Plant communities are considered sensitive biological resources if they have limited distributions, have high wildlife value, include sensitive species, or are particularly susceptible to disturbance. CDFW ranks sensitive communities as "threatened" or "very threatened" and keeps records of their occurrences in the CNDDB. The Sensitive Natural Communities List in the CNDDB is not currently maintained and no new information has been added in recent years. CDFW is working to classify and rank vegetation statewide according to State standards that comply with the National Vegetation Classification System, consistent with the approach used in CNPS (Sawyer et al. 2009). Currently, CDFW publishes the California Natural Community List online (CDFW 2023b). Vegetation rarity ranking in that list is based on a rank calculator developed by NatureServe. According to CDFW Vegetation Program, alliances with State ranks of S1 to S3, as well as certain additional associations specifically noted as sensitive in the list, are considered imperiled, and thus, potentially of special concern.

No natural vegetation communities or riparian areas are present on site, and the site is not located within federally designated critical habitat.

e. Jurisdictional Waters and Wetlands

No potential jurisdictional features were mapped within the project site (USGS 2024; USFWS 2023) and none were observed during the site reconnaissance survey.

f. Wildlife Movement Corridors

Wildlife movement corridors, or habitat linkages, are generally defined as connections between habitat patches that allow for physical and genetic exchange between otherwise isolated animal populations. Such linkages may serve a local purpose, such as providing a linkage between foraging and denning areas, or they may be regional in nature. Some habitat linkages may serve as migration corridors, wherein animals periodically move away from an area and then subsequently return. Other corridors may be important as dispersal corridors for young animals. A group of habitat linkages in an area can form a wildlife corridor network.

The CDFW Biogeographic Information and Observation System (BIOS) database (2024) and the California Essential Habitat Connectivity Project: A Strategy for Conserving a Connected California (Spencer et al. 2010) were reviewed for information on wildlife corridors in the region.

The project site contains a paved parking lot that does not provide habitat or habitat linkages. Additionally, the site is located within the existing development of the Vintage Oaks Shopping Center and is bordered by Vintage Way and US 101 to the west and the Costco Warehouse and Rowland Boulevard to the east, both of which limit the ability for terrestrial wildlife to access the project site. Overall, the project site does not provide a corridor for wildlife movement.

4.2.2 Regulatory Setting

a. Federal Regulations

Federal Endangered Species Act

FESA protects federally listed wildlife species from harm or take, which is broadly defined as "to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, collect, or attempt to engage in any such conduct." Take can also include habitat modification or degradation that directly results in death or injury of a listed wildlife species. An activity can be defined as take even if it is unintentional or accidental. Listed plant species are legally protected from take under the FESA only if they occur on federal lands. USFWS and NMFS have jurisdiction over federally listed, threatened and endangered species under the FESA. USFWS also maintains lists of proposed and candidate species, which are not legally protected under FESA, but may become listed in the near future.

Migratory Bird Treaty Act

The MBTA (16 United States Code Section 703) prohibits killing, possessing, or trading of migratory birds except in accordance with regulations prescribed by the Secretary of the Interior. The MBTA protects whole birds, parts of birds, and bird eggs and nests; and prohibits the possession of all nests of protected bird species whether they are active or inactive. Nest starts (nests that are under construction and do not yet contain eggs) and inactive nests are not protected from destruction.

b. State Regulations

California Endangered Species Act

CESA (CFGC, Chapter 1.5, Sections 2050-2116) prohibits the take of any plant or animal listed or proposed for listing as rare (plants only), threatened, or endangered. In accordance with CESA, CDFW has jurisdiction over State-listed species (CFGC Section 2070). CDFW regulates activities that may result in take of individuals (i.e., "hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill").

California Fish and Game Code

CFGC Sections 3503, 3513, and 3800 (and other sections and subsections) protect native birds, including their nests and eggs, from all forms of take. Disturbance that causes nest abandonment and/or loss of reproductive effort is considered take by CDFW. Raptors (i.e., eagles, hawks, and owls) and their nests are specifically protected in California under CFGC Section 3503.5, which states that it is "unlawful to take, possess, or destroy any birds in the order Falconiformes or Strigiformes (birds of prey) or to take, possess, or destroy the nest or eggs of any such bird except as otherwise provided by this code or any regulation adopted pursuant thereto."

National Pollutant Discharge Elimination System Construction General Permit

Construction projects in California causing land disturbances that are equal to one acre or greater must comply with State requirements to control the discharge of stormwater pollutants under the National Pollutant Discharge Elimination System (NPDES) General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities (Construction General Permit; Water Board Order No. 2009-0009-DWQ). Prior to the start of construction/demolition, a Notice of Intent

must be filed with State Water Resources Control Board describing the project. A Stormwater Pollution Prevention Plan must be developed and maintained during construction of the project, and it must include the use of best management practices (BMP) to protect water quality until the site is stabilized.

c. Local Regulations

City of Novato 2035 General Plan

The City of Novato 2035 General Plan Environmental Stewardship Chapter, Section 3.2 Natural Communities and Ecological Resources, contains goals and policies to conserve natural habitats and sensitive biological resources. The General Plan provides the following policies pertaining to biological resources that are applicable to the project:

Goal ES 1: Preserve, enhance and restore natural areas and features, including Novato's scenic hillsides, water-ways, riparian corridors, wetlands, baylands, and special status species.

- **ES 1: Ecology of Creeks and Streams.** Preserve and enhance the ecology of creeks and streams, including riparian vegetation. Prohibit further degradation and require restoration of previously degraded riparian areas as a condition of development approval when restoration is feasible, taking into account the project's size and cumulative impacts.
    - *ES 1a: Waterway and Riparian Protection*. Ensure that new development complies with the requirements of the Waterway and Riparian Protection ordinance in the Zoning Code for watercourses shown on Figure ES-1.
- **ES 2: Watershed Management**. Minimize the effects of pollution in stormwater runoff in Novato and its effective watersheds. Retain and restore where feasible the natural hydrological characteristics of watersheds in Novato, including daylighting of drainages that were previously buried.
    - *ES 2a: NPDES Compliance*. Ensure that new development complies with the requirements of the NPDES and the applicable Urban Runoff Pollution Prevention Ordinance.
    - *ES 2b: Maintenance*. Prioritize storm drain maintenance and street sweeping programs to reduce urban runoff pollutants.
- **ES 3: Wildlife Habitat**. Endeavor to preserve and enhance wildlife habitat areas and wildlife movement corridors in watercourse areas and control human use of these areas as necessary to protect them.
- **ES 6: Wetlands Ecology**. Preserve and enhance wetlands ecology.
    - *ES 6a: Wetland Protection*. Ensure that new development complies with the requirements of the Wetland Protection and Restoration ordinance in the Zoning Code.
- **ES 11: Species Diversity and Habitat**. Protect biological resources, including migratory birds, anadromous fish, and threatened and endangered species, that are necessary to maintain a diversity of plant and animal species.
    - *ES 11a: Agency Cooperation*. Cooperate with state and federal agencies to ensure that development does not substantially adversely affect special status species appearing on the state or federal list for any rare, endangered, or threatened species. Require a special status species survey as appropriate.

Goal ES 4: Protect trees and woodlands that provide ecological, economic and aesthetic benefits for Novato.

- **ES 22: Trees on Private Property**. Encourage and, where appropriate, require actions by private property owners to protect the health of native woodlands and trees.
    - *ES 22a: Parking Lot Standards*. Revise parking lot landscape standards to maximize tree size, cover and growth to reduce heat gain.
    - *ES 22b: Tree Replacement*. Consider amending the woodland tree removal/replacement requirements of the Zoning Code to prioritize replacement planting of native species and to consider tradeoffs of requiring fewer but larger replacement trees based on site conditions.
- **ES 23: Trees in New Development**. Require that the site planning, construction and maintenance of development preserve existing healthy trees and native vegetation on site to the maximum extent feasible. Replace trees and vegetation not able to be saved.

Vintage Oaks Precise Development Plan

The Vintage Oaks Precise Development Plan (City of Novato 1990) was developed to ensure compatibility of future development within the Vintage Oaks Shopping Center. A Design Manual was approved by the City in 1991 to help the Design Review Commission review proposed projects for compatibility, and aide architectural design development. The Design Manual includes a landscape concept, including a Plant Legend of approved trees and shrubs. The PDP landscape standards include, but are not limited to:

- Landscape plans shall be prepared by a landscape architect registered in the state of California.
- Conformance to the City's thirty percent (30%) shade ordinance is required.
- Not less than five percent (5%) of the interior areas of all parking lots shall be devoted to appropriate landscaping. Required landscaping along public streets shall not be credited to this requirement.

City of Novato Municipal Code

The City of Novato Municipal Code (NMC) Chapter XVII, Trees and Shrubs, makes it unlawful for any person or group of persons to alter or remove or cause to be altered or removed, any tree on undeveloped parcels or any heritage tree on any parcel in the City of Novato without a permit from the City. A heritage tree is defined as any native or non-native woody plant with a diameter of 24 inches or more measured at 24 inches above existing grade, or any tree designated as such by the City Council. A tree is defined as any woody native or non-native plant with a diameter of six inches. Additionally, NMC Section 19.39, Woodland and Tree Preservation, includes regulations and guidelines regarding the preservation of native trees and forest resources.

Section 19.36.070 of the City of Novato's Municipal Code ("Development Standards and Design Criteria") requires a minimum 50-foot buffer area adjacent to a wetland, in part to maintain a sufficient watershed to support the wetland. The Beverly Ehreth Ecological Preserve wetland is located more than 50 feet from the project site; therefore, this section of the Municipal Code does not apply.

4.2.3 Impact Analysis

a. Methodology and Significance Thresholds

The impact analysis is based on the existing biological resources documented by Rincon's reconnaissance survey and literature review of CDFW's CNDDB, CDFW's Biogeographic Information and Observation System, USFWS's Critical Habitat Portal, and CNPS's Inventory of Rare and Endangered Plants of California, described above. Project impacts to biological resources are focused upon rare, threatened, endangered species, or species listed under CEQA Guidelines Section 15380.

According to Appendix G of the *CEQA Guidelines*, a proposed project would have a significant impact on biological resources if it would:

1. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by CDFW or USFWS;
2. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by CDFW or USFWS;
3. Have a substantial adverse effect on State or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means;
4. Interfere substantially (i.e., direct/indirect reduction) with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites;
5. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance; and/or
6. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan.

b. Project Impacts and Mitigation Measures

Threshold 1:	Would the project have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

Impact BIO-1 THE PROJECT WOULD NOT HAVE A SUBSTANTIAL ADVERSE EFFECT ON SPECIAL-STATUS PLANT AND ANIMAL SPECIES. IMPACTS WOULD BE LESS THAN SIGNIFICANT WITH MITIGATION.

The site is fully developed, with a paved parking lot and landscaped islands, and there are no native vegetation communities or habitats on site. The ornamental vegetation at the site is not suitable habitat for any species listed under FESA or CESA. Demolition of the sidewalk on the north side of Vintage Way is the closest project element to natural areas and is approximately 150 feet from the Beverly Ehreth Ecological Preserve, 640 feet from the Petaluma Marsh Wildlife Area, and 0.7 miles from Novato Creek.

As discussed in the project Initial Study Environmental Checklist Section 13, Noise (refer to Appendix A), existing ambient noise levels within the project site from vehicles (e.g., automobiles, buses, and

trucks) along Rowland Boulevard, Vintage Way, US 101, and the SMART commuter train and Northwestern Pacific Railroad Company freight train, are within the 65-decibel noise contour, which is between the levels of a normal conversation and busy street traffic (60 dB and 70 dB respectively; Caltrans 2023). Project construction is estimated to occur over approximately three months, and would include site preparation and grading, trenching and utilities, building construction, architectural coating, and paving. Construction activity would result in temporary noise in the project site vicinity. Construction equipment would not all operate at the same time or location, and would not be in constant use during the 8-hour operating day. Construction activities (the exit driveway) would be located as close as 100 feet to the fence of the Beverly Ehreth Ecological Preserve, and approximately 150 feet from the wetland edge, but construction would typically be located at an average distance further away due to the nature of construction. Construction equipment is typically dispersed in various areas of the site, with only a limited amount of equipment operating near a given location at a particular time. The Federal Transit Administration (2018) *Transit Noise and Vibration Impact Assessment Manual* recommends this approach on page 177, stating that for the distance variable in their construction noise calculation "assumes that all equipment operates at the center of the project." Therefore, it is common, industry standard practice to analyze average construction noise from the center of the site because this is the approximate center of where noise is being generated as equipment moves around the site throughout the workday. At a distance of 160 feet (distance from the center of the construction area), construction would generate a noise level of approximately 72 decibels (Appendix A). These levels are consistent with the typical noise level of busy street traffic and the existing levels of ambient noise on site. Additionally, construction would not require any blasting or pile driving, and sources of vibration would be limited to equipment such as loaded trucks, bulldozers, jackhammers, and rollers. Expected groundborne vibration from vibratory construction equipment at a reference distance of 25 feet range from 58 VdB to 94 VdB (Appendix A: Initial Study Environmental Checklist Section 14, Noise). The approximate threshold of human perception of vibration is 65 VdB, and a disagreeable level of vibration is approximately 90 VdB (Federal Transit Administration 2018). The expected level of vibration at the Beverly Ehreth Ecological Preserve during construction would be substantially lower due to the distance form the construction site and infrequent nature of expected work at 150 feet from sensitive areas of the preserve. Given the site's proximity to US 101, Vintage Way, the SMART rail line, and ambient levels of noise, off-site impacts to wildlife in these natural areas due to noise or vibration from project construction or operation are not anticipated.

There is potentially suitable habitat on and adjacent to the project site, including the Beverly Ehreth Ecological Preserve, for nesting birds protected under MBTA and Section 3503 of the CFGC. Ornamental landscaping and the existing trees within the site may provide nesting habitat for common species such as mourning dove, house finch, and Brewer's blackbird. Direct impacts to nesting birds could occur if construction activities take place during the nesting season (February 1st through August 31st) and could include the destruction of active bird nests if they occur on the project site or abandonment of nests due to construction-related noise off site. To avoid or reduce potential adverse impacts to nesting birds, implementation of Mitigation Measure BIO-1, to conduct nesting bird surveys and establish appropriate non-disturbance buffers, would be required. Impacts to nesting birds would be less than significant with implementation of this measure.

Mitigation Measures

BIO-1 Nesting Bird Surveys and Avoidance

To avoid impacts to nesting birds, vegetation removal during construction of the project shall be limited to the period between September 1 and January 31 (i.e., outside the nesting season), if feasible. If vegetation removal cannot be conducted during this period, a qualified biologist shall conduct a pre-construction survey for active nests in and around the project site, no more than two weeks (14 days) prior to any construction activities. The surveys shall include the disturbance area plus a 200-foot buffer around the site if feasible, and a 500-foot buffer for raptors. If construction is delayed more than 14 days after the survey is conducted, the survey shall be repeated. If active nests are located, an appropriate avoidance buffer shall be established within which no work activity will be allowed which would impact these nests. The avoidance buffer would be established by the qualified biologist on a case-by-case basis based on the species and site conditions. In no cases shall the buffer be smaller than 50 feet for non-raptor bird species or 200 feet for raptor species. Larger buffers may be required depending upon the status of the nest and the construction activities occurring in the vicinity of the nest. The buffer area(s) shall be closed to all construction personnel and equipment until juveniles have fledged and the nest is inactive. The qualified biologist shall confirm that breeding/nesting is complete and young have fledged the nest prior to removal of the buffer. The results of the pre-construction survey shall be submitted to the City for review and approval prior to the start of vegetation removal activities.

Significance After Mitigation

If construction occurs during the bird nesting season, Mitigation Measure BIO-1 would require pre-construction surveys to identify any nesting birds that could be affected by project implementation. If nesting birds are identified, impacts would be avoided through establishment of no-work buffers until the juveniles fledge the nest or the nest is otherwise determined inactive. Therefore, with implementation of Mitigation Measure BIO-1, impacts would be less than significant.

Threshold 2:	Would the project have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

Impact BIO-2 THE PROJECT WOULD NOT HAVE A SUBSTANTIAL ADVERSE EFFECT ON SENSITIVE NATURAL COMMUNITIES. NO IMPACT WOULD OCCUR.

The site is paved, with ornamental vegetation. No sensitive natural communities defined by CDFW in the Natural Communities list occur on the project site. No riparian habitat occurs on site and riparian and aquatic habitats occurring off site to the southeast would not be impacted by the project. No impacts on sensitive natural communities would occur as a result of the project.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

There would be no impact.

Threshold 3:	Would the project have a substantial adverse effect on state or federally protected wetlands (including but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

Impact BIO-3 THE PROJECT WOULD NOT RESULT IN A SUBSTANTIAL ADVERSE EFFECT ON STATE- OR FEDERALLY-PROTECTED WETLANDS. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

No wetlands occur on the site (USGS 2024; USFWS 2023). The Beverly Ehreth Ecological Preserve is approximately 150 feet southeast. Construction of the fuel facility site would take place north of Vintage Way and entirely outside of the wetlands and freshwater pond to the southeast. The project would not involve direct or cause indirect removal, filling, or hydrological interruption of these features. As described in more detail in Section 4.7, *Hydrology and Water Quality*, the fuel facility site drainage would be contained within the site itself, and stormwater would be directed to two bioretention basins for filtration before being discharged into existing stormwater systems within Vintage Oaks Shopping Center and Vintage Way. In addition, drainage collected near the canopy structure would be directed to an oil/water separator before being discharged into the sanitary sewer system. This drainage design would ensure no operational runoff from the site travels into the nearby wetland and pond features. Therefore, impacts to jurisdictional wetlands or waters would be less than significant.

Additionally, the project would be required to comply with the NPDES Construction General Permit requirements and prepare a Stormwater Pollution Prevention Plan (SWPPP), which includes BMPs (best management practices) for erosion control (see Section 4.7, *Hydrology and Water Quality)*. This would ensure any pollutants carried in stormwater runoff do not enter nearby wetland features during construction or operation. Construction would not involve direct or cause indirect removal, filling, or hydrological interruption of these features.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant without mitigation.

Threshold 4:	Would the project interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Impact BIO-4 THE PROJECT WOULD NOT INTERFERE SUBSTANTIALLY WITH WILDLIFE MOVEMENT. NO IMPACT WOULD OCCUR.

The site is approximately 150 feet from the Beverly Ehreth Ecological Preserve, 640 feet from the Petaluma Marsh Wildlife Area, and 0.7 miles from Novato Creek. These areas provide corridors for wildlife movement in eastern Novato and San Pablo Bay. However, the site is developed with urban uses and does not provide a corridor for wildlife movement. Construction and operation of the project would be limited to the parking lot and would not expand urban uses into nearby open space areas. Further, the project site is bounded by the SMART commuter rail line and US 101, which are lined with chain link fencing creating an existing barrier to wildlife entering the project sites. In addition, the Beverly Ehreth Ecological Preserve to the southeast has a 4-foot chain link

fence to control access to this area. The existing fencing constrains wildlife movement into the project site. Therefore, the proposed project would not result in any impacts that would interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

There would be no impact.

Threshold 5:	Would the project conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

Impact BIO-5 THE PROJECT WOULD NOT CONFLICT WITH ANY LOCAL POLICIES OR ORDINANCES PROTECTING BIOLOGICAL RESOURCES. THIS IMPACT WOULD BE LESS THAN SIGNIFICANT.

The Vintage Oaks Design Manual, an element of the Vintage Oaks Precise Development Plan, requires a minimum of five percent of the interior parking area to be landscaped exclusive of required perimeter landscaping. The Precise Development Plan also requires a minimum of 30 percent shade coverage for the parking area. NMC Chapter XVII (Trees and Shrubs), Section 17-1.3 makes it unlawful for any person or group of persons to alter or remove or cause to be altered or removed, any heritage tree on any parcel in the City of Novato without a permit from the City. A heritage tree is defined as any native or non-native woody plant with a diameter of 24 inches or more measured at 24 inches above existing grade, or any tree designated as such by the city council. The site is developed, so NMC Chapter XVII permit requirements applicable to non-heritage trees on undeveloped properties do not apply.

The project would remove 27 trees from landscaped islands within the parking lot and driveways, none of which meet the NMC definition of heritage trees, as their sizes are considerably smaller the 24-inch minimum diameter. These trees were planted as typical parking lot landscaping and are mainly non-native purple robe locust, pin oak, honey locust, and Chinese pistache. Two California sycamores are proposed for removal. While this species is native to California, these individuals are part of ornamental landscaping and are in poor health (ArborWell 2020).

The landscape plan includes 6,086 square feet of new landscaping, meeting the five percent landscaping, and 30 percent shade coverage required by the Vintage Oaks Design Manual. Additionally, the project includes the installation of new landscaping, including 36 new trees, within the parking lot and along Vintage Way. The 27 removed trees would be replaced with the 36 new trees, resulting in a net increase in on-site landscaping.

The Novato General Plan 2035 and the NMC also contain policies, development standards, and permitting procedures applicable to sites hosting wetlands, waterways and riparian habitat, hillsides, and woodland resources. None of these policies, development standards, and permitting procedures apply to the project since the project site is developed with urban uses and there are no wetlands, waterways, riparian habitat, or woodland resources located therein.

Therefore, the project would not conflict with local policies and ordinances and impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant without mitigation.

Threshold 6:	Would the project conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?

Impact BIO-6 THE PROJECT WOULD NOT CONFLICT WITH THE PROVISIONS OF AN ADOPTED HABITAT CONSERVATION PLAN, NATURAL COMMUNITY CONSERVATION PLAN, OR OTHER APPROVED LOCAL, REGIONAL, OR STATE HABITAT CONSERVATION PLAN. THERE WOULD BE NO IMPACT.

The project site is not located within the boundaries of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. As such, the project would not conflict with the provisions of an applicable plan, and no impact would occur.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

There would be no impact.

4.2.4 Cumulative Impacts

The geographic scope for cumulative biological resources impacts includes the areas surrounding the project site, including the City of Novato, unincorporated Marin County, the City of San Rafael, and the San Pablo Bay National Wildlife Refuge, within approximately 10 miles of the City. This geographic scope is appropriate for biological resources because it encompasses the mosaic of representative land cover, habitat types, and associated biological resources affected by the project, including primarily urban, residential, commercial, and industrial development with areas of natural habitats.

The planned and pending projects in the project vicinity are listed in Table 3-1 of Section 3, *Environmental Setting*. Cumulative development in the area could contribute to the loss of habitat for special-status species and the decline of special-status species, cause further fragmentation of habitat and isolation of populations, and decrease movement opportunities. Together, cumulative projects could result in the degradation of the suite of habitat types and associated biological resources, including special-status plant and wildlife species, that occur within the cumulative setting and could result in overall diminished regional ecological functions and values. Impacts to biological resources would most likely be mitigated on a project-by-project basis. However, permanent losses of sensitive habitats, including sensitive natural communities and listed species, would be a potentially significant cumulative impact.

The project would not impact natural communities, wetlands, wildlife movement, or wildlife nursery sites. The removal of trees and landscaping on site could result in project-level impacts to nesting birds; however, Mitigation Measure BIO-1 would reduce this impact to a less than significant level. As such, the project would not make a cumulatively considerable contribution to any significant cumulative biological resource impacts.

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4.3 Cultural Resources

This section analyzes the proposed project's potential impacts related to cultural resources, including historical and archeological resources as well as human remains. Impact analyses on cultural resources are not indicative of tribal cultural resources, and any such impacts assessments should be reviewed in Section 4.9, *Tribal Cultural Resources*. The analysis in this section is based on a Cultural Resources Study prepared for the project by Rincon Consultants, Inc. (Rincon) in October 2020 and additional background research conducted by Rincon in April 2023. The full Cultural Resources Technical Memorandum is referenced as confidential Appendix H of this EIR; this Memorandum is not included in the EIR to protect sensitive information about cultural resources.

4.3.1 Setting

a. Natural Setting

The project site lies within the San Francisco Bay Area at an approximate elevation of 3 meters (10 feet) above mean sea level. The project site is fully developed due to the commercial development of the Vintage Oaks Shopping Center. The surrounding area is also largely developed for residential and commercial purposes with paved or landscaped features; however, areas to the east retain some natural setting as part of Deer Island Preserve. The general vicinity of the project site includes wetlands and marshlands with native species of oak trees such as coast live oak, blue oak, black oak, and white oak. The closest freshwater source to the project site is Novato Creek located approximately 0.45 miles to the northeast.

According to published geologic mapping, the project site is underlain largely by Jurassic and Cretaceous age Franciscan Complex sandstone and shale, specifically thick bedded, arkosic sandstone and interbedded shale (Rice et al. 2002; Graymer et al. 2006). Jurassic- and Cretaceous-aged geologic units do not typically contain archaeological resources as these time periods predate human existence. In addition, the overlying soils recorded in the project site consist of artificial fill between three and four feet deep placed over alluvial deposits and Bay Mud extending to a depth of 30 feet. Soils within the project site have been further characterized exclusively as Xerorthents, which refers to man-modified material, either soils rearranged in a cut and fill or as tailings. These soils are comprised largely of fill or disturbances related to urban developments and do not typically retain their original characteristics or context (California Soil Resource Lab 2023).

Geotechnical results have also identified a layer of Holocene-aged alluvium present between 3 and 17 feet below the surface of the project site (Dockendorf and Traum 2020). While fill soils may be disturbed, Holocene-aged alluvial soils, and to a lesser extent, later Pleistocene-aged soils, have the potential to contain intact archaeological deposits because of the episodic nature of alluvial sedimentation making the sudden burial of artifacts possible (Waters 1983; Borejaza et al. 2014).

b. Cultural Setting

Indigenous History

The project site lies in the San Francisco Bay Area archaeological region (Milliken et al. 2007; Moratto 1984). Milliken et al. (2007) generally divided the pre-contact chronology of the Bay Area into five periods: The Early Holocene (8000 to 3500 before common era [BCE]), Early Period (3500 to

500 BCE), Lower Middle Period (500 BCE to 430 common era [CE]), the Upper Middle Period (430 to 1050 CE), and the Late Period (1050 CE to contact).

It is presumed that early Paleoindian groups lived in the area prior to 8000 BCE due to evidence in Alta California and the Channel Islands (McLaren et al. 2019). However, no evidence for this period has been discovered in the San Francisco Bay Area (Milliken et al. 2007). Sites dating to this period may be submerged or deeply buried as a result of rising sea levels and widespread sediment deposition that has occurred since the Terminal Pleistocene (Byrd et al. 2017). For this reason, the Terminal Pleistocene Period (ca. 11,700 to 8000 BCE) is not discussed here.

The earliest intensive study of archaeology of the San Francisco Bay Area began with N. C. Nelson of the University of California, Berkeley, between 1906 and 1908. Mr. Nelson documented over 400 shell mounds throughout the area. Nelson was the first to identify the Bay Area as a discrete archaeological region (Moratto 1984).

Early Holocene (8000 to 3500 BCE)

Archaeological evidence from the early Holocene is limited as sites dating to this period are likely buried under Holocene alluvial deposits (Moratto 1984; Ragir 1972). Available data suggests that the Early Holocene in the San Francisco Bay Area is characterized by a mobile forager pattern and the presence of millingslabs, handstones, and a variety of leaf-shaped projectile points. The two oldest archaeological sites (CA-CCO-696 and CA-CCO-637) dating to this period in the San Francisco Bay Area have been identified in Contra Costa County. The earliest dates for the Early Holocene comes specifically from CA-CCO-696, dating to approximately 7000 BCE (Milliken et al. 2007).

Early Period (3500 to 600 BCE)

The Early Period saw increased sedentism with the introduction of new ground stone technologies (i.e., mortar and pestle) with an increase in regional trade, and the first cut shell beads. The earliest evidence for the use of the mortar and pestle in the San Francisco Bay Area dates to 3800 BCE and comes from CA-CCO-637. By 1500 BCE, mortars and pestles had almost completely replaced millingslabs and handstones, indicating a greater reliance on processing nuts, especially acorns. Faunal evidence from various sites during this period indicate a diverse faunal exploitation pattern based on the presence mussel and other shellfish, marine mammals, terrestrial mammals, and birds within sites dating to this period (D'Oro 2009).

The earliest cut bead horizon is also associated with this period. Rectangular *Haliotis* spp. (abalone) and Olivella (snail) beads have been identified at several Early Period sites (Milliken et al. 2007). These early examples of cut beads were recovered from mortuary contexts.

Lower Middle Period (500 BCE to 430 CE)

The Lower Middle Period saw numerous changes from the previous period. The presence of chipped stone points and bone tools became typical. Rectangular shell beads, common during the Early Period, disappear completely and are replaced by split-beveled and saucer Olivella beads. *Haliotis* spp. ornaments, bone tools and ornaments, and basketry awls also became typical, indicating the development of coiled basketry technology. Mortars and pestles continued to be the dominant grinding tool (Luby and Gruber 1999; Milliken et al. 2007).

Evidence for the Lower Middle Period in the Bay Area comes from sites such as the Emeryville shell mound (CA-ALA-309) and Ellis Landing (CA-CCO-295). CA-ALA-309 is one of the largest shell mounds in the San Francisco Bay Area and contains multiple cultural sequences. The lower levels of the site,

which date to the Middle Period, contain flexed burials with bone implements, chert bifaces, charmstones, and oyster shells (Moratto 1984).

Upper Middle Period (430 to 1050 CE)

Around 430 CE, Olivella saucer bead trade networks that had been established during earlier periods collapsed and over half of known sites in the San Francisco Bay Area occupied during the Lower Middle Period were abandoned. Olivella saucer beads were replaced with Olivella saddle beads. New types of material culture appear within these sites, including elaborate, decorative blades, fishtail charmstones, new *Haliotis* spp. ornament forms, and mica ornaments. Sea otter bones became more abundant, while salmon and other fish became less so, suggesting changes in faunal exploitation patterns from earlier periods (Milliken et al. 2007; Simons and Carpenter 2009). Excavations at CA-ALA-309 indicate that a shift from mussels to oysters, and oysters to clams may have occurred (Gifford 1916). Isotopic analysis confirms that San Francisco Bay Area individuals shifted from hunting higher trophic-level foods in the Early Period to gathering foods like plants and shellfish in the Middle and Upper periods (Burns et al. 2012). Subsistence analyses at various sites dating to this period indicate a diverse diet that included numerous species of fish, mammals, birds, shellfish, and plant resources that varied by location in the San Francisco Bay Area (Hylkema 2002).

Late Period (1050 CE to Contact)

The Late Period saw an increase in social complexity, indicated by differences in burials and an increased level of sedentism relative to preceding periods, evidenced by mortars weighing up to 90.7 kilograms (Lentz 2012:198). An increase in imported Napa Valley obsidian occurred during this time for the production of smaller points, preforms and simple flake tools. Small, finely worked projectile points of the Stockton Serrated series associated with bow and arrow technology appear around 1250 CE. Olivella shell beads disappeared and were replaced with Olivella-lipped and spire-lopped beads in the south bay and clamshell disk beads in the north bay. Thicker and larger beads indicated higher affluence. The toggle harpoon, hopper mortar, and magnesite tube beads also appeared during this period (Milliken et al. 2007; Lentz 2012; Van Der Porten et al. 2014). As did an increase in the intensity of resource exploitation that correlates with an increase in population (Moratto 1984). Many of the well-known sites of earlier periods, such as the Emeryville shell mound (CA-ALA-309) and the West Berkeley site (CA-ALA-307), were abandoned, as indicated by the lack of Late Period elements. Researchers have suggested that the abandonment of these sites may have resulted from fluctuating climates and drought that occurred throughout the Late Period (Lightfoot and Luby 2002).

Ethnographic Background

The project site is located in the traditional tribal territory of the Coastal Miwok. The Coastal Miwok are members of the larger Miwokan subgroup of the Utian language family inhabiting the northern area of Sherman Island surrounding Mount Diablo (Kroeber 1925; Levy 1978). Coastal Miwok territory is bordered by the Pomo to the north, Wappo to the northeast, and Patwin to the east.

Miwok settlements typically included thatched, conical houses and semi-subterranean earth-covered dwellings in winter, constructed by higher status families. Houses generally had a central hearth and an earth oven for cooking purposes. Large, semi-subterranean assembly houses were constructed for use as a ritual and social gathering place. In summer, a circular brush hut was constructed for use in mourning ceremonies. Other structures included sweathouses for curing disease and purification prior to hunting, small conical structures used by menstruating women, and

grinding houses built over bedrock mortars to permit food processing in inclement weather. Acorn granaries were constructed for long-term acorn storage (Kroeber 1925; Levy 1978).

Miwok social organization is characterized by the moiety pattern, with all living things belonging to one of two categories: land and water. Moieties typically married outside their own groups which played an important role in many ceremonies (Levy 1978). On the other hand, political organization centered on small tribelets of approximately 300 to 500 people and several distinct settlements. A chief headed each tribelet, and a representative of the chief of each settlement had oversight of local affairs. Chiefs acted as advisors and managed use of natural resources by preventing trespassing on tribelet territory and determining the appropriate time to begin the acorn harvest each season. The chief also arbitrated any disputes and sanctioned the punishment of criminal offenders (Kroeber 1925; Levy 1978).

Traditional Miwok artistry includes twined and coiled basketry, usually from willow and redbud trees. Other activities included the manufacturing of tule mats used as floor covering. Woven blankets were often made of rabbit skin strips or feathers attached to cordage woven from plant fibers. Tule balsa rafts would be used to navigate rivers and sloughs (Levy 1978).

Traditional Miwok subsistence practices centered on the use of acorns and other seeds as primary plant food sources and on hunting of mule deer, tule elk, pronghorn antelope, and various species of waterfowl. Hunting was done typically with a sinew-backed bow and arrow. Fishing was a particularly important activity for the Miwok, primarily with various types of nets. Seines were used in large rivers and sloughs where the pace of water flow was slow. Hook and line was typically used to take sturgeon, while harpoons were the most common implement for salmon fishing (Levy 1978).

The Coast Miwok were exploited for labor by Mission Dolorés, established in 1800 in San Francisco, and later by the Mexican land grant holders. As a direct result of the establishment of the mission system, the Coast Miwok population dramatically declined. After the establishment of the United States, the Coast Miwok were legally prevented from owning land in their traditional territories. Despite this, Coast Miwok continue to populate the Marin area, with the federal recognition of the Federated Indians of Graton Rancheria restored in 2000 (Milliken et al. 2009; Federated Indians of Graton Rancheria 2016). The Coast Miwok Tribal Council of Marin was established in 2020 with the purpose of renewing the traditional customs and practices of their ancestors and continue, with prayer and ceremony, to feed the land (Coast Miwok of Marin 2023).

Post-Contact Setting

Post-contact history for the state of California is generally divided into three periods: the Spanish Period (1769 to 1822), Mexican Period (1822 to 1848), and American Period (1848 to present). Although Spanish, Russian, and British explorers visited the area for brief periods between 1529 and 1769, the Spanish Period in California begins with the establishment in 1769 of a settlement at San Diego and the founding of Mission San Diego de Alcalá, the first of 21 missions constructed between 1769 and 1823. Independence from Spain in 1821 marks the beginning of the Mexican Period, and the signing of the Treaty of Guadalupe Hidalgo in 1848, ending the Mexican-American War, signals the beginning of the American Period when California became a territory of the United States.

Spanish Period (1769 to 1822)

Spanish explorers made sailing expeditions along the coast of California between the mid-1500s and mid-1700s. Juan Rodriguez Cabrillo in 1542 led the first European expedition to observe what was known by the Spanish as Alta (upper) California. For more than 200 years, Cabrillo and other

Spanish, Portuguese, British, and Russian explorers sailed the Alta California coast and made limited inland expeditions, but they did not establish permanent settlements (Bean 1968; Rolle 2003). The Spanish crown laid claim to Alta California based on the surveys conducted by Cabríllo and Vizcaíno (Bancroft 1885; Gumprecht 1999).

By the eighteenth century, Spain developed a three-pronged approach to secure its hold on the territory and counter against other foreign explorers. The Spanish established military forts known as presidios, as well as missions and pueblos (towns) throughout Alta California. The 1769 overland expedition by Captain Gaspár de Portolá marks the beginning of California's historic period, occurring just after the King of Spain installed the Franciscan Order to direct religious and colonization matters in assigned territories of the Americas. Portolá established the Presidio of San Diego as the first Spanish settlement in Alta California in 1769.

Construction of missions and associated presidios was a major emphasis during the Spanish Period in California to aggressively convert the Native American population into Christianity and communal enterprise. Incentives were also provided to bring settlers to pueblos or towns; just three pueblos were established during the Spanish Period, only two of which were successful and remain as California cities (San José and Los Angeles).

Spain began making land grants in 1784, typically to retiring soldiers, although the grantees were only permitted to inhabit and work the land. The land titles technically remained property of the Spanish king (Livingston 1914).

Mexican Period (1822 to 1848)

Several factors kept growth within Alta California to a minimum, including the threat of foreign invasion, political dissatisfaction, and unrest among the indigenous population. After more than a decade of intermittent rebellion and warfare, New Spain won independence from Spain in 1821. In 1822, the Mexican legislative body in California ended isolationist policies designed to protect the Spanish monopoly on trade, and decreed California ports open to foreign merchants (Hackel 1997).

Extensive land grants were established in the interior during the Mexican Period, in part to increase the population inland from the more settled coastal areas where the Spanish had first concentrated their colonization efforts. The secularization of the missions following Mexico's independence from Spain resulted in the subdivision of former mission lands and establishment of many additional ranchos. Commonly, former soldiers and well-connected Mexican families were the recipients of these land grants, which now included the title to the land.

In 1839, Rancho de Novato was given as a land grant to Fernando Feliz by Mexican Governor Juan Bautista Alvarado and was originally an 8,870-acre rancho (Novato Historical Guild 2023). The rancho changed hands and was subdivided several times after it was first granted (Coady 2005; Novato Historical Guild 2023). During the supremacy of the ranchos (1834 to 1848), landowners largely focused on the cattle industry and devoted large tracts to grazing. The number of nonnative inhabitants increased during this period because of the influx of explorers, trappers, and ranchers associated with the land grants. The rising California population contributed to the introduction and rise of diseases foreign to the Native American population, who had no associated immunities.

American Period (1848 to Present)

The United States went to war with Mexico in 1846. During the first year of the war, John C. Fremont traveled from Monterey to Los Angeles with reinforcements for Commodore Stockton, and evaded Californian soldiers in Santa Barbara's Gaviota Pass by taking the route over the San Marcos

grade instead (Kyle 2002). The war ended in 1848 with the Treaty of Guadalupe Hidalgo, ushering California into its American Period.

California officially became a state with the Compromise of 1850, which also designated Utah and New Mexico (with present-day Arizona) as United States territories (Waugh 2003). Horticulture and livestock, based primarily on cattle as the currency and staple of the rancho system, continued to dominate the California economy through the 1850s. The discovery of gold in the northern part of the state led to the Gold Rush beginning in 1848, and with the influx of people seeking gold, cattle were no longer desired mainly for their hides but also as a source of meat and other goods. During the 1850s cattle boom, rancho vaqueros drove large herds from Southern to Northern California to feed that region's burgeoning mining and commercial boom.

A severe drought in the 1860s decimated cattle herds and drastically affected many rancheros' source of income. In addition, property boundaries that were loosely established during the Mexican era led to disputes with new incoming settlers, problems with squatters, and lawsuits. Rancheros often were encumbered by debt and the cost of legal fees to defend their property. As a result, much of the rancho lands were sold or otherwise acquired by Americans. Most of these ranchos were subdivided into agricultural parcels or towns (Dumke 1944).

Local History

Shortly after California was incorporated into the Union, Marin County Court of Sessions divided the county into four townships, Novato being one of the four on September 15, 1849. In 1856, the land was sold to Joseph Sweetser and Francis DeLong who planted 44,000 fruit trees, and eventually became America's largest apple orchard. In 1879, the first train depot was built in Novato to facilitate the Northwestern Pacific Railroad and helped jumpstart commercial development in Novato (Novato Historical Guild 2023).

Residential lots were first put up for sale in 1888, and by 1918, First through Seventh Streets were laid out and developed. In the 1890s, multiple buildings such as Loustanau Hall and Scott's Halls were erected that facilitated social events (Novato Historical Guild 2023). Novato grew steadily throughout the early twentieth century with the building of the town's second train depot in 1903 and the first hospital in 1907. There was major development in Novato in the 1920s with frequent construction of buildings and establishment of institutions, including Novato's third grammar school in 1922, the Novato Sanitary District and the Novato Library in 1925, the Novato Fire District in 1926, and multiple other establishments crucial for a growing town (Novato Historical Guild 2023). In the late 1920s, construction began at Hamilton Air Force Base, resulting in major economic growth for the region and an eventual population boom when World War II brought numerous recruits and their families to the base (Coady 2005, 2006; City of Novato 2014). In 1954 Novato became the first community in Marin County to form a unified school district. On January 20, 1960, Novato was incorporated as a city and has continued to grow in population and establish other amenities for the city.

Existing Conditions

Rincon completed a cultural resources study of the project site in October 2020 (Appendix H). The study consisted of a California Historical Resources Information System records search of the project site as well as a 0.5-mile radius around the project site at the Northwest Information Center (NWIC) including a review of the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and the California State Office of Historic Preservation Built Environment Directory, a review of the Sacred Lands File, informal Native American outreach, and a pedestrian

field survey. Following the cultural resources study, Rincon conducted additional background research in April 2023 to determine the likelihood of the site containing subsurface archaeological resources. Background research included a review of historical aerial photographs, topographic maps, ethnographic publications, and a geotechnical report conducted for the project.

Built Environment Cultural Resources in the Project Site

The NWIC records search, including a review of the NRHP, CRHR, and Built Environment Directory identified two previously recorded built environment cultural resources within a 0.5-mile of the project site, none of which are located within or adjacent to the project site. Additionally, both resources were evaluated and recommended ineligible for the NRHP and CRHR (Tom Origer & Associates 2018a, 2018b). The field survey did not identify any age-eligible built environment cultural resources within or adjacent to the project site.

Archaeological Resources in the Project Site

Ethnographic maps and records place the project site within an area known to have been populated by a number of Coast Miwok villages, and specifically Tchoc'eche: a named village depicted as south of the city of Novato between two unnamed tributaries matching the location of Novato Creek located near the project site (Kroeber 1925; Kelly 1991; Milliken 2009). Historical topographic maps and aerial photographs between 1914 and 1968 show two mounds within the project site (USGS 1914, 1954; Nationwide Environmental Title Research Online 1952). Additionally, a flat graded area is depicted in aerials following 1973 (Nationwide Environmental Title Research Online 1983), consistent with the description and subsequent destruction described in the resource record. No further disturbance is depicted in the aerial photographs or topographic maps until 1993, when the project site is depicted as paved with the currently extant parking lot (Nationwide Environmental Title Research Online 1993). Geotechnical testing of the project site confirmed that the project site is generally underlain by one to five feet of artificial fill with the northeast half of the project site containing alluvial soils commonly associated with archaeological midden deposits between 5 and 15 feet below ground surface and the southwest half of the project site containing only a thin alluvial layer with underlying bedrock approximately five feet below ground surface (Dockendorf and Traum 2020).

The results of the Sacred Lands File search were positive for the presence of Native American sacred lands and resources. The NWIC records search identified one previously recorded archaeological resource within the project site consisting of a Native American archaeological resource. The most recent update to the resource record by Tom Origer in 1978 indicated that the resource was destroyed in 1973 by grading and removing soils for the construction of the Highway 101 bypass. The NWIC also identified 28 previously conducted studies overlapping the project site, of which three discussed the resource. None of these studies included subsurface testing, and all three concluded that the resource had been destroyed by grading activities associated with the construction of Highway 101 in 1973.

The field survey conducted by Rincon confirmed that the area was paved over with a parking lot. The field survey had nearly no ground visibility with few exceptions in ornamental landscaped islands scattered throughout the area. No surficial remnants of the resource or any other archaeological artifacts were observed within the project site during the field survey.

4.3.2 Regulatory Setting

a. State Regulations

California Environmental Quality Act

The California Environmental Quality Act (CEQA) requires that a lead agency determine whether a project could have a significant effect on historical resources (Public Resources Code [PRC] Section 21074 [a][1][A]-[B]). A historical resource is a resource listed in or determined to be eligible for listing in the CRHR (Section 21084.1), a resource included in a local register of historical resources (Section 15064.5[a][2]), or any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant (Section 15064.5[a][3]).

PRC Section 5024.1 requires an evaluation of historical resources to determine their eligibility for listing in the CRHR. The purpose of the register is to maintain listings of the state's historical resources and to indicate which properties are to be protected from substantial adverse change. The criteria for listing resources in the CRHR were expressly developed to be in accordance with previously established criteria developed for listing in the NRHP, as enumerated according to CEQA and quoted below.

> 15064.5(a)(3) […] Generally, a resource shall be considered by the lead agency to be "historically significant" if the resource meets the criteria for listing on the California Register of Historical Resources (PRC, § 5024.1, Title 14 California Code of Regulations, Section 4852) including the following:
>
> (1) Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage
> (2) Is associated with the lives of persons important in our past
> (3) Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values
> (4) Has yielded, or may be likely to yield, information important in prehistory or history
>
> 15064.5(a)(4) The fact that a resource is not listed in or determined to be eligible for listing in the California Register of Historical Resources, not included in a local register of historical resources (pursuant to section 5020.1(k) of the PRC), or identified in an historical resources survey (meeting the criteria in section 5024.1(g) of the PRC) does not preclude a lead agency from determining that the resource may be an historical resource as defined in PRC sections 5020.1(j) or 5024.1.
>
> 15064.5(b) A project with an effect that may cause a substantial adverse change in the significance of an historical resource is a project that may have a significant effect on the environment.

In addition, if a project can be demonstrated to cause damage to a unique archaeological resource, the lead agency may require reasonable efforts to permit any or all of these resources to be preserved in place or left in an undisturbed state. To the extent that resources cannot be left undisturbed, mitigation measures are required (PRC Section 21083.2[a], [b], and [c]).

PRC Section 21083.2(g) defines a unique archaeological resource as an artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it does one or more of the following:

1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information
2. Has a special and particular quality such as being the oldest of its type or the best available example of its type
3. Is directly associated with a scientifically recognized important prehistoric or historic event or person

Impacts to significant cultural resources that affect the characteristics of any resource that qualify it for the NRHP or adversely alter the significance of a resource listed in or eligible for listing in the CRHR are considered a significant effect on the environment. These impacts could result from physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of an historical resource would be materially impaired (*CEQA Guidelines* Section 15064.5 [b][1]). Material impairment is defined as demolition or alteration in an adverse manner [of] those characteristics of an historical resource that convey its historical significance and that justify its inclusion or eligibility for inclusion in the CRHR (*CEQA Guidelines* Section 15064.5[b][2][A]).

Codes Governing Human Remains

The disposition of human remains is governed by Section 7050.5 of the California Health and Safety Code and Sections 5097.94 and 5097.98 of the PRC and falls within the jurisdiction of the Native American Heritage Commission (NAHC). If human remains are discovered, the County Coroner must be notified within 48 hours and there should be no further disturbance to the site where the remains were found. If the remains are determined by the coroner to be Native American, the coroner is responsible for contacting the NAHC within 24 hours. The NAHC, pursuant to Section 5097.98, will immediately notify those persons it believes to be most likely descended from the deceased Native Americans so they can inspect the burial site and make recommendations for treatment or disposal.

b. Local Regulations

City of Novato Municipal Code

The City of Novato Municipal Code (NMC) Section 4-7 provides the procedure for preserving and studying valuable cultural resources in the City. NMC Section 4-7 states that certain deposits and sites of cultural significance shall be preserved in an undisturbed state whenever possible. The ordinance further clarifies that if preservation is not possible, the resource should be excavated and studied with regard first to be given to the value the resource has to the descendants of Native Americans and the general public. In NMC Section 4-7, cultural resources are defined as all evidence of human occupation and activity which may be used to reconstruct the history and culture of past peoples. This evidence shall include but not be limited to sites, structures, artifacts, and physical remains which existed prior to 1860. The following was taken from the NMC Section 4-7:

4.7-3 *Archaeological Investigations Permit Required*.

(a) Whenever construction or other activities are proposed which will disturb a recorded or otherwise previously encountered cultural resource or a cultural site, an archaeological investigation permit shall be obtained prior to commencement of work and prior to the issuance of any building or grading permit.

(b) Whenever a recorded or unrecorded archaeological resource is encountered and an archaeological investigation permit has not been issued, all activities which may disturb the resource shall be stopped, and any city building permit or other authorization which may disturb the resource shall be suspended until issuance of an archaeological investigation permit.

4-7-4 *Permit Procedure.*

Mitigation measures may be required as conditions of approval, and the City may work with the permittee to find independent funding for the mitigation measures. Conditions of approval may include, but shall not be limited to, any or all of the following example conditions:

- Preliminary site planning shall be done under the supervision of a qualified archaeologist to relocate construction away from the resource.
- Prior to any construction activity, archaeological excavation, identification, classification, and property [sic] scientific analysis of artifacts and other materials having historical or archaeological significance shall be accomplished by a person with qualifications satisfactory to the community development director.
- A qualified archaeologist and qualified Native American shall be permitted to make periodic visits to the archaeological resource to observe the work in progress.

4-7-5 *Records of Archaeological Findings.*

Whenever work is performed by an archaeologist pursuant to this section, complete and accurate records shall be kept and filed with the State Historic Preservation Officer or representative, and copies thereof placed in the site report files at California State University at San Francisco, California State University at Sonoma, the Marin Miwok Museum, and the City of Novato Community Development Department. The portions of the report which describe the specific location of a cultural site shall be confidential and not available to the general public in order to prevent unauthorized disturbance.

Novato Zoning Code

NMC Section 19.16.060 establishes standards and regulations for the Historic (H) overlay district. The purpose of the H overlay district is to "protect areas and structures identified by the community as historically significant elements that contribute to Novato's cultural, social, economic, political, aesthetic, architectural heritage, identity, and character." The development of new structures, demolition, or alteration of existing structures and establishment of new uses within the H district require Design Review approval and must be consistent with specified design standards. Any request for demolition approval must include an evaluation of the architectural significance of the structure prepared by a qualified person approved by the City.

City of Novato General Plan

The City of Novato General Plan 2035, which was adopted in October 2020, includes policies relating to cultural resources (City of Novato 2020). As presented in the Community Character section of Chapter 2: Great Places, these policies include:

- **CC 1: Historic Buildings, Sites and Districts.** Identify, recognize, and protect sites, buildings, structures and districts with significant cultural aesthetic and social characteristics which are part of Novato's heritage.
- **CC 2: Archaeological Resources Protection.** Recognize the importance of protecting significant archaeological resources and implement measures to preserve such resources.

4.3.3 Impact Analysis

a. Methodology and Significance Thresholds

If a project may cause a substantial adverse change in the characteristics of a resource that convey its significance or justify its eligibility for inclusion in the CRHR or a local register, either through demolition, destruction, relocation, alteration, or other means, then the project would have a significant effect on the environment (*CEQA Guidelines* Section 15064.5[b]). Appendix G of the *CEQA Guidelines* indicates that a project's impacts to cultural resources would be significant if the project would:

1. Cause a substantial adverse change in the significance of a historical resource pursuant to Section 15064.5;
2. Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5;
3. Disturb any human remains, including those interred outside of formal cemeteries; and/or

Threshold 1 broadly refers to historical resources. To more clearly differentiate between archaeological and built environment resources, analysis under Threshold 1 has been limited to built environment resources. Archaeological resources, including those that may be considered historical resources pursuant to Section 15064.5 and those that may be considered unique archaeological resources pursuant to Section 21083.2, are considered under Threshold 2.

Direct impacts can be assessed by identifying the types and locations of proposed development, determining the exact locations of cultural resources within the project site, assessing the significance of the resources that may be affected, and determining the appropriate mitigation. Removal, demolition, or alteration of historical resources can permanently impact the historic fabric of an archaeological site, building, structure, or historic district.

The State Legislature, in enacting the CRHR, amended CEQA to clarify which properties are significant, as well as which project impacts are considered to be significantly adverse. A project with an effect that may cause a substantial adverse change in the significance of a historical resource is a project that may have significant effect on the environment (*CEQA Guidelines* Section 150645[b]). A substantial adverse change in the significance of a historical resource means demolition, destruction, relocation, or alteration of the resource or its immediate surroundings such that the significance of a historical resource would be materially impaired (*CEQA Guidelines* Section 150645[b][1]).

The *CEQA Guidelines* further state that "[t]he significance of an historical resource is materially impaired when a project… [d]emolishes or materially alters in an adverse manner those physical characteristics of an historical resource that convey its historical significance and that justify its inclusion in the California Register … local register of historic resources… or its identification in an historic resources survey." As such, the test for determining whether or not the project will have a significant impact on identified historical resources is whether it will materially impair physical integrity of the historic resource such that it could no longer be listed in the CRHR or a local landmark program.

b. Project Impacts and Mitigation Measures

Threshold 1:	Would the project cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?

Impact CUL-1 THE PROJECT WOULD NOT CAUSE A SUBSTANTIAL ADVERSE CHANGE IN THE SIGNIFICANCE OF A HISTORICAL RESOURCE, AS THERE ARE NO SUCH RESOURCES ON THE PROJECT SITE. THERE WOULD BE NO IMPACT.

For the purposes of this analysis, historical resources include buildings, structures, and objects over 45 years of age that have been listed in, or found eligible for, the NRHP, CRHR, or a local register. CEQA and local regulations do not specify an age threshold for historical resources. However, guidance from the State Office of Historic Preservation makes the recommendation in Title 14 Section 4852 that "sufficient time"—typically 50 years—"must have passed to obtain a scholarly perspective" necessary to evaluate the significance of the historical events with which a property is associated. A threshold of 45 years is recommended because there is often "a five-year lag between resource identification and the date that planning decisions are made" (California Office of Historic Preservation 1995).

No historical resources were identified within or adjacent to the project site and no age-eligible properties were identified within the project site during the field survey. Therefore, there would be no impact to historical resources.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

There would be no impact.

Threshold 2:	Would the project cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?

Impact CUL-2 EXCAVATION REQUIRED FOR THE PROPOSED PROJECT HAS THE POTENTIAL TO UNEARTH AND ADVERSELY CHANGE OR DAMAGE KNOWN AND UNKNOWN ARCHAEOLOGICAL RESOURCES. IMPACTS WOULD BE LESS THAN SIGNIFICANT WITH MITIGATION.

Based on the results of the cultural resources study prepared for the project, one archaeological resource of Native American origin has been previously recorded within the project site. Three previously conducted studies that overlap the project site concluded that the resource had been destroyed during grading conducted in 1973; however, none of these studies included subsurface

testing to confirm the presence or absence of the resource. Additionally, the geotechnical study conducted for the project identified alluvial soils beneath the project site with the potential to preserve archaeological deposits. Therefore, the resource may be present beneath the existing pavement. The presence of pavement and overlying fill render archaeological excavation to determine the presence or absence of the archaeological resource infeasible. The resource is therefore assumed to be eligible for the CRHR and qualifies as a historical resource.

Soils with the potential to contain significant archaeological resources are present between 1 and 5 feet below ground surface to a depth of at least 17 feet. Construction of the project includes excavation reaching up to 18 feet below ground surface. Consequently, damage to or destruction of known or previously unknown archaeological resources could occur as a result of project construction, and impacts to such resources are potentially significant. Therefore, mitigation measures would be required. Further, the significant archaeological resource that the project has the potential to impact is also a tribal cultural resource as discussed in Section 4.9, *Tribal Cultural Resources*. The following combination of cultural resources and tribal cultural resources mitigation measures would reduce archaeological impacts to less than significant levels by requiring a tribal cultural resources Treatment Plan, archaeological and tribal monitoring during ground disturbing activities, halting construction in the vicinity of any cultural or tribal cultural resources found during construction, and evaluating and treating potentially eligible resources through data recovery or other work as recommended by a qualified archaeologist and consulting tribes. With adherence to CUL-2a and CUL-2b in tandem with TCR-1a, TCR-1b, and TCR-1c described in Section 4.9, *Tribal Cultural Resources*, impacts to archaeological resources would be less than significant.

Mitigation Measure

CUL-2a Archaeological Monitoring

A qualified archaeological monitor shall be retained by the project proponent to observe all project-related ground disturbing activities. Ground disturbing activities include, but are not limited to, asphalt removal, hand excavation, clearing, grubbing, and removing and/or recompacting unconsolidated soils near the ground surface. Archaeological monitoring shall be performed under the direction of an archaeologist meeting the Secretary of the Interior's Professional Qualification Standards for archaeology (National Park Service 1983). The archaeological monitor shall be present for all pavement removal on the fuel facility site. After pavement is removed, the archaeologist shall inspect all exposed ground surfaces for the presence of surficial cultural resources prior to initiation of project grading and/or excavation. If suspected archaeological resources are encountered at any point during project construction, work within a minimum of 60 feet of the suspected resource shall halt and the find evaluated for listing in the CRHR. The 60-foot radius may be reduced or expanded at the discretion of the qualified archaeologist. If a resource is determined to be a tribal cultural resource, Mitigation Measures TCR-1a and TCR-1b, as described in Section 4.9, *Tribal Cultural Resources*, shall be implemented. Archaeological monitoring may be reduced to spot-checking or eliminated at the discretion of the qualified archaeologist, in consultation with the Native American monitor required pursuant to TCR-1c, summarized below and in Section 4.9, *Tribal Cultural Resources*, and lead agency, as warranted by conditions such as encountering bedrock, sediments being excavated are fill, or negative findings during the first 60 percent of rough grading. If monitoring is reduced to spot-checking, spot-checking shall occur, at minimum, when ground-disturbance moves to a new location within the projects site and when ground disturbance will extend to depths not previously reached (unless those depths are within bedrock).

CUL-2b Unanticipated Discovery of Archaeological Resources

In the event that archaeological resources are unexpectedly encountered during ground-disturbing activities, work within 60 feet of the find shall halt and an archaeologist meeting the Secretary of the Interior's Professional Qualifications Standards for archaeology (National Park Service 1983) shall be contacted immediately to evaluate the resource. If the resource is determined by the qualified archaeologist to be prehistoric, then a Native American representative shall also be contacted to participate in the evaluation of the resource. If the qualified archaeologist and/or Native American representative determines it to be appropriate, archaeological testing for CRHR eligibility shall be completed. If the resource proves to be eligible for the CRHR and significant impacts to the resource cannot be avoided via project redesign, a qualified archaeologist shall prepare a data recovery plan tailored to the physical nature and characteristics of the resource, per the requirements of the California Code of Regulations Guidelines Section 15126.4(b)(3)(C). The data recovery plan shall identify data recovery excavation methods, measurable objectives, and data thresholds to reduce any significant impacts to cultural resources related to the resource. Pursuant to the data recovery plan, the qualified archaeologist and Native American representative, as appropriate, shall recover and document the scientifically consequential information that justifies the resource's significance. The City shall review and approve the treatment plan and archaeological testing as appropriate, and the resulting documentation shall be submitted to the regional repository of the California Historical Resources Information System, per California Code of Regulations Guidelines Section 15126.4(b)(3)(C).

If a resource is determined to be a tribal cultural resource under CEQA as being either 1) a site, feature, place, cultural landscape, sacred place, or object with cultural value to a tribe that is listed, or determined to be eligible for listing, in the national or state register of historical resources, or listed in a local register of historic resources; or 2) determined by the lead agency as a tribal cultural resource, then the provisions of Mitigation Measures TCR-1a and TCR-1b shall control.

Significance After Mitigation

By implementing Mitigation Measures CUL-2a and CUL-2b in tandem with TCR-1a, TCR-1b, and TCR-1c, the City would require steps to protect or treat significant archaeological resources if encountered during construction. CUL-2a allows for the review of ground disturbance by a qualified archaeologist, thereby creating a greater opportunity to stop work and prevent disturbance or destruction of an unanticipated archaeological resource. CUL-2b outlines the procedures in the event of an unanticipated discovery of an archaeological resource, thereby preventing confusion or delay in the treatment of that resource. Therefore, CUL-2a and CUL-2b, in tandem with TCR-1a through TCR-1c, which require steps to protect and treat tribal cultural resources, result in a less than significant impact.

Threshold 3:	Would the project disturb any human remains, including those interred outside of formal cemeteries?

Impact CUL-3 GRADING AND EXCAVATION REQUIRED FOR THE PROPOSED PROJECT WOULD HAVE THE POTENTIAL TO UNEARTH AND DISTURB PREVIOUSLY UNIDENTIFIED OR UNKNOWN HUMAN REMAINS. IMPACTS WOULD BE LESS THAN SIGNIFICANT WITH MANDATORY ADHERENCE TO EXISTING REGULATIONS PERTAINING TO DISCOVERY OF HUMAN REMAINS.

The Sacred Lands File search for the project was returned with positive results for the presence of Native American sacred lands and the NWIC records search identified one previously recorded

Native American archaeological resource within the project site that has the potential to contain human remains. Additionally, there is always potential for previously unrecorded or unidentified human remains to exist below ground surface. Construction of the project would require grading and excavation. Grading and excavation activities would have the potential to unearth and disturb previously unidentified human remains, if present.

Human burials have specific provisions for treatment in California Health and Safety Code Sections 7050.5, 7051, and 7054. Existing regulations address the illegality of interfering with human burial remains and protects them from disturbance, vandalism, or destruction. PRC Section 5097.98 also addresses the disposition of Native American burials, protects such remains, and establishes the NAHC as the entity to resolve any related disputes.

If human remains are found, the State of California Health and Safety Code Section 7050.5 states no further disturbance shall occur until the County Coroner has made a determination of origin and disposition pursuant to Public Resources Code Section 5097.98. In the event of an unanticipated discovery of human remains, the County Coroner must be notified immediately. If the human remains are determined to be prehistoric, the Coroner would notify the NAHC, which would determine and notify a most likely descendant. The most likely descendant has 48 hours from being granted site access to make recommendations to the land owner for the disposition of the remains. If the most likely descendant does not make recommendations within 48 hours, the landowner shall reinter the remains in an area of the property secure from subsequent disturbance. This impact would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant without mitigation because existing laws with which the project must comply outline the procedures in the event of the unanticipated discovery of human remains, thereby preventing confusion or delay in the treatment of those human remains.

4.3.4 Cumulative Impacts

The geographic scope for cumulative cultural resource impacts includes areas in the vicinity of the project area, including adjacent City land, unincorporated County land, and adjacent incorporated cities. This geographic scope is appropriate for cultural resources because such resources are regionally specific. Cumulative buildout in this region, including projects listed in Table 3-1 in Section 3, *Environmental Setting*, would have the potential to adversely impact cultural resources. Cumulative development within the vicinity of the project site would continue to disturb areas with the potential to contain historical resources, archaeological resources, and human remains.. For other developments that would have significant impacts on cultural resources, similar conditions and mitigation measures described herein would be imposed on those other developments consistent with the requirements of CEQA, along with requirements to comply with all applicable laws and regulations governing said resources.

Future cumulative projects could result in impacts to previously unknown historical resources. Such impacts would be addressed on a case-by-case basis, and appropriate mitigation measures developed; however, cumulative impacts to historic resources is conservatively considered to be significant. Because of the lack of known historical resources on the project site or in the immediate

vicinity, the project would not make a cumulatively considerable contribution to significant cumulative historic resource impacts.

Cumulative development could impact known or unknown archaeological resources, and archaeological resources that may be considered historical resources. This would be a potentially significant cumulative impact. Cumulative projects would undergo project-specific environmental review when it is determined that the potential for significant impacts exists. If future cumulative projects would result in impacts to known or unknown archaeological resources, impacts to such resources would be addressed on a case-by-case basis and would likely be subject to mitigation measures similar to those imposed for the proposed project. As such, cumulative impacts would be less than significant with mitigation. A described under Impacts CUL-2, Mitigation Measures CUL-2a, CUL-2b, TCR-1a, TCR-1b, and TCR-1c, as described in Section 4.9, *Tribal Cultural Resources*, would ensure that project-level impacts to unknown archaeological resources are adequately mitigated. After implementation of these proposed mitigation measures, the project would not have a considerable contribution to cumulative archaeological resources impacts.

Cumulative projects that involve ground-disturbing activities could encounter human remains. If human remains are found, the cumulative projects would be required to comply the State of California Health and Safety Code Section 7050.5, as described for the proposed project under Impact CUL-3, above. With adherence to existing regulations relating to human remains, cumulative impacts would be less than significant and the proposed project would not make a cumulatively considerable contribution to significant cumulative human remains impacts.

4.4 Geology and Soils

This section addresses the proposed project's potential impacts related to geology and soils. Specifically, this analysis addresses impacts related to risks from earthquakes, fault ruptures, seismicity, landslides, and soil erosion. This section also addresses potential impacts to paleontological resources.

The City of Novato requires that a geotechnical report be submitted with the grading permit application when required grading is equal to or exceeds 100 cubic yards. A Geotechnical Study was prepared for the proposed project by Kleinfelder in April 2020, which is included as Appendix I.

4.4.1 Setting

a. Topography and Soils

The project site encompasses approximately 1.15 acres within an existing parking lot, southwest of the existing Costco building in the Vintage Oaks Shopping Center. The project site is generally flat with an elevation of approximately 10 feet above sea level. The parking lot is entirely underlain by a well-drained fill material with a high content of gravel and cobbles from mixed rock sources (Natural Resources Conservation Service 2023). Below the fill soil (three to four feet in depth), subsurface explorations determined the project site is also underlain by alluvial deposits, Bay Mud, and siltstone bedrock at depths of seven to 40 feet. The alluvial deposits consist of interbedded layers of medium to very stiff sandy clays and dense clayey sands. Bay Mud, which consists of thick deposits of soft, saturated silty clay, was encountered at depths of 17.5 to 25 feet below ground surface. Beneath the Bay Mud, a stiff, elastic layer of silt was encountered above the siltstone bedrock, which was encountered at a depth of approximately 30 feet below ground surface. In the area where underground storage tanks (UST) would be located, bedrock was encountered at five to seven feet below ground surface. Groundwater was encountered at three to five feet below ground surface, and is anticipated to occur at approximately 10 feet below ground surface across the project site (Appendix I).

b. Seismicity and Seismic-Related Hazards

The site is located in the greater San Francisco Bay Area, which is considered one of the most seismically active regions in the United States. The project site is within an area characterized by moderate to high seismic activity due to the proximity of several known fault lines. The project site is located approximately 1.7 miles northeast of the Burdell Mountain Fault; 7 miles southwest of the Rodgers Creek Fault; 11 miles northwest of the Hayward Fault; 14 miles east of the San Andreas Fault; and 14 miles west of the West Napa Fault. The project site is not located within an Alquist-Priolo Earthquake Fault Zone (California Geological Survey [CGS] 2023; United States Geological Survey 2019).

Due to the proximity of these active faults, seismic ground shaking is a possibility at the project site. Fault displacement can generate seismic ground-shaking, which is the greatest cause of widespread damage in an earthquake. Whereas surface rupture affects a narrow area above an active fault, ground-shaking covers a wide area and is greatly influenced by the distance of the site to the seismic source, soil conditions, and depth to groundwater.

c. Soil Hazards

Liquefaction occurs when water-saturated soils lose structural integrity due to seismic activity. Soils that are most susceptible to liquefaction are loose to moderately dense, saturated granular soils with poor drainage. Lateral spreading occurs when foundational support is lost due to vertical or horizontal settling of these soils. Because the subsurface explorations did not encounter saturated, granular soils with poor drainage, the potential for liquefaction or lateral spreading at the project site is low (Appendix I).

Expansive soils tend to swell with increases in soil moisture and shrink as the soil moisture decreases. For example, expansive soils could swell during and hours after a precipitation event but then shrink in the following weeks if no additional precipitation occurs. Shrinking and swelling of soils can cause damage to building foundations, roads and other structures. Due to the saturated, silty to clayey soils that underlie the project site, soil expansion could occur within the project site (Appendix I).

d. Paleontological Resources

Paleontological resources, or fossils, are the evidence of once-living organisms preserved in the rock record. They include both the fossilized remains of ancient plants and animals and the traces thereof (e.g., trackways, imprints, burrows, etc.). Paleontological resources occur within bedrock geologic deposits that underly the soil layer and are almost exclusively preserved in sedimentary rocks; however, in rare cases, fossils can also be preserved in volcanic rocks and low-grade metamorphic rocks under certain conditions. The Society of Vertebrate Paleontology (SVP; SVP 2010) has defined fossils as being remains or traces of plants and animals that are greater than 5,000 years old (i.e., older than middle Holocene in age). Fossils occur in a non-continuous and often unpredictable distribution within some sedimentary units, and the potential for fossils to occur within sedimentary units depends on several factors.

The project site is located in the Coast Ranges geomorphic province, one of the eleven geomorphic provinces of California (CGS 2002). The Coast Ranges extend along the majority of California's coast from the California-Oregon border to Point Arguello in Santa Barbara County in the south and consist of northwest-trending mountain ranges and valleys. The Coast Ranges are composed of Mesozoic and Cenozoic sedimentary, igneous, and metamorphic strata. The eastern side is characterized by strike-ridges and valleys in the Upper Mesozoic strata. The Coast Ranges province runs parallel to and overlaps the San Andreas Fault in some areas (CGS 2002).

The paleontological sensitivity of the geologic units that underlie the project site were evaluated to assess the project's potential for significant impacts to scientifically important paleontological resources. Paleontological sensitivity refers to the potential for a geologic unit to produce scientifically significant fossils. Direct impacts to paleontological resources occur when earthwork activities, such as grading or trenching, cut into the geologic deposits within which fossils are buried and physically destroy the fossils. Sensitivity is determined by rock type, history of the geologic unit in producing significant fossils, and fossil localities recorded from that unit. Paleontological sensitivity is derived from the known fossil data collected from the entire geologic unit, not just from a specific survey.

In the absence of other sensitivity criteria required by certain federal, state, or local regulatory agencies, the paleontological sensitivity scale explained in the SVP's *Standard Procedures for the Assessment and Mitigation of Adverse Impacts to Paleontological Resources* is generally used (SVP 2010). According to this system, geologic units can be assigned a high, low, undetermined, or no

potential for containing scientifically significant nonrenewable paleontological resources. Following the literature review, a paleontological sensitivity classification was assigned to each geologic unit mapped within the project site. This criterion is based on rock units within which vertebrate or significant invertebrate fossils have been determined by previous studies to be present or likely to be present. The potential for impacts to significant paleontological resources is based on the potential for ground disturbance to directly impact paleontologically sensitive geologic units.

According to published geologic mapping, the project region is underlain by sandstone and shale of the Franciscan Complex (Blake et al. 2000; Wagner and Gutierrez 2017). The project's geotechnical investigation conducted several test borings and found four additional types of sediment within the project site: artificial fill, two distinct layers of alluvium, and Bay Mud (Appendix I). The geotechnical investigation, due to its much more focused scope, is a more reliable source of information than the geologic maps of Blake et al. (2000) and Wagner and Gutierrez (2017), so its description of the subsurface conditions within the project site will be relied upon for this analysis. Blake et al. (2000) and Wagner and Gutierrez (2017) will still be consulted to understand the regional-scale geology.

Artificial fill was found from the surface to 3 to 5 feet deep throughout the project site (Appendix I). Artificial fill represents sediments deposited by humans to raise the elevation of a site. Given that it represents unnaturally deposited sediments, artificial fill has no paleontological sensitivity.

Two distinct layers of unnamed alluvium occur below the surface in the project site (O). The upper layer of alluvium directly underlies the artificial fill layer and extends down to 5 to 7.5 feet below the surface in the western part of the project site and down to 17.5 feet below the surface in the eastern part of the project site. This upper layer consists of sandy clay and clayey sand and is likely late Holocene in age, due to its stratigraphic position overlying Bay Mud (see below). Late Holocene sediments are generally considered too young (i.e., less than 5,000 years old) to preserve paleontological resources. Therefore, the upper layer of alluvium has low paleontological sensitivity. Conversely, the lower layer of alluvium only occurs in the eastern part of the project site (i.e., canopy fueling area) from 26 to 30 feet below the surface (Appendix I). This lower layer of alluvium is found below the maximum depth of excavation for this project, so it will not be assessed here.

Bay Mud occurs below the surface in the eastern part of the project site (i.e., canopy fueling area) between 17.5 and 26 feet below the surface (Appendix I) and is mapped at the surface just west of the project site. Bay Mud consists of Holocene-aged dark-colored, plastic clay (Wagner and Gutierrez 2017). Holocene sediments are generally considered too young (i.e., less than 5,000 years old) to preserve paleontological resources. Therefore, Bay Mud has low paleontological sensitivity.

Sandstone and shale of the Franciscan Complex is mapped at the surface by Blake et al. (2000) and Wagner and Gutierrez (2017), but the geotechnical investigation discovered that it lay below the various layers described above. This layer of bedrock was found at depths ranging from 5 to 7.5 feet below the surface in the western part of the project site (i.e., UST area) down to 30 feet below the surface in the eastern part of the project site (i.e., canopy fueling area). Sandstone and shale of the Franciscan Complex consists primarily of thick-bedded sandstone with shale and conglomerate interbeds and is Late Jurassic to Cretaceous in age. The geotechnical report stated that the bedrock underlying the project site consisted of siltstone (Appendix I). Fossils are known from siltstone beds of the Franciscan Complex, but these fossils are rare and generally consist of common invertebrates (e.g., bivalves and gastropods), although vertebrates (marine reptiles, sharks, fish) are also known (Paleobiology Database 2023; University of California Museum of Paleontology 2023). Due to the scarcity of significant paleontological resources from sandstone and shale of the Franciscan Complex, this geologic unit has low paleontological sensitivity.

4.4.2 Regulatory Setting

a. Federal

Clean Water Act

Congress enacted the Clean Water Act (CWA), formerly the Federal Water Pollution Control Act of 1972, with the intent of restoring and maintaining the chemical, physical, and biological integrity of the waters of the United States. The CWA requires states to set standards to protect, maintain, and restore water quality through the regulation of discharges to surface water. Those discharges are regulated by the National Pollutant Discharge Elimination System (NPDES) permit process (CWA Section 402). NPDES permitting authority is administered by the California State Water Resources Control Board (SWRCB) and its nine Regional Water Quality Control Boards (RWQCB). Marin County encompasses watersheds that are administered by the North Coast RWQCB. Individual projects within the County that disturb more than one acre would be required to obtain NPDES coverage under the California General Permit for Stormwater Discharges Associated with Construction and Land Disturbance Activities (Construction General Permit).

The Construction General Permit requires the development and implementation of a Stormwater Pollution Prevention Plan (SWPPP), which must include Best Management Practices (BMP) the discharger would use to prevent and retain stormwater runoff and to prevent soil erosion. The SWPPP should contain a site map(s) which shows the construction site perimeter, existing and proposed buildings, lots, roadways, stormwater collection and discharge points, general topography both before and after construction, and drainage patterns across the project site. The SWPPP must list BMPs the discharger would use to protect stormwater runoff and the placement of those BMPs. The SWPPP must contain a visual monitoring program, and a chemical monitoring program for "non-visible" pollutants to be implemented if there is a failure of BMPs. Section A of the Construction General Permit describes the elements that must be contained in a SWPPP.

b. State

Alquist-Priolo Earthquake Fault Zoning Act

The Alquist-Priolo Earthquake Fault Zoning Act of 1972 (A-P Act) was passed into law following the destructive February 9, 1971, magnitude 6.6 San Fernando earthquake. The A-P Act provides a mechanism for reducing losses from surface fault rupture on a statewide basis. The intent of the A-P Act is to ensure public safety by prohibiting the siting of most structures for human occupancy across traces of active faults that constitute a potential hazard to structures from surface faulting or fault creep. The A-P Act groups faults into categories of active, potentially active, and inactive. Historic and Holocene age faults are considered active, Late Quaternary and Quaternary age faults are considered potentially active, and pre-Quaternary age faults are considered inactive.

California Building Code

The California Building Code (CBC), Title 24, Part 2 provides building codes and standards for the design and construction of structures in California. The CBC requires, among other things, seismically-resistant construction and foundation and soil investigations prior to construction. The CBC also establishes grading requirements that apply to excavation and fill activities, and requires the implementation of erosion control measures. California's building codes are updated in their entirety every three years. The 2022 California Building Standards Code, California Code of

Regulations, and Title 24 were approved and adopted by the California Building Standards Commission in December 2021. The 2022 CBC is based on the 2021 International Building Code with the addition of more extensive structural seismic provisions. Chapter 16 of the CBC contains definitions of seismic sources and the procedure used to calculate seismic forces on structures.

The purpose of the CBC is to establish minimum standards to safeguard the public health, safety, and general welfare through structural strength, means of egress, and general stability by regulating and controlling the design, construction, quality of materials, use and occupancy, location, and maintenance of all building and structures within its jurisdiction. In addition, the CBC contains necessary California amendments, which are based on the American Society of Civil Engineers (ASCE) Minimum Design Standards 7-05. ASCE 7-05 provides requirements for general structural design and includes means for determining earthquake loads as well as other loads (flood, wind, etc.) for inclusion into building codes. The provisions of the CBC apply to the construction, alteration, movement, replacement, and demolition of every building or structure, or any appurtenances connected or attached to such buildings or structures throughout California.

The earthquake design requirements of the CBC consider the occupancy category of the structure, site class, soil classifications, and various seismic coefficients, which are used to determine a Seismic Design Category (SDC) for a project. The SDC is a classification system that combines the occupancy categories with the level of expected ground motions at the site and ranges from SDC A (very small seismic vulnerability) to SDC E/F (very high seismic vulnerability and near a major fault). Design specifications are then determined according to the SDC. Part 2, Volume 2, Chapter 18, Soils and Foundations, of the CBC outlines the minimum standards for structural design and construction. This includes geotechnical evaluations, which among other requirements, includes a record of the soil profile, regulation of active faults in the area, recommendations for foundation type and design criteria that address issues, as applicable, such as (but not limited to) bearing capacity of soils, provisions to address expansive soils, settlement, and varying soil strength. If a building department or other appropriate enforcement agency, determines that recommended action(s) presented in the geotechnical evaluations are likely to prevent structural damage, the approved recommended action(s) must be made a condition to the building permit (Section 1803.1.1.3 of Chapter 18).

The CBC provides standards for various aspects of construction, including but not limited to excavation, grading, and earthwork construction, preparation of the site prior to fill placement, specification of fill materials and fill compaction and field testing, retaining wall design and construction, foundation design and construction, and seismic requirements. It includes provisions to address issues such as (but not limited to) construction on expansive soils and soil strength loss. The California Code of Regulations requires that project design and construction comply with provisions of the CBC.

California Fire Code

The California Fire Code (CFC) is a comprehensive set of fire safety regulations that govern fire prevention and fire protection measures within California. The CFC is based on the International Fire Code and was last updated in January 2023. The City of Novato adopted the CFC into the Novato Municipal Code by reference through Ordinance 2022-1. The CFC contains requirements for the design of fuel-dispensing facilities, including standards for the siting of fuel dispensers, protecting the dispensers at grade with concrete fill and footings, control of sources of ignition and spills, and installing emergency disconnect switches that shall stop the transfer of fuel from the storage tank to the fuel dispensers in the event of a spill or emergency.

Seismic Hazards Mapping Act

The Seismic Hazards Mapping Act addresses geo-seismic hazards, other than surface faulting, and applies to public buildings and most private buildings intended for human occupancy. The Seismic Hazards Mapping Act identifies and maps seismic hazard zones to assist cities and counties in preparing the safety elements of their general plans and encourages land use management policies and regulations that reduce seismic hazards. The Seismic Hazards Mapping Act mandated the preparation of maps delineating "Liquefaction and Earthquake-Induced Landslide Zones of Required Investigation."

California Public Resources Code

Section 5097.5 of the California Public Resource Code (PRC) states "no person shall knowingly and willfully excavate upon, or remove, destroy, injure or deface" any "vertebrate paleontological site" on public lands without the "permission of the public agency having jurisdiction over such lands." Violation of this section is a misdemeanor.

As used in this PRC section, "public lands" means lands owned by or under the jurisdiction of the State or any city, county, district, authority, or public corporation, or any agency thereof. Consequently, public agencies are required to comply with PRC Section 5097.5 for their own activities, including construction and maintenance, as well as for permit actions (e.g., encroachment permits) undertaken by others.

California Code of Regulations

California Code of Regulations Title 8, Article 144, *Service Stations,* outlines requirements for the storage, transfer, and dispensing of fuel at fuel stations in California. Sections 5566, 5567, and 5569 outline design and safety requirements for the storage, enclosure, and transfer of fuel within storage tanks and pipes, and Section 5571 requires dispensers to be located away from fixed sources of ignition. Other sections of Title 8, Article 144 outline other fuel dispensing requirements in accordance with the CFC.

c. Local Regulations

City of Novato 2035 General Plan

Chapter 6, A City That Works, of the Novato 2035 General Plan provide the following policies pertaining to geology and soils that are relevant to this analysis.

- **SH 1: Seismic** and **Geologic Hazards.** Reduce the risk of loss of life, personal injury and property damage resulting from seismic and geologic hazards including ground shaking, land sliding, liquefaction and slope failure.
  - *SH 1a: Geotechnical Evaluation.* Require preparation of a report by an engineering geologist or geotechnical engineer for new construction and grading as required by City code on sites in seismically and geologically hazardous areas and for all critical (high occupancy, health or emergency response) structures. These reports should include, but not be limited to: evaluation and recommendations to mitigate the effects of ground shaking, landslides, surficial debris flows, expansive soils, subsidence and settlement, fault displacement, and Bay mud areas. Implement the recommendations of geotechnical reports through the planning, grading and building permit processes.

- *SH 1b: Slope and Soil Instability.* Enforce existing regulations and procedures to identify and avoid or mitigate potential hazards relating to geologic and soil conditions. Require repair, stabilization, or avoidance of landslides, or areas of soil creep or possible debris flow, as a condition of project approval. Require financial protection for public agencies and individuals as a condition of development approval where geological conditions indicate a potential for high maintenance costs.

City of Novato Municipal Code

The City of Novato Municipal Code (NMC) contains several regulations and standards implementing the 2035 General Plan policies identified above that address geology and soils. Plans for the project shall be reviewed for consistency with the following NMC sections.

Chapter 5-2 Grading

This chapter regulates excavation, grading, drainage and erosion control measures and activities. The purpose of these regulations is to retain and enhance the natural physical characteristics of the community while also recognizing growth as projected by the General Plan. This chapter specifies limits for cut and fill slopes, subsurface drainage, erosion and dust control, and construction activities to minimize impacts to the environment and the community. All proposed developments are required to submit an erosion control plan and drainage plan prior to issuance of a grading permit.

Chapter 4-1 Building Regulations Ordinance

This chapter adopts, with modifications pertaining to local conditions, the provisions of the CBC. As stated above, the CBC requires, among other things, seismically resistant construction and foundation and soil investigations prior to construction. The CBC also establishes grading requirements that apply to excavation and fill activities and requires the implementation of erosion control measures. The City is responsible for enforcing the CBC in the case of the project. All proposed developments are required to prepare construction detail plans demonstrating compliance with the CBC. These plans are subject to City review prior to issuance of a building permit. Additionally, the City performs inspections to confirm a project is being constructed in a manner consistent with its approved construction plans.

4.4.3 Impact Analysis

a. Methodology and Significance Thresholds

Based on the environmental checklist included in Appendix G of the *CEQA Guidelines*, impacts would be considered potentially significant if the proposed project would:

1. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:
   i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault,
   ii. Strong seismic ground shaking,
   iii. Seismic-related ground failure, including liquefaction, and
   iv. Landslides;

2. Result in substantial soil erosion or the loss of topsoil;
3. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse;
4. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property;
5. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater; and/or
6. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature.

b. Project Impacts and Mitigation Measures

Threshold 1.i: Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?

Impact GEO-1 THE PROJECT SITE IS NOT UNDERLAIN BY A KNOWN EARTHQUAKE FAULT. THE PROJECT SITE WOULD NOT BE SUBJECT TO RUPTURE OF A KNOWN EARTHQUAKE FAULT, AND THERE WOULD BE NO IMPACT.

As described above in Section 4.4.1, *Setting*, the project site is proximate to several faults but is not underlain by a known earthquake fault. Therefore, the project would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, and there would be no impact.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

There would be no impact.

Threshold 1.ii: Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking?

Impact GEO-2 THE PROJECT SITE WOULD BE SUBJECT TO SEISMIC GROUND SHAKING AND THE PROJECT WOULD BE REQUIRED TO COMPLY WITH THE CBC. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

As described above in Section 4.4.1, *Setting*, the project site is proximate to several faults, including the Burdell Mountain Fault, the Rodgers Creek Fault, the Hayward Fault, the San Andreas Fault, and the West Napa Fault. Because the project site is within a seismically-active region, the project site and proposed fuel facility could be subject to seismic ground shaking. Ground shaking refers to movement of the Earth's surface during a seismic event, and is normally the major cause of structural damage in earthquakes.

The fuel facility, including the controller structure, fuel canopy, fuel dispensers, and USTs, would be required to comply with the requirements of the CBC. The underground fuel storage tanks are

proposed to be designed to withstand ground movement, including being secured in place with anchoring straps (tie-downs) connected to concrete hold downs (deadmen), backfilled with pea gravel, and capped with an 8-inch thick reinforced concrete slab (please refer to Appendix B). Further, the tank systems will feature flexible pipe joints and flexible fiberglass double walled tank construction, which would minimize breakage and leaks in the event of seismic ground shaking. The tank system also includes leak detection equipment to immediately identify any fuel escaping from a tank(s), which is considered a low probability given the redundancies built into the system. The fuel dispenser system is designed with break-away connections that include cut-off valves immediately stopping the flow of fuel through the dispenser if it is knocked off its anchoring or a hose is pulled from a unit (please refer to Appendix B). These features are mandated by federal and state design and construction standards for fuel facilities, including but not limited to the California Fire Code and the California Code of Regulations, as discussed above in Section 4.4.2, *Regulatory Setting*. The project would also be subject to associated permits and inspections during construction to determine compliance with such standards, including inspections performed by the Novato Fire Protection District; the United States Environmental Protection Agency; and the Marin County Department of Agriculture, Weights, and Measures; and permits issued by the California Department of Industrial Relations, Marin County Certified Unified Program Agency, and the Bay Area Air Quality Management District. Therefore, the project would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking, and impacts would be less than significant.

The City will review construction details plans prepared for the project to ensure compliance with the uniform standards and project features noted above. This review will occur prior to the issuance of a grading and/or building permit to construct the project. Thereafter, the City will perform inspections to confirm compliance with the construction plans approved for the project.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 1.iii: Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction?

Impact GEO-3 THE PROJECT SITE HAS LOW POTENTIAL FOR LIQUEFACTION AND PROJECT COMPONENTS WOULD BE CONSTRUCTED IN COMPLIANCE WITH THE CBC. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

As described above in Section 4.4.1, *Setting*, the potential for liquefaction at the project site is low (Appendix I). Additionally, the fuel canopy would be designed as required by the CBC. Sections 1804 through 1812 of the CBC contain information for the design and verification of adequate soils and foundation support for individual elements of the project. Section 1802 of the CBC requires the use of this information in the seismic analyses prepared for the site-specific investigations that must be prepared in connection with the permits for individual elements of the project. Furthermore, the Geotechnical Study (Appendix I) recommends standard construction techniques to ensure liquefaction does not pose a risk to project components, including the USTs. Recommended construction techniques include but are not limited to:

- Ensuring the relative compaction and moisture content of fill soils are within specified tolerances;
- Scarifying, moisture conditioning, and compacting exposed subgrades to a depth of six to eight inches to minimize soft and yielding material;
- Compacting on-site clayey soils;
- Extending soldier piles below the maximum depth of excavation to provide lateral resistance; and
- Moisture conditioning, recompacting, and over-excavating subgrade soils prior to casting exterior flatwork.

Compliance with these recommendations would minimize the risk of liquefaction by reducing the moisture content and increasing the density of soils that underlay the project site. Therefore, the project would not increase the risk of loss, injury, or death due to liquefaction, and impacts would be less than significant.

The City will review construction details plans prepared for the project to ensure compliance with the uniform standards, project features, and geotechnical recommendations noted above. This review will occur prior to the issuance of a grading and/or building permit to construct the project. Thereafter, the City will perform inspections to confirm compliance with the construction plans approved for the project.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 1.iv: Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving landslides?

Impact GEO-4 THE PROJECT SITE IS FLAT AND NOT WITHIN A LANDSLIDE HAZARD ZONE. THERE WOULD BE NO IMPACT.

The project site is relatively flat and is not located in an identified landslide hazard zone (City of Novato 2020; CGS 2021). Therefore, the project would not expose people or structures to risk of loss, injury, or death involving landslides, and there would be no impact.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

There would be no impact.

Threshold 2:	Would the project result in substantial soil erosion or the loss of topsoil?

Impact GEO-5 CONSTRUCTION OF THE PROPOSED PROJECT COULD RESULT IN SOIL EROSION OR LOSS OF TOPSOIL. THE PROJECT WOULD BE REQUIRED TO COMPLY WITH EXISTING REGULATIONS. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Construction of the project would require grading and excavation, which would involve removal of the existing parking lot, installation of the USTs, and filling excavated areas with soil. Grading and excavation activities would temporarily expose bare soils, which could be removed from the site and transported through wind shearing or stormwater runoff. Construction would disturb more than one acre of land, which mandates implementation of a NPDES-compliant SWPPP, as discussed under Section 4.4.2, *Regulatory Setting*, above. The SWPPP includes BMPs to reduce soil erosion and sedimentation. BMPs include but are not limited to the development of inspection and maintenance procedures for stormwater control, containment of leaks and spills of pollutants in storage areas on-site, prevention of sediment flow into storm drains, and watering of exposed soil to reduce erosion. Additionally, the project would require a grading permit pursuant to Chapter 5-23 of Novato Municipal Code, and the project applicant would be required to prepare an erosion control plan pursuant to Novato Municipal Code Section 19.36.070. With mandatory implementation of the SWPPP and erosion control measures, the proposed project would not result in substantial soil erosion or the loss of topsoil. Impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 3:	Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

Impact GEO-6 THE PROJECT IS NOT LOCATED ON A GEOLOGIC UNIT OR SOIL THAT IS UNSTABLE, OR THAT WOULD BECOME UNSTABLE AS A RESULT OF THE PROJECT, AND WOULD NOT RESULT IN ON- OR OFF-SITE LANDSLIDE, LATERAL SPREADING, SUBSIDENCE, LIQUEFACTION, OR COLLAPSE. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

As discussed under Impacts GEO-3 and GEO-4, the project would not result in impacts related to landslide or liquefaction. As discussed in Section 4.4.1, *Setting,* the potential for lateral spreading at the project site is low (Appendix I). In addition, the project would implement construction recommendations to further minimize this risk, as summarized under Impact GEO-3 and discussed fully in the Geotechnical Study (Appendix I). Therefore, the project would not result in on- or off-site lateral spreading, and impacts would be less than significant.

Subsidence occurs when large amounts of groundwater are withdrawn from fine-grained sediments, which results in compaction of the soil and collapse of the ground surface. While dewatering may occur during project construction, the project would not involve withdrawing a substantial amount of groundwater from the project site. Additionally, the project would implement construction recommendations, including but not limited to moisture conditioning and compacting exposed subgrades; compacting clayey soils; and moisture conditioning, recompacting, and over-excavating

subgrade soils prior to casting exterior flatwork to minimize the potential for soil settling and compaction once construction is complete. The project would also be required to comply with soil fill and compaction standards of the CBC. Therefore, the project would not result in on- or off-site lateral spreading or collapse and impacts would be less than significant.

Overall, the project would not be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and would not result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse. Impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 4:	Would the project be located on expansive soil, as defined in Table 1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Impact GEO-7 THE PROJECT SITE IS UNDERLAIN BY POTENTIALLY EXPANSIVE SOILS. THE PROJECT WOULD INCORPORATE SEISMIC AND SOIL STABILITY MEASURES INCLUDED IN THE GEOTECHNICAL STUDY. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

As described in Section 4.4.1, *Setting,* the project site is underlain by saturated, silty to clayey soils that underlie the project site that could be subject to expansion. Compliance with the CBC would reduce the risk to life and property involving expansive soil. As described under Impact GEO-3, the project would incorporate seismic and soil stability measures included in the Geotechnical Study (Appendix I) pursuant to the CBC and NMC requirements. Incorporation of these recommendations would ensure that impacts related to expansive soils would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 5:	Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

Impact GEO-8 THE PROJECT WOULD NOT INVOLVE CONSTRUCTION OR OPERATION OF SEPTIC TANKS OR ALTERNATIVE WASTEWATER DISPOSAL SYSTEMS. THERE WOULD BE NO IMPACT.

The project involves construction and operation of a fuel facility, and would not involve the installation or operation of septic tanks or alternative wastewater disposal systems. There would be no impact.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

There would be no impact.

Threshold 6:	Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Impact GEO-9 GROUND-DISTURBING ACTIVITIES FOR THE PROJECT HAVE THE POTENTIAL TO SIGNIFICANTLY IMPACT PALEONTOLOGICAL RESOURCES. IMPACTS WOULD BE LESS THAN SIGNIFICANT WITH MITIGATION.

Significant impacts to paleontological resources include the destruction, damage, or loss of scientifically important paleontological resources or associated stratigraphic data. Ground-disturbing activities (i.e., grading, excavating, trenching) in undisturbed sediments or geologic units with high paleontological sensitivity have the potential to significantly impact paleontological resources under CEQA. Project excavations have the potential to impact four distinct geologic units (artificial fill, upper layer of alluvium, Bay Mud, and sandstone and shale of the Franciscan Complex; Blake et al. 2000; Wagner and Gutierrez 2017; Appendix I), none of which have high paleontological sensitivity.

Ground-disturbing activities for this project will include site grading and excavations for canopy footings, pipelines, stormwater drainage, and USTs. Of these excavations, those for the USTs would be deepest, reaching up to 16 feet below the surface, meaning artificial fill, upper layer of alluvium, and sandstone and shale of the Franciscan Complex would be impacted. Although these geologic units are assigned no (artificial fill) or low (upper layer of alluvium, sandstone and shale of the Franciscan Complex) paleontological sensitivity, excavations in the low-sensitivity geologic units do still have a small chance to significantly impact paleontological resources. Therefore, this impact is potentially significant and Mitigation measure GEO-9 is required.

Mitigation Measures

GEO-9 Unanticipated Discovery of Paleontological Resources

Paleontological Worker Environmental Awareness Program. Prior to the start of construction, a Qualified Professional Paleontologist (as defined by Society of Vertebrate Paleontology [2010]) or their designee shall conduct a paleontological Worker Environmental Awareness Program training for construction personnel regarding the appearance of fossils and the procedures for notifying paleontological staff should fossils be discovered by construction staff.

Unanticipated Discovery of Paleontological Resources. In the event a fossil is discovered during construction of the project, excavations within 50 feet of the find shall be temporarily halted or delayed until the discovery is examined by a Qualified Professional Paleontologist. The project applicant shall include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. If the find is determined to be significant, the applicant shall retain a Qualified Professional Paleontologist to direct all mitigation measures related to paleontological resources. The Qualified Professional Paleontologist shall design and carry out a data recovery plan consistent with the Society of Vertebrate Paleontology (2010) standards.

Significance After Mitigation

Mitigation Measure GEO-9 would ensure that unanticipated paleontological resources are identified and treated such that adverse impacts to such resources do not occur. Impacts would be less than significant with implementation of Mitigation Measure GEO-9.

4.4.4 Cumulative Impacts

The geographic scope for considering cumulative impacts to geology and soils is the project site and the immediately adjacent areas. This scope is appropriate because geological materials and soils occur at specific locales and are generally affected by activities directly on or immediately adjacent to the soils, and not by activities occurring outside the area. In addition, any geologic impacts of the project would be site-specific. Of the cumulative projects listed in Table 3-1 in Chapter 3, *Environmental Setting,* the Hanna Ranch Mixed Use project would occur adjacent to the project site.

Cumulative projects in the area would increase the population of the region, as well as the number of structures and supporting infrastructure in the region. Such development would expose new residents and property to seismic and other geologic hazards. However, these seismic and soil issues are specific to each project and therefore, for purposes of this cumulative analysis, the geographic context is narrower as well. It is expected that because of the site-specific nature of these issues, each cumulative development would be required to address the issues on a case-by-case basis through preparation of required soils and geotechnical engineering studies and adherence to the recommendations therein, in addition to adherence to existing local and state laws and regulations including, among others, applicable CBC standards and requirements. Therefore, cumulative geology and soils impacts would be less than significant. With the implementation of the identified mitigation for the project as well as its adherence to the applicable laws and regulations, the project would not make a cumulatively considerable contribution to any significant cumulative geology and soils impacts, including those associated with paleontological resources.

4.5 Energy and Greenhouse Gas Emissions

This section analyzes the potential impacts of the project related to greenhouse gas (GHG) emissions, climate change, and energy. The physical environmental impacts associated with the consumption of electricity and burning of fuels have also been accounted for in Section 4.1, *Air Quality*.

4.5.1 Setting

a. Energy

Energy relates directly to environmental quality. Energy use, when sourced from fossil fuels, can adversely affect air quality, and generate GHG emissions that contribute to climate change. Fossil fuels are burned to create electricity to power residences and commercial/industrial buildings, heat and cool buildings, and power vehicles. Transportation energy use is related to the fuel efficiency of cars, trucks, and public transportation; choice of different travel modes such as auto, carpool, and public transit; and miles traveled by these modes. Construction and routine operation and maintenance of transportation infrastructure also consume energy.

Energy Fundamentals

Energy is generally consumed either in the form of electricity, measured in kilowatts or megawatts; natural gas, measured in British thermal units (Btu) or cubic feet; and petroleum fuels, such as gasoline or diesel, measured in gallons or liters. Electricity is used primarily for lighting, appliances, and other uses associated with building and vehicle operations. Electricity sources range from renewable (hydroelectric, solar, wind, geothermal, biomass) to nonrenewable (natural gas, oil, nuclear, coal). Natural gas is used primarily for heating, water heating, and cooking purposes and is typically associated with building operations. Petroleum fuels are used primarily for powering off-road equipment and vehicles (commercial trucks and other vehicles).

Energy Supply

Electricity

Electricity is distributed through the various electric load-serving entities in California. These entities include investor-owned utilities, publicly-owned load-serving entities, rural electric cooperatives, community choice aggregators, and electric service providers (California Energy Commission [CEC] 2023a).

According to the CEC, California generated approximately 194,127 gigawatt-hours (GWh) of electricity in-state in 2021. Approximately 40 percent of this electricity was sourced from natural gas, 34 percent from renewable sources (i.e., solar, wind, geothermal, biomass, small hydroelectric), 9 percent from large hydroelectric sources, and the remaining 17 percent from coal, nuclear, oil, other and unspecified sources (CEC 2023b).

Pacific Gas and Electric (PG&E) is responsible for supplying power to end-users in Marin County while complying with county, state, and federal regulations. PG&E's power system is one of the nation's largest electric and gas utilities and maintains 106,681 circuit miles of electric distribution lines and 18,466 circuit miles of interconnected transmission lines (PG&E 2023). In 2021, PG&E's power mix, including all PG&E-owned generation plus PG&E's power purchases, consisted of 48

percent renewable resources, including wind, geothermal, biomass, solar, and small hydroelectric facilities; 39 percent nuclear generation; 9 percent natural gas; and 4 percent large hydroelectric facilities (PG&E 2022).

Natural Gas

Natural gas would not be consumed by the project and therefore natural gas is not discussed further in this section.

Petroleum Fuels

California is one of the top producers of petroleum in the nation, with drilling operations occurring throughout the state, but primarily concentrated in Kern and Los Angeles counties. A network of crude oil pipelines connects production areas to oil refineries in the Los Angeles area, the San Francisco Bay area, and the Central Valley. California oil refineries also process Alaskan and foreign crude oil received in ports in Los Angeles, Long Beach, and the San Francisco Bay Area. Crude oil production in California and Alaska is in decline, and California refineries have become increasingly dependent on imports. In 2022, 59 percent of the crude oil refined in California was imported (CEC 2023d). In 2022, major foreign sources of crude oil imports to California were led by Iraq (22.3 percent), Ecuador (16.9 percent), and Saudia Arabia (16.4 percent; CEC 2023e). According to the United States Energy Information Administration (EIA), California's field production of crude oil totaled 130.1 million barrels in 2022 (CEC 2023d).

Alternative Fuels

A variety of alternative fuels are used to reduce petroleum-based fuel demand. The use of these fuels is encouraged through various statewide regulations and plans, such as the Low Carbon Fuel Standard and Senate Bill (SB) 32. Conventional gasoline and diesel may be replaced, depending on the capability of the vehicle with alternative energy sources such as hydrogen, biodiesel, and electricity, which are discussed in the following subsections.

HYDROGEN

Hydrogen is being explored for use in combustion engines and fuel cell electric vehicles (EV). The interest in hydrogen as an alternative transportation fuel stems from its clean-burning qualities, its potential for domestic production, and the fuel cell vehicle's potential for high efficiency, which is two to three times more efficient than gasoline vehicles. There is currently one hydrogen fueling stations in Marin County (United States Department of Energy [DOE] 2023).

BIODIESEL

Biodiesel is a renewable alternative fuel that can be manufactured from vegetable oils, animal fats, or recycled restaurant greases. Biodiesel is biodegradable and cleaner-burning than petroleum-based diesel fuel. Biodiesel can run in any diesel engine generally without alterations but fueling stations have been slow to make it available. There are currently no biodiesel refueling stations in Marin County (DOE 2023).

ELECTRIC VEHICLES

Electricity can be used to power electric and plug-in hybrid EVs directly from the power grid. Electricity used to power vehicles is generally provided by the electricity grid and stored in the vehicle's batteries. Fuel cells are being explored to use electricity generated onboard the vehicle to

power electric motors. There are numerous publicly available electrical charging stations throughout Marin County (DOE 2023).

The 2021 Federal Infrastructure Bill allocates approximately $384 million to California over the next 5 years to support the expansion of an EV charging network and includes a provision that allows the State to apply for the $2.5 billion in grant funding dedicated to EV charging infrastructure. It is unclear at this time when and how the funds will be utilized.

BIOGAS

There is growing interest regarding biogas[1] production potential in California from non-hazardous-waste landfills, landfill diversion of organic waste material, wastewater treatment, concentrated animal feeding operations, and food and green waste processing. When biogas is conditioned and upgraded to pipeline quality specifications, it can be interconnected to a gas utility's pipeline and distributed to a specific customer. Biomethane may also be consumed on site for a variety of uses, including electrical power generation from internal combustion engines, fuel cells, and turbines, or as a fuel source for natural gas vehicles. Currently, there are instances where biogas is being vented naturally or flared to the atmosphere, rather than being utilized as a valuable renewable resource (California Gas and Electric Utilities 2023).

Energy Demand

Electricity

The United States Energy Information Administration (EIA) estimates that California electricity consumption in 2020 represents approximately 6.7 percent of total United States electricity consumption in 2020 (EIA 2021a). As shown in Table 4.5-1, total electricity consumption within California in 2022 was approximately 287,826 GWh. In Marin County, total electricity consumption in 2022 was approximately 1,293 GWh, representing approximately 0.5 percent of electricity usage in California (CEC 2023e). According to the California Department of Finance (DOF), Marin County's estimated 2022 population totaled 255,470 people (DOF 2023). As such, annual per capita electricity consumption is estimated at approximately 5,061 kWh.

Table 4.5-1 2022 Annual Electricity Consumption

Energy Type	California Consumption	Marin County Consumption	Percentage of Statewide Consumption	County per Capita Consumption[1]
Electricity	287,826 GWh	1,293 GWh	0.5 percent	5,061 kWh

GWh = gigawatt hours; kWh = kilowatt hours

[1] Per capita consumption based on Marin County's estimated 2022 population of 255,470 people (DOF 2023).

Source: CEC 2023e

Petroleum Fuels

According to the EIA, transportation accounted for nearly 40 percent of California's total energy demand, amounting to approximately 3,073 trillion Btu in 2019 (EIA 2021b). State and county fuel consumption is further illustrated in Table 4.5-2. In 2022, California consumed approximately 13.6 billion gallons of gasoline and 3.1 billion gallons of diesel fuel, and Marin County consumed an estimated 86 million gallons of gasoline and 5 million gallons of diesel fuel (CEC 2023g). Marin

[1] Biogas is a mixture of methane and carbon dioxide produced by the bacterial degradation of organic matter.

County's estimated 2022 population totaled 255,470 people (DOF 2023). As such, annual per capita gasoline consumption is estimated at approximately 337 gallons of gasoline and 20 gallons of diesel per person.

Table 4.5-2 2022 Annual Gasoline and Diesel Consumption

Fuel Type	California Consumption	Marin County Consumption	Percentage of Statewide Consumption	County per Capita Consumption[1]
Gasoline	13,640,000,000 gallons	86,000,000 gallons	0.6 percent	337 gallons
Diesel	2,290,000,000 gallons	5,000,000 gallons	0.2 percent	20 gallons

[1] Per capita consumption based on Marin County's estimated 2022 population of 255,470 people (DOF 2023).

Source: CEC 2023g

b. Climate Change and Greenhouse Gases

Gases that absorb and re-emit infrared radiation in the atmosphere are called GHGs. The gases that are widely seen as the principal contributors to human-induced climate change include carbon dioxide (CO_2); methane (CH_4); nitrous oxides (N_2O); fluorinated gases such as hydrofluorocarbons (HFC) and perfluorocarbons (PFC); and sulfur hexafluoride (SF_6). Water vapor is excluded from the list of GHGs because it is short-lived in the atmosphere and its atmospheric concentrations are largely determined by natural processes, such as oceanic evaporation.

Different types of GHGs have varying global warming potentials (GWP). The GWP of a GHG is the potential of a gas or aerosol to trap heat in the atmosphere over a specified timescale (generally, 100 years). Because GHGs absorb different amounts of heat, a common reference gas (CO_2) is used to relate the amount of heat absorbed to the amount of the gas emitted, referred to as "carbon dioxide equivalent" (CO_2e), which is the amount of GHG emitted multiplied by its GWP. Carbon dioxide has a 100-year GWP of one. By contrast, methane has a 100-year GWP of 30, meaning its global warming effect is 30 times greater than CO_2 on a molecule per molecule basis (Intergovernmental Panel on Climate Change [IPCC] 2021).[2]

GHGs are emitted by natural processes and human activities. Of these gases, CO_2 and CH_4 are emitted in the greatest quantities from human activities. Emissions of CO_2 are usually by-products of fossil fuel combustion, and CH_4 results from off-gassing associated with agricultural practices and landfills. Human-made GHGs, many of which have greater heat-absorption potential than CO_2, include fluorinated gases and SF_6 (United States Environmental Protection Agency [USEPA] 2023a).

Climate change is the observed increase in the average temperature of the Earth's atmosphere and oceans along with other substantial changes in climate (such as wind patterns, precipitation, and storms) over an extended period. The term "climate change" is often used interchangeably with the term "global warming," but climate change is preferred because it conveys that other changes are happening in addition to rising temperatures. The baseline against which these changes are measured originates in historical records that identify temperature changes that occurred in the past, such as during previous ice ages. The global climate is changing continuously, as evidenced in the geologic record, which indicates repeated episodes of substantial warming and cooling. The rate of change has typically been incremental, with warming or cooling trends occurring over the course of thousands of years. The past 10,000 years have been marked by a period of incremental

[2] The Intergovernmental Panel on Climate Change's (2021) *Sixth Assessment Report* determined that methane has a GWP of 30. However, the 2017 Climate Change Scoping Plan published by the California Air Resources Board uses a GWP of 25 for methane, consistent with the Intergovernmental Panel on Climate Change's (2007) *Fourth Assessment Report*. Therefore, this analysis utilizes a GWP of 25.

warming, as glaciers have steadily retreated across the globe. However, scientists have observed acceleration in the rate of warming over the past 150 years. The IPCC expressed in its Sixth Assessment Report that the rise and continued growth of atmospheric CO_2 concentrations is unequivocally due to human activities (IPCC 2021). Human influence has warmed the atmosphere, ocean, and land, which has led the climate to warm at an unprecedented rate in the last 2,000 years. It is estimated that between the period of 1850 through 2019, a total of 2,390 gigatons of anthropogenic CO_2 was emitted. It is likely that anthropogenic activities have increased the global surface temperature by approximately 1.07 degrees Celsius between the years 2010 through 2019 (IPCC 2021).

The accumulation of GHGs in the atmosphere regulates the earth's temperature. Without the natural heat-trapping effect of GHGs, the earth's surface would be about 33 degrees Celsius (°C) cooler (World Meteorological Organization 2013). However, since 1750, estimated concentrations of CO_2, CH_4, and N_2O in the atmosphere have increased by 47 percent, 156 percent, and 23 percent, respectively, primarily due to human activity (IPCC 2021). GHG emissions from human activities, particularly the consumption of fossil fuels for electricity production and transportation, are believed to have elevated the concentration of these gases in the atmosphere beyond the level of concentrations that occur naturally.

Greenhouse Gas Emissions Inventory

Global Emissions Inventory

Worldwide anthropogenic GHG emissions totaled 47,000 million metric tons (MMT) of CO_2e in 2015, which is a 43 percent increase from 1990 GHG levels (USEPA 2023b). Specifically, 34,522 MMT of CO_2e of CO_2, 8,241 MMT of CO_2e of CH_4, 2,997 MMT of CO_2e of N_2O, and 1,001 MMT of CO_2e of fluorinated gases were emitted in 2015. The largest source of GHG emissions were energy production and fuel use from vehicles and buildings, which accounted for 75 percent of the global GHG emissions. Agriculture uses and industrial processes contributed 12 percent and 6 percent, respectively. Waste sources contributed three percent and international transportation sources contributed two percent. These sources account for approximately 98 percent because there was a net sink of 2 percent from land-use change (including afforestation/reforestation and emissions removals by other land use activities) (USEPA 2023b).

United States Emissions Inventory

Total U.S. GHG emissions were 6,558 MMT of CO_2e in 2019. Emissions decreased by 1.7 percent from 2018 to 2019. Since 1990, total U.S. emissions have increased by an average annual rate of 0.06 percent for a total increase of 1.8 percent between 1990 and 2019. The decrease from 2018 to 2019 reflects the combined influences of several long-term trends, including population changes, economic growth, energy market shifts, technological changes such as improvements in energy efficiency, and decrease carbon intensity of energy fuel choices. In 2019, the industrial and transportation end-use sectors accounted for 30 percent and 29 percent, respectively, of nationwide GHG emissions; while the commercial and residential end-use sectors accounted for 16 percent and 15 percent of nationwide GHG emissions, respectively, with electricity emissions distributed among the various sectors (USEPA 2023c).

California Emissions Inventory

Based on the California Air Resources Board (CARB) California Greenhouse Gas Inventory for 2000-2019, California produced 418.2 MMT of CO_2e in 2019, which is 7.2 MMT of CO_2e lower than 2018 levels. The major source of GHG emissions in California is the transportation sector, which comprises 40 percent of the state's total GHG emissions. The industrial sector is the second largest source, comprising 21 percent of the state's GHG emissions, while electric power accounts for approximately 14 percent (CARB 2021). The magnitude of California's total GHG emissions is due in part to its large size and large population compared to other states. However, its relatively mild climate is a factor that reduces California's per capita fuel use and GHG emissions as compared to other states. In 2016, the State of California achieved its 2020 GHG emission reduction target of reducing emissions to 1990 levels, as emissions fell below 431 MMT of CO_2e (CARB 2021).

Potential Effects of Climate Change

Globally, climate change has the potential to affect numerous environmental resources through potential impacts related to future air temperatures and precipitation patterns. Scientific modeling predicts that continued GHG emissions at or above current rates would induce more extreme climate changes during the 21st century than were observed during the 20th century. Each of the past three decades has been warmer than all the previous decades on record, and the decade from 2000 through 2010 has been the warmest. The observed global mean surface temperature from 2015 to 2017 was approximately 1.0°C higher than the average global mean surface temperature over the period from 1880 to 1900 (National Oceanic and Atmospheric Administration 2020). Furthermore, several independently-analyzed data records of global and regional Land-Surface Air Temperature obtained from station observations jointly indicate that Land-Surface Air Temperature and sea surface temperatures have increased.

According to *California's Fourth Climate Change Assessment*, statewide temperatures from 1986 to 2016 were approximately 0.6 to 1.1°C higher than those recorded from 1901 to 1960. Potential impacts of climate change in California may include reduced water supply from snowpack, sea level rise, more extreme heat days per year, larger forest fires, and more drought years (State of California 2018). In addition to statewide projections, *California's Fourth Climate Change Assessment* includes regional reports that summarize climate impacts and adaptation solutions for nine regions of the state and regionally specific climate change case studies (State of California 2018). However, while there is growing scientific consensus about the possible effects of climate change at a global and statewide level, current scientific modeling tools are unable to predict what local impacts may occur with a similar degree of accuracy. A summary follows of some of the potential effects that could be experienced in California because of climate change.

Air Quality

Scientists project that the annual average maximum daily temperatures in California could rise by 2.4 to 3.2°C in the next 50 years and by 3.1 to 4.9°C in the next century (State of California 2018). Higher temperatures are conducive to air pollution formation, and rising temperatures could therefore result in worsened air quality in California. As a result, climate change may increase the concentration of ground-level ozone. The magnitude of the effect of the increased concentration of ground-level ozone, and therefore its indirect effects, are uncertain. In addition, as temperatures have increased in recent years, the area burned by wildfires throughout the state has increased, and wildfires have occurred at higher elevations in the Sierra Nevada Mountains (State of California 2018). If higher temperatures continue to be accompanied by an increase in the incidence and

extent of large wildfires, air quality could worsen. Severe heat accompanied by drier conditions and poor air quality could increase the number of heat-related deaths, illnesses, and asthma attacks throughout the state. However, if higher temperatures are accompanied by wetter, rather than drier conditions, the rains could tend to temporarily clear the air of particulate pollution, which would effectively reduce the number of large wildfires and thereby ameliorate the pollution associated with them (California Natural Resources Agency 2009).

Water Supply

Analysis of paleoclimatic data (such as tree-ring reconstructions of stream flow and precipitation) indicates a history of naturally and widely varying hydrologic conditions in California and the west, including a pattern of recurring and extended droughts. Uncertainty remains with respect to the overall impact of climate change on future precipitation trends and water supplies in California. Year-to-year variability in statewide precipitation levels has increased since 1980, meaning that wet and dry precipitation extremes have become more common (California Department of Water Resources 2018). This uncertainty regarding future precipitation trends complicates the analysis of future water demand, especially where the relationship between climate change and its potential effect on water demand is not well understood. The average early spring snowpack in the western U.S., including the Sierra Nevada Mountains, decreased by about 10 percent during the last century. During the same period, sea level rose over 0.15 meter along the central and southern California coasts (State of California 2018). The Sierra snowpack provides most of California's water supply as snow that accumulates during wet winters is released slowly during the dry months of spring and summer. A warmer climate is predicted to reduce the fraction of precipitation that falls as snow and the amount of snowfall at lower elevations, thereby reducing the total snowpack (State of California 2018). Projections indicate that the average spring snowpack in the Sierra Nevada and other mountain catchments in central and northern California will decline by approximately 66 percent from its historical average by 2050 (State of California 2018).

Hydrology and Sea Level Rise

Climate change could affect the intensity and frequency of storms and flooding (State of California 2018). Furthermore, climate change could induce substantial sea level rise in the coming century. Rising sea level increases the likelihood of and risk from flooding. The rate of increase of global mean sea levels between 1993 to 2022, observed by satellites, is approximately 3.5 millimeters per year, double the 20th century trend of 1.6 millimeters per year (World Meteorological Organization 2013; National Aeronautics and Space Administration 2023). Sea levels are rising faster now than in the previous two millennia, and the rise will probably accelerate, even with robust GHG emission control measures. The City now faces new threats of sea level rise and climate change (Marin County Flood Control and Water Conservation District 2023). As shown in the City of Novato's *General Plan 2035 Policy White Paper*, *Sea Level Rise and Adaptation* (City of Novato 2015), a rise in sea level of two feet (anticipated to occur by 2050 in worst-case prediction models, per Table 1 of the City's White Paper) would not inundate the project site. Similarly, the combination of a 20-inch rise in sea level with a 20-year storm event would not inundate the project site. For informational purposes, the National Oceanic and Atmospheric Administration Sea Level Rise Viewer indicates that the project site would not be inundated with four feet of sea level rise but would be inundated with five feet of sea level rise. A five-foot rise in sea level could occur by 2100 in worst-case prediction models, per Table 1 of the City's White Paper (City of Novato 2015). Sea level rise may also jeopardize California's water supply due to saltwater intrusion and induce groundwater flooding and/or exposure of buried infrastructure (State of California 2018).

Agriculture

California has an over $50 billion annual agricultural industry that produces over a third of the country's vegetables and two-thirds of the country's fruits and nuts (California Department of Food and Agriculture 2020). Higher CO_2 levels can stimulate plant production and increase plant water-use efficiency. However, if temperatures rise and drier conditions prevail, certain regions of agricultural production could experience water shortages of up to 16 percent, which would increase water demand as hotter conditions lead to the loss of soil moisture. In addition, crop yield could be threatened by water-induced stress and extreme heat waves, and plants may be susceptible to new and changing pest and disease outbreaks (State of California 2018). Temperature increases could also change the time of year certain crops, such as wine grapes, bloom or ripen, and thereby affect their quality (California Climate Change Center 2006).

Ecosystems

Climate change and the potential resultant changes in weather patterns could have ecological effects on the global and local scales. Soil moisture is likely to decline in many regions because of higher temperatures, and intense rainstorms are likely to become more frequent. Rising temperatures could have four major impacts on plants and animals: timing of ecological events; geographic distribution and range of species; species composition and the incidence of nonnative species within communities; and ecosystem processes, such as carbon cycling and storage (Parmesan 2006; State of California 2018).

4.5.2 Regulatory Setting

a. Federal Laws and Regulations

Energy Independence and Security Act of 2007

The Energy Independence and Security Act, enacted by Congress in 2007, is designed to improve vehicle fuel economy and help reduce United States dependence on foreign oil. It expands the production of renewable fuels, thereby reducing dependence on oil and confronting global climate change. Specifically, it does the following:

- Increases the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard, requiring fuel producers to use at least 36 billion gallons of biofuel in 2022, which represents a nearly five-fold increase over current levels.
- Reduces United States demand for oil by setting a national fuel economy standard of 35 miles per gallon by 2020—an increase in fuel economy standards of 40 percent.

Corporate Average Fuel Economy Standards and Safer Affordable Fuel-Efficient Vehicles Rule

The Energy Policy and Conservation Act of 1975 established the Corporate Average Fuel Economy Standards (CAFE standards). The CAFE standards are federal rules established by the National Highway Traffic Safety Administration (NHTSA) that set fuel economy standards for all new passenger cars and light trucks sold in the United States. The CAFE standards become more stringent each year, reaching an estimated 38.3 miles per gallon for the combined industry-wide fleet for model year 2020 (77 Federal Register 62624 et seq. [October 15, 2012, Table I-1]).

In September 2019, the USEPA and the NHTSA issued the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule, Part One "One National Program" (84 Federal Register 51310), revoking a waiver granted by USEPA to the State of California under Section 209 of the Clean Air Act to enforce more stringent emission standards for motor vehicles than those required by USEPA for the explicit purpose of GHG reduction, and indirectly, criteria air pollutants and ozone precursor emission reduction. This revocation became effective on November 26, 2019, and could have restricted the ability of CARB to enforce more stringent GHG emission standards for new vehicles and set zero-emission vehicle mandates in California. However, on December 21, 2021, the NHTSA published its CAFE Preemption rule, which finalizes its repeal of the 2019 SAFE Rule, Part One. On April 30, 2020, the USEPA and the NHTSA published Part Two of the SAFE Vehicles Rule, which revised corporate average fuel economy and CO_2 emissions standards for passenger cars and trucks of model years 2021-2026, such that the standards increase by approximately 1.5 percent each year through model year 2026, as compared to the approximately 5 percent annual increase required under the 2012 standards (NHTSA 2023).

Part Two addresses CAFE standards for passenger cars and light trucks for model years 2021 to 2026. This rulemaking proposed new CAFE standards for model years 2022 through 2026 and amended existing CAFE standards for model years 2021 through 2026. The proposal retained the model year 2020 standards (specifically, the footprint target curves for passenger cars and light trucks) through model year 2026. The proposal addressing CAFE standards was jointly developed by NHTSA and USEPA, with USEPA simultaneously proposing tailpipe carbon dioxide emission standards for the same vehicles covered by the same model years.

Energy Star Program

In 1992, USEPA introduced Energy Star as a voluntary-labeling program designed to identify and promote energy-efficient products to reduce GHG emissions. The program applies to major household appliances, lighting, computers, and building components such as windows, doors, roofs, and heating and cooling systems. Under this program, appliances that meet specification for maximum energy use established under the program are certified to display the Energy Star label. In 1996, USEPA joined with the Energy Department to expand the program, which now also includes qualifying commercial and industrial buildings, and homes.

Federal Clean Air Act

The U.S. Supreme Court determined in *Massachusetts et al. v. Environmental Protection Agency et al.* ([2007] 549 U.S. 05-1120) that the USEPA has the authority to regulate motor vehicle GHG emissions under the federal Clean Air Act. The USEPA issued a Final Rule for mandatory reporting of GHG emissions in October 2009. This Final Rule applies to fossil fuel suppliers, industrial gas suppliers, direct GHG emitters, and manufacturers of heavy-duty and off-road vehicles and vehicle engines and requires annual reporting of emissions. In 2012, the USEPA issued a Final Rule that established the GHG permitting thresholds that determine when Clean Air Act permits under the New Source Review Prevention of Significant Deterioration and Title V Operating Permit programs are required for new and existing industrial facilities. As of August 2025, the USEPA has released a proposal to rescind the 2009 Endangerment Finding that led to the Final Rule development. If the proposal is finalized, GHG emissions standards for light-duty, medium-duty, and heavy-duty vehicles and engines would be removed.

In *Utility Air Regulatory Group v. Environmental Protection Agency* (134 Supreme Court 2427 [2014]), the U.S. Supreme Court held the USEPA may not treat GHGs as an air pollutant for purposes of determining whether a source can be considered a major source required to obtain a Prevention of Significant Deterioration or Title V permit. The Court also held that Prevention of Significant Deterioration permits otherwise required based on emissions of other pollutants may continue to require limitations on GHG emissions based on the application of Best Available Control Technology.

Construction Equipment Fuel-Efficiency Standard

USEPA sets emission standards for construction equipment. The first federal standards (Tier 1) were adopted in 1994 for all off-road engines over 50 horsepower and were phased in by 2000. A new standard was adopted in 1998 that introduced Tier 1 for all equipment below 50 horsepower and established the Tier 2 and Tier 3 standards. The Tier 2 and Tier 3 standards were phased in by 2008 for all equipment. The current iteration of emissions standards for construction equipment are the Tier 4 efficiency requirements, which are contained in 40 Code of Federal Regulations Parts 1039, 1065, and 1068 (originally adopted in 69 Federal Register 38958 [June 29, 2004] and most recently updated in 2014 [79 Federal Register 46356]). Emissions requirements for the sale of new off-road Tier 4 vehicles were completely phased in by the end of 2015.

b. State Laws and Regulations

CARB and the CEC are responsible for the coordination and oversight of State and local air pollution control and energy programs in California, respectively. There are numerous regulations aimed at reducing the state's GHG emissions. These initiatives are summarized below.

California Energy Plan

The CEC is responsible for preparing the California Energy Plan, which identifies emerging trends related to energy supply, demand, conservation, public health and safety, and the maintenance of a healthy economy. The California Energy Plan calls for the State of California to assist in the transformation of the transportation system to improve air quality, reduce congestion, and increase the efficient use of fuel supplies with the least environmental and energy costs. To further this policy, the plan identifies a number of strategies, including assistance to public agencies and fleet operators in implementing incentive programs for zero-emission vehicles and addressing their infrastructure needs and encouragement of urban designs that reduce vehicle miles traveled (VMT) and accommodate pedestrian and bicycle access.

California's 2023 Integrated Energy Policy Report

Every 2 years, the CEC prepares the Integrated Energy Policy Report (IEPR). The IEPR identifies actions the state and others can take to ensure a clean, affordable, and reliable energy system. California's innovative energy policies strengthen energy resiliency, reduce GHG emissions, improve air quality, and contribute to an equitable future (CEC 2023h). The 2023 IEPR discusses speeding connection of clean resources to the electricity grid, the potential use of clean and renewable hydrogen, and the California Energy Demand Forecast to 2040. The report also provides updates on topics such as gas decarbonization, energy efficiency, the Clean Transportation Program, Assembly Bill 1257 (Bocanegra, Chapter 749, Statutes of 2013), and publicly owned utilities' progress toward peak demand reserves and margins.

California Advanced Clean Cars Program

AB 1493 (2002), California's Advanced Clean Cars program (referred to as "Pavley"), requires CARB to develop and adopt regulations to achieve "the maximum feasible and cost-effective reduction of GHG emissions from motor vehicles." On June 30, 2009, the USEPA granted the waiver of Clean Air Act preemption to California for its GHG emission standards for motor vehicles, beginning with the 2009 model year, which allows California to implement more stringent vehicle emission standards than those promulgated by the USEPA. Pavley I regulates model years from 2009 to 2016 and Pavley II, now referred to as "LEV (Low Emission Vehicle) III GHG," regulates model years from 2017 to 2025. The Advanced Clean Cars program coordinates the goals of the LEV, Zero Emissions Vehicles (ZEV), and Clean Fuels Outlet programs and would provide major reductions in GHG emissions. By 2025, the rules will be fully implemented, and new automobiles will emit 34 percent fewer GHGs and 75 percent fewer smog-forming emissions from their model year 2016 levels (CARB 2011). In May 2025, the United States Senate voted to repeal California's waiver for the Advanced Clean Cars II Program, which established increasingly stringent vehicle emissions standards and provided targets for zero-emissions vehicle sales within the state.

California Global Warming Solutions Act of 2006 (Assembly Bill 32, Senate Bill 32, and Assembly Bill 1279)

The "California Global Warming Solutions Act of 2006," (AB 32), outlines California's major legislative initiative for reducing GHG emissions. AB 32 codifies the statewide goal of reducing GHG emissions to 1990 levels by 2020 and requires CARB to prepare a Scoping Plan that outlines the main state strategies for reducing GHG emissions to meet the 2020 deadline. In addition, AB 32 requires CARB to adopt regulations to require reporting and verification of statewide GHG emissions. Based on this guidance, CARB approved a 1990 statewide GHG level and 2020 target of 431 MMT of CO_2e, which was achieved in 2016. CARB approved the Scoping Plan on December 11, 2008, which included GHG emission reduction strategies related to energy efficiency, water use, and recycling and solid waste, among others (CARB 2008).

The CARB approved the 2013 Scoping Plan update in May 2014. The update defined the CARB's climate change priorities for the next five years, set the groundwork to reach post-2020 statewide goals, and highlighted California's progress toward meeting the "near-term" 2020 GHG emission reduction goals defined in the original Scoping Plan.

On September 8, 2016, the governor signed SB 32 into law, extending the California Global Warming Solutions Act of 2006 by requiring the state to further reduce GHG emissions to 40 percent below 1990 levels by 2030 (the other provisions of AB 32 remain unchanged). On December 14, 2017, the CARB adopted the 2017 Scoping Plan, which provides a framework for achieving the 2030 target. The 2017 Scoping Plan relies on the continuation and expansion of existing policies and regulations, such as the Cap-and-Trade Program, and implementation of recently adopted policies and legislation, such as SB 1383 and SB 100 (discussed below). The 2017 Scoping Plan also puts an increased emphasis on innovation, adoption of existing technology, and strategic investment to support its strategies.

AB 1279, "The California Climate Crisis Act," was passed on September 16, 2022, and declares the State would achieve net zero greenhouse gas emissions as soon as possible, but no later than 2045, and to achieve and maintain net negative greenhouse gas emissions thereafter. In addition, the bill states that the State would reduce GHG emissions by 85 percent below 1990 levels no later than 2045. The 2022 Scoping Plan lays out a path to achieve AB 1279 targets (CARB 2022). The actions

and outcomes in the 2022 Scoping Plan would achieve significant reductions in fossil fuel combustion by deploying clean technologies and fuels, further reductions in short-lived climate pollutants, support for sustainable development, increased action on natural and working lands to reduce emissions and sequester carbon, and the capture and storage of carbon.

CARB In-Use On-Road and Off-Road Diesel Rules

The CARB rule imposes limits on idling, restricts the addition of older vehicles, and requires the retirement or replacement of older engines depending on their fleet size category. This policy indirectly impacts energy consumption.

More specifically, CARB is also charged with developing air pollution control regulations based upon the best available control measures and implementing feasible control measures under the State and Federal Clean Air Act (Health & Safety Code, Sections 39602.5, 39667, 43013, subdivisions [a] and [h], 43018, 40600, 40601, 40612[a][2] and [c][1][A]). Pursuant to these statutory authorities, more stringent emission standards were adopted in 2004 for off-road construction equipment (i.e. "Tier 4" standards) (40 Code of Federal Regulations Parts 1039, 1065, and 1068; California Code of Regulations [CCR], Title 13, Section 2025; AR 2854). CARB also adopted emission standards for on-road heavy duty diesel vehicles (i.e., haul trucks) (CCR Title 13, Section 1956.8). These haul truck regulations mandate fleets ensuring that nearly all on-road diesel trucks had 2010 model year engines or equivalent (i.e., Tier 4) by 2023. To ensure this was achieved, starting in 2020, only vehicles compliant with this regulation are allowed to be registered in California.

California Integrated Waste Management Act (Assembly Bill 341)/Assembly Bill 1826 (Mandatory Recycling/Composting)

The California Integrated Waste Management Act of 1989, as modified by AB 341, requires each jurisdiction's source reduction and recycling element to include an implementation schedule that shows diversion away from landfills of 75 percent of all solid waste by 2020 and annually thereafter. AB 1826 requires recycling of organic waste (i.e., composting). All businesses and public entities that generate four or more cubic yards of solid waste per week and multi-family residential dwellings that have five or more units are required to recycle and compost.

California Building Standards Code

The CCR Title 24 is referred to as the California Building Standards Code. It consists of a compilation of several distinct standards and codes related to building construction, including plumbing, electrical, interior acoustics, energy efficiency, and accessibility for persons with physical and sensory disabilities. The California Building Standards Code's energy-efficiency and green building standards are outlined below. These standards are updated every three years and the project would be subject to the 2022 California Building Standards.

Part 6 Building Energy Efficiency Standards/Energy Code

CCR Title 24, Part 6 is the Building Energy Efficiency Standards or California Energy Code. This code, originally enacted in 1978, establishes energy-efficiency standards for residential and non-residential buildings to reduce California's energy demand. New construction and major renovations must demonstrate their compliance with the current Energy Code through submittal and approval of a Title 24 Compliance Report to the local building permit review authority and the CEC. The current iteration is the 2022 Title 24 standards. The California Building Standards Code's energy-efficiency and green building standards are outlined below.

Part 11 – California Green Building Standards

The California Green Building Standards Code, referred to as CALGreen, was added to Title 24 as Part 11, first in 2009 as a voluntary code, which then became mandatory effective on January 1, 2011 (as part of the 2010 California Building Standards Code). The 2022 CALGreen includes mandatory minimum environmental performance standards for all ground-up new construction of residential and non-residential structures. It also includes voluntary tiers with stricter environmental performance standards for these same categories of residential and non-residential buildings. Local jurisdictions must enforce the minimum mandatory CALGreen standards and may adopt additional amendments for stricter requirements.

The mandatory standards require:

- Minimum 20 percent reduction in indoor water use relative to specified baseline levels;[3]
- Waste Reduction:
  - Minimum 65 percent non-hazardous construction/demolition waste diverted from landfills;
  - Non-residential and Multifamily dwellings with 5 or more units shall provide readily accessible areas identified for the depositing, storage and collection of nonhazardous materials for recycling including (at a minimum) paper, corrugated cardboard, glass, plastic, organic waste, and metals;
  - Nonresidential: 100 percent of trees, stumps, rocks and associated vegetation soils resulting from primary land clearing shall be reused or recycled.
- Inspections of energy systems to ensure optimal working efficiency;

The CALGreen voluntary standards are only mandatory if a local ordinance requires them. The City has made some of the voluntary measures mandatory. The CALGreen voluntary standards are divided into two tiers. Tier 1 adds additional requirements beyond the mandatory measures, whereas Tier 2 further increases the requirements. The City's mandatory Tier 1 measures are indicated below.

- **Tier 1**
  - Stricter energy efficiency requirements;
  - (Mandatory) Stricter water conservation requirements for specific fixtures;
  - (Mandatory) Minimum 65 percent reduction in construction waste with third-party verification, Minimum 10 percent recycled content for building materials;
  - (Mandatory) Minimum 20 percent permeable paving;
  - (Mandatory) Minimum 20 percent cement reduction;
  - (Mandatory) Table A5.106.5.3.1 shall be used to determine the number of EV capable spaces required. Section 5.106.5.3 includes design space requirements. When EV capable spaces are provided with EV supply equipment to create EVCS per Table A5.106.5.3.1, refer to Section 5.106.5.3.2 for the allowed use of Level 2 or Direct Current Fast Charger and Section 5.106.5.3.3 for the allowed use of Automatic Load Management Systems. Specifically, Tabe A5.106.5.3.1 requires that projects with:

[3] Similar to the compliance reporting procedure for demonstrating Energy Code compliance in new buildings and major renovations, compliance with the CALGreen water reduction requirements must be demonstrated through completion of water use reporting forms. Buildings must demonstrate a 20 percent reduction in indoor water use by either showing a 20 percent reduction in the overall baseline water use as identified in CALGreen or a reduced per-plumbing-fixture water use rate.

  - 0 to 9 total actual parking spaces shall have 2 EV capable spaces and 0 EVCS;
  - 10 to 25 total actual parking spaces shall have 5 EV capable spaces and 2 EVCS;
  - 26 to 50 total actual parking spaces shall have 11 EV capable spaces and 4 EVCS;
  - 51 to 75 total actual parking spaces shall have 19 EV capable spaces and 5 EVCS;
  - 75 to 100 total actual parking spaces shall have 26 EV capable spaces and 9 EVCS;
  - 101 to 150 s total actual parking spaces shall have 38 EV capable spaces and 13 EVCS;
  - 151 to 200 total actual parking spaces shall have 53 EV capable spaces and 18 EVCS; and
  - More than 201 total actual parking spaces shall have 30 percent of total spaces as EV capable spaces and 33 percent of EV capable spaces as EVCS.

- **Tier 2**
  - Stricter energy efficiency requirements,
  - Stricter water conservation requirements for specific fixtures;
  - Minimum 75 percent reduction in construction waste with third-party verification,
  - Minimum 15 percent recycled content for building materials;
  - Minimum 30 percent permeable paving;
  - Minimum 25 percent cement reduction;
  - Table A5.106.5.3.2 shall be used to determine the number of EV capable spaces required. Section 5.106.5.3 includes design requirements. When EV capable spaces are provided with EV supply equipment to create EVCS per Table A5.106.5.3.1, refer to Section 5.106.5.3.2 for the allowed use of Level 2 or Direct Current Fast Charger and Section 5.106.5.3.3 for the allowed use of Automatic Load Management Systems. Specifically, Tabe A5.106.5.3.1 requires that projects with:
    - 0 to 9 total actual parking spaces shall have 2 EV capable spaces and 0 EVCS;
    - 10 to 25 total actual parking spaces shall have 5 EV capable spaces and 2 EVCS;
    - 26 to 50 total actual parking spaces shall have 11 EV capable spaces and 4 EVCS;
    - 51 to 75 total actual parking spaces shall have 19 EV capable spaces and 5 EVCS;
    - 75 to 100 total actual parking spaces shall have 26 EV capable spaces and 9 EVCS;
    - 101 to 150 s total actual parking spaces shall have 38 EV capable spaces and 13 EVCS;
    - 151 to 200 total actual parking spaces shall have 53 EV capable spaces and 18 EVCS; and
    - More than 201 total actual parking spaces shall have 30 percent of total spaces as EV capable spaces and 33 percent of EV capable spaces as EVCS.

Assembly Bill (AB) 2076: Reducing Dependence on Petroleum

Pursuant to AB 2076 (Chapter 936, Statutes of 2000), the CEC and CARB prepared and adopted a joint agency report, Reducing California's Petroleum Dependence, in 2003. Included in this report are recommendations to increase the use of alternative fuels to 20 percent of on-road-transportation-fuel use by 2020 and 30 percent by 2030, significantly increase the efficiency of motor vehicles, and reduce per capita VMT. One of the performance-based goals of AB 2076 is to reduce petroleum demand to 15 percent below 2003 demand. Furthermore, in response to the CEC's 2003 and 2005 Integrated Energy Policy Reports, the Governor directed the CEC to take the lead in developing a long-term plan to increase alternative fuel use.

AB 1493 (Reduce GHG Emissions from Vehicle Use)

AB 1493 (Chapter 200, Statutes of 2002), known as the Pavley Bill, amended Health and Safety Code Sections 42823, and added Section 43018.5 requiring CARB to develop and adopt regulations that achieve maximum feasible and cost-effective reduction of GHG emissions from passenger vehicles, light-duty trucks, and other vehicles used for noncommercial personal transportation in California.

AB 1007 (State Alternative Fuels Plan)

AB 1007 (Chapter 371, Statutes of 2005) required the CEC to prepare a State plan to increase the use of alternative fuels in California. The CEC prepared the State Alternative Fuels Plan (SAF Plan) in partnership with CARB and in consultation with other federal, State, and local agencies. The SAF Plan presents strategies and actions California must take to increase the use of alternative non-petroleum fuels in a manner that minimizes costs to California and maximizes the economic benefits of in-state production. The SAF Plan assessed various alternative fuels and developed fuel portfolios to meet California's goals to reduce petroleum consumption, increase alternative fuels use, reduce GHG emissions, and increase in-State production of biofuels without causing a significant degradation of public health and environmental quality

Senate Bill (SB) 350: Clean Energy and Pollution Reduction Act of 2015

The Clean Energy and Pollution Reduction Act of 2015 (SB 350) requires doubling of the energy efficiency savings in electricity and natural gas for retail customers through energy efficiency and conservation by December 31, 2030.

SB 375

The Sustainable Communities and Climate Protection Act of 2008 (SB 375), signed in August 2008, enhances the state's ability to reach AB 32 goals by directing the CARB to develop regional GHG emission reduction targets to be achieved from passenger vehicles by 2020 and 2035. SB 375 aligns regional transportation planning efforts, regional GHG reduction targets, and affordable housing allocations. Metropolitan Planning Organizations are required to adopt a Sustainable Communities Strategy, which allocates land uses in the Metropolitan Planning Organization's Regional Transportation Plan. Qualified projects consistent with an approved Sustainable Communities Strategy or Alternative Planning Strategy (categorized as "transit priority projects") can receive incentives to streamline CEQA processing.

The City of Novato is within the planning area of the Association of Bay Area Governments. Association of Bay Area Governments was assigned targets of a 10 percent reduction in GHGs from transportation sources by 2020 and a 19 percent reduction in GHGs from transportation sources by 2035 (CARB 2023).

SB 1383

Adopted in September 2016, SB 1383 requires CARB to approve and begin implementing a comprehensive strategy to reduce emissions of short-lived climate pollutants. SB 1383 requires the strategy to achieve the following reduction targets by 2030:

- Methane – 40 percent below 2013 levels
- Hydrofluorocarbons – 40 percent below 2013 levels
- Anthropogenic black carbon – 50 percent below 2013 levels

SB 1383 also requires the California Department of Resources Recycling and Recovery (CalRecycle), in consultation with the CARB, to adopt regulations that achieve specified targets for reducing organic waste in landfills.

SB 100

Adopted on September 10, 2018, SB 100 supports the reduction of GHG emissions from the electricity sector by accelerating the state's Renewables Portfolio Standard Program, which was last updated by SB 350 in 2015. SB 100 requires electricity providers to increase procurement from eligible renewable energy resources to 33 percent of total retail sales by 2020, 60 percent by 2030, and 100 percent by 2045. The 2020 goal was met, with approximately 36 percent of electricity coming from renewable sources in March 2021 (CARB 2021b).

SB 1020

SB 1020, signed into law on September 16, 2022, requires renewable energy and zero-carbon resources to supply 90 percent of all retail electricity sales by 2035, 95 percent by 2040, and 100 percent by 2045. All State agency facilities must be served by 100 percent renewable and zero-carbon resources by 2030. SB 1020 also requires the Public Utilities Commission, Energy Commission, and CARB to issue a joint progress report outlining the reliability of the electrical grid with a focus on summer reliability and challenges and gaps. Additionally, SB 1020 requires the Public Utilities Commission to define energy affordability and use energy affordability metrics to develop protections, incentives, discounts, or new programs for residential customers facing hardships due to energy or gas bills.

Executive Order (EO) S-06-06

EO S-06-06, April 25, 2006, establishes targets for the use and production of biofuels and biopower, and directs state agencies to work together to advance biomass programs in California, while providing environmental protection and mitigation. The EO establishes the following targets to increase the production and use of bioenergy, including ethanol and biodiesel fuels made from renewable resources, and to produce a minimum of 20 percent of its biofuels in California by 2010, 40 percent by 2020, and 75 percent by 2050. EO S-06-06 also calls for California to meet a target for use of biomass electricity.

EO N-79-20

Governor Gavin Newsom signed EO N-79-20 in September 2020, which sets a Statewide goal that 100 percent of all new passenger car and truck sales in the State will be zero-emissions by 2035. It also sets a goal that 100 percent of statewide new sales of medium- and heavy-duty vehicles will be zero emissions by 2045, where feasible, and for all new sales of drayage trucks to be zero emissions by 2035. Additionally, the EO targets 100 percent of new off-road vehicle sales in the State to be zero emission by 2035. CARB is responsible for implementing the new vehicle sales regulation.

EO B-55-18

On September 10, 2018, the former Governor Brown issued EO B-55-18, which established a new statewide goal of achieving carbon neutrality by 2045 and maintaining net negative emissions thereafter. This goal is in addition to the existing statewide GHG reduction targets established by SB 375, SB 32, SB 1383, and SB 100.

c. Local Regulations

Plan Bay Area 2050

Plan Bay Area 2050, adopted and administered by the Metropolitan Transportation Commission and Association of Bay Area Governments, is a State-mandated, integrated long-range transportation, land-use, and housing plan, known as a Regional Transportation Plan/Sustainable Communities Strategy, that would support a growing economy, provide more housing and transportation choices and reduce transportation-related pollution in the nine-county San Francisco Bay Area. Plan Bay Area 2050 builds on earlier efforts to develop an efficient transportation network and grow in a financially and environmentally responsible way. Plan Bay Area 2050 focuses on advancing equity and improving resiliency in the Bay Area by creating strategies in the following four elements: Housing, Economy, Transportation, and Environment. The Plan discusses how the future is uncertain due to anticipated employment growth, lack of housing options, and outside forces, such as climate change and economic turbulence. These uncertainties will impact growth in the Bay Area and exacerbate issues for those who are historically and systemically marginalized and underserved and excluded. Thus, Plan Bay Area 2050 has created strategies and considered investments that will serve those systemically underserved communities and provide equitable opportunities. The Plan presents a total of 35 strategies to outline how the $1.4 trillion investment would be utilized. The strategies include, but are not limited to, the following: providing affordable housing, allowing higher-density in proximity to transit-corridors, optimizing the existing roadway network, creating complete streets, providing subsides for public transit, reducing climate emissions, and expanding open space area. To bring these strategies to fruition, it will require participation by agencies, policymakers, and the public. An implementation plan is also included as part of the Plan to assess the requirements needed to carry out the strategies, identify the roles of pertinent entities, create an appropriate method to implement the strategies, and create a timeline for implementation.

City of Novato Climate Change Action Plan

The City of Novato's Climate Action Plan (CAP) is incorporated into General Plan 2035 and Appendix E to the General Plan includes the specific GHG reduction measures. General Plan 2035 provides goals and associated measures, also referred to as climate change mitigation measures, in the sectors of energy use, transportation, water conservation, land use, and solid waste. In addition, Appendix E of General Plan 2035 includes reduction measures and an emissions reduction summary with the anticipated reduction in emissions for each local action. The intent of the CAP is to guide Novato towards achieving or exceeding the State's emissions reductions targets. The CAP documents and forecasts 2015, 2020, and 2035 GHG emissions (City of Novato 2020). Per the requirements of CEQA 15183.5(b), the CAP is considered a qualified GHG reduction plan. Therefore, the CAP could have been employed as the threshold of significance for the project. However, based on the age of the CAP, it does not account for AB 1279 2045 reduction goals and was conservatively not used as the sole basis to judge the GHG impact of the project.

In July 2023, the City of Novato began development of Climate Action Plan 2030, which will serve as an update to the current CAP. The draft of Climate Action Plan 2030 was updated in August 2025, and it is in the final stages of review.

Novato General Plan

The following goals and policies from the 2035 Novato General Plan are applicable to energy and GHG emissions.

- **ES 17: Clean Air.** Work to protect and improve air quality.
  - **ES 17ab: Clean Air Plan.** Cooperate with the Bay Area Air Quality Management District in implementing the regional Clean Air Plan.
- **ES 22: Trees on Private Property.** Encourage and, where appropriate, require actions by private property owners to protect the health of native woodlands and trees.
  - **ES 22a: Parking Lot Standards.** Revise parking lot landscape standards to maximize tree size, cover and growth to reduce heat gain.
  - **ES 22b: Tree Replacement.** Consider amending the woodland tree removal/replacement requirements of the Zoning Code to prioritize replacement planting of native species and to consider tradeoffs of requiring fewer but larger replacement trees based on site conditions.
- **ES 23: Trees in New Development.** Require that the site planning, construction and maintenance of development preserve existing healthy trees and native vegetation on site to the maximum extent feasible. Replace trees and vegetation not able to be saved.
- **ES 24: Emission Reduction Targets.** Establish reduction targets for greenhouse gas emissions and actively implement local strategies to reduce the effects of climate change.
  - **ES 24a: Emission Reduction Goals.** Implement cost-effective strategies to achieve reductions in greenhouse gas emissions consistent with the City's goal of a 15% reduction below 2005 emission levels by 2020, and a 40% reduction in 2005 emissions by 2035.
  - **ES 24b: Implementation.** Implement the Emission Reduction Measures contained in Appendix E to achieve projected reductions in greenhouse gas emissions as feasible.
- **ES 25: Energy and Water Conservation**. Increase energy and water efficiency and conservation in City buildings, equipment and operations. Promote energy and water conservation and building upgrades to the community.
  - **ES 25a: Reduce Resource Use in Buildings.** Require new development to minimize impacts on the environment, including use of energy and water-efficient design features and materials consistent with local building codes and Water District regulations. Strive to achieve sustainable development that, through on-site conservation and renewable energy generation or off-site offsets, has no increased demand on energy and water resources pursuant to the Water District's Urban Water Management Plan.
  - **ES 25b: Green Building Regulations.** Adopt green building regulations that exceed minimum code requirements when found to be cost-effective for long-term building operations. Consider local modifications to the CALGreen Code to require Tier 1, including energy reduction measures, for new construction and for building remodels and additions.
  - **ES 25d: Energy Efficiency Program.** Assist in efforts of the Marin Energy Watch Partnership and non-profit providers of energy and water conservation services to homeowners and businesses. Target services to 1,200 homes and 480 businesses by 2020 and 3,000 homes and 1,200 businesses by 2035.

- **ES 26: On-site Energy Production.** Support on-site renewable energy facilities that help reduce community energy demand.
- **ES 27: Solid Waste Reduction.** Encourage solid waste reduction methods towards achieving an 80% diversion rate by 2025 and a 90% diversion rate by 2035.
  - **ES 27a: Zero Waste.** Revise and update the City of Novato's Zero Waste Resolution to reflect an 80% diversion rate by 2025 and a 90% diversion rate by 2035.
  - **ES 27c: Demolition Debris.** Consider adopting a more stringent Construction and Demolition Ordinance that mandates a reported 65% construction and demolition waste diversion rate.
  - **ES 27f: Recycling in Commercial Development.** Consider amending the Municipal Code to require interior and exterior recycling receptacles.

City of Novato Climate Emergency Resolution/Ordinance No. 1693

The Novato City Council passed and adopted the Climate Emergency Resolution (Ordinance No. 1693) in November 2022. This ordinance amended several sections of Novato Municipal Code Chapter 19, *Zoning,* to prohibit new gas stations on any parcel zoned Planned District and to establish regulations for nonconforming gas stations. The ordinance acknowledges that these revisions to the City's municipal code are not applicable to pending, complete applications to construct new gas stations in Novato, including the proposed project.

4.5.3 Impact Analysis

a. Significance Thresholds

The following thresholds of significance were developed in accordance with Appendix G of the *CEQA Guidelines*. Energy and GHG-related impacts would be significant if the project would:

1. Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation;
2. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency;
3. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment; or
4. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases.

Most individual projects do not generate sufficient GHG emissions to create a project-specific impact through a direct influence on climate change. However, physical changes caused by a project can contribute incrementally to cumulative effects that are significant, even if individual changes resulting from a project are limited. The issue of climate change typically involves an analysis of whether a project's contribution towards an impact is cumulatively considerable. "Cumulatively considerable" means that the incremental effects of an individual project are significant when viewed in connection with the effects of past projects, other current projects, and probable future projects (*CEQA Guidelines*, Section 15064[h][1]). The Bay Area Air District (Air District) adopted updated thresholds of significance for climate impacts on April 20, 2022 (Bay Area Air District 2023). Under the updated thresholds, a project must include, at a minimum, the following project design elements, or must be consistent with a local GHG reduction strategy that meets the criteria under *CEQA Guidelines* Section 15183.5(b):

- Buildings
  - The project will not include natural gas appliances or natural gas plumbing (in both residential and nonresidential development).
  - The project will not result in any wasteful, inefficient, or unnecessary energy usage as determined by the analysis required under Public Resources Code Section 21100(b)(3) and Section 15126.2(b) of the *CEQA Guidelines*.
- Transportation
  - Achieve a reduction in project-generated VMT below the regional average consistent with the current version of the California Climate Change Scoping Plan (currently 15 percent) or meet a locally adopted Senate Bill 743 VMT target, reflecting the recommendations provided in the Governor's Office of Planning and Research's Technical Advisory on Evaluating Transportation Impacts in CEQA:
    - Residential projects: 15 percent below the existing VMT per capita
    - Office projects: 15 percent below the existing VMT per employee
    - Retail projects: no net increase in existing VMT
  - Achieve compliance with off-street EV requirements in the most recently adopted version of CALGreen Tier 2.

b. Methodology

Energy

Public Resources Code Section 21100(b)(3) states that an EIR shall include "mitigation measures proposed to minimize significant effects on the environment, including, but not limited to, measures to reduce the wasteful, inefficient, and unnecessary consumption of energy." The physical environmental impacts associated with the use of energy, including the consumption of electricity and burning of fuels, have been accounted for in Section 4.1, *Air Quality*, and with respect to GHG impacts below.

Energy consumption is analyzed here in terms of construction and operational energy. Construction energy demand accounts for anticipated energy consumption during construction of the project, such as fuel consumed by construction equipment and construction workers' vehicles traveling to and from construction sites in the county. Project construction activities would also use building materials that would require energy use during the manufacturing and/or procurement of that material. Section 15126.2(b) of the *CEQA Guidelines* states, "This [energy] analysis is subject to the rule of reason and shall focus on energy use that is caused by the project." This analysis reasonably assumes that manufacturers of building materials such as concrete, steel, lumber, or other building materials would employ energy conservation practices in the interest of minimizing the cost of doing business. Therefore, the consumption of energy required for the manufacturing and/or procurement of building and construction material is not in the scope of this analysis.

Operational energy demand accounts for the anticipated energy consumption during operation of the project, including but not limited to, electricity, lighting, space and water heating, appliances, and vehicle fuel consumption, which includes 12 truck trips (6 trucks) associated with fuel trucks accessing the project as well as 8 employee trips and 4,600 customer trips. Customer vehicles are gasoline fueled and burning gasoline is a form of energy consumption.

Project traffic is consistent with what is presented in the *Costco Gasoline Fuel Station Addition*: *Transportation Impact Analysis* by Kittelson & Associates Inc., dated February 2024, included as Appendix D. As stated in Appendix D, the proposed project would reduce vehicle miles traveled (VMT) regionally by 702 VMT per day. The addition of the gas station would increase daily trips to the site by 4,620 trips. The energy consumption modeling is based on the regional decrease in gasoline vehicle trips along with the increase in diesel truck trips (for bringing fuel to the station) as well as increase in idling and queueing emissions at the site.

Calculations for energy consumption are contained in Appendix J.

Greenhouse Gas

Project construction is anticipated to last approximately three months. Grading and excavation are required for the installation of canopy footings, USTs, product piping, stormwater improvements, and utility installation. USTs would require excavation to depths of approximately 16 feet and would be installed with 5 to 7 feet of cover.

Transportation assumptions are detailed in the methodology for energy above.

The project does not include the use of natural gas so natural gas consumption was set to zero for the analysis. To ensure that the energy needed to operate the pumps, lights and other operational activities required by the project, the default electrical consumption from CalEEMod for a 28-pump gas station was used. This results in a consumption of approximately 36,759 kilowatt hours per year.

As detailed construction activities are not known, unless where noted, CalEEMod defaults were used for modeling. CalEEMod outputs are provided in Appendix E.

c. Project Impacts and Mitigation Measures

Threshold 1:	Would the project result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Impact GHG-1 THE PROPOSED PROJECT WOULD NOT RESULT IN WASTEFUL OR UNNECESSARY ENERGY CONSUMPTION, AND IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Construction

During project construction, petroleum-based fuels would be used for construction vehicles and equipment on the project site, travel by construction workers to and from the project site, and vehicles used to deliver materials to the site. The project would involve demolition of existing asphalt; utilities trenching and grading; pavement and asphalt installation; fuel facility construction; architectural coating; and installation of landscaping and hardscaping.

The total consumption of gasoline and diesel fuel during project construction was estimated using the assumptions and factors from CalEEMod used to estimate construction air emissions for the air quality analysis (Appendix E). Table 4.5-3 presents the estimated construction phase energy consumption, indicating construction equipment, vendor trips, and worker trips would consume approximately 8,460 gallons of fuel over the project construction period.

Construction activity and associated fuel consumption and energy use would be temporary and typical for the development of the project. Additionally, the City of Novato Municipal Code

incorporates the California Green Building Standards Code. This code includes specific requirements related to recycling, construction materials, and energy efficiency standards that would apply to project construction to minimize wasteful, inefficient, and unnecessary energy consumption. Therefore, the project would not involve the inefficient, wasteful, and unnecessary use of energy during construction, and the construction-phase impact related to energy consumption would be less than significant.

Due to the large number of materials and manufacturers involved in the production of construction materials, including manufacturers in other states and countries, upstream energy use cannot be estimated reasonably or accurately.

Table 4.5-3 Estimated Fuel Consumption During Construction

Fuel Type	Gallons of Fuel	MMBtu[4]
Diesel Fuel (Construction Equipment)[1,2]	7,840	999
Other Petroleum Fuel (Worker Trips)[3]	620	68
Total	**8,460**	**1,067**

Note: Totals may not add due to rounding.

[1] Fuel demand rate for construction equipment is derived from the total hours of operation, the equipment's horsepower, and the equipment's fuel usage per horsepower per hour of operation, which are taken from CalEEMod outputs (see Appendix E). Fuel consumed for construction equipment is assumed to be diesel fuel.

[2] Fuel demand rates for hauling and vendor trips (cut material imports) are derived from vendor trip number, vendor trip length, and vendor vehicle class from "Unmitigated" Table contained in Section 5.3, *Construction Vehicles*, of the CalEEMod results (see Appendix E). The fuel economy for vendor trip vehicles is derived from the United States Department of Transportation (United States Department of Transportation 2020). Fuel consumed for hauling trucks is assumed to be diesel fuel.

[3] The fuel economy for worker trip vehicles is derived from derived from U.S. Department of Transportation National Transportation Statistics (24.4 mpg) (United States Department of Transportation 2020). Fuel consumed for worker trips is assumed to be gasoline fuel.

[4] CaRFG CA-GREET 3.0 fuel specification of 109,786 Btu/gallon used to identify conversion rate for fuel energy consumption for worker trips specified above (California Air Resources Board [CARB] 2018). Low-sulfur Diesel CA-GREET 3.0 fuel specification of 127,460 Btu/gallon used to identify conversion rate for fuel energy consumption for construction equipment specified above (CARB 2018). Due to rounding, numbers may not add up precisely to the totals indicated.

Source: Appendix J

Operation

Operation of the project would result in energy demand from electricity consumption for lighting, fuel dispenser operation, and energy demand from gasoline consumption attributed to the daily trips to the fuel facility. The estimated number of daily VMT is used to determine the energy consumption associated with fuel use from the operation of the project. The project would result in a net increase in daily trips but a net decrease of 702 regional passenger VMT (Appendix D, Table 22), and a net increase in 360 daily truck VMT (Appendix E, combined from CalEEMod Table 5.9.1 in both "Novato Costco Custom Report, 2/4/2025" and "Novato Costco_Truck Trips Custom Report, 2/4/2025"), resulting in a net annual reduction in VMT of 124,830. This results in an overall decrease in gasoline consumption of 8,541 gallons per year due to the decrease in passenger VMT, and an increase in 18,771 gallons of diesel fuel per year due to an increase in truck VMT, for a net increase of 10,230 gallons of fuel per year. While overall fuel use would increase with the project, the project would not result in a wasteful use of fuel as the project would provide a local resource for Costco members to obtain fuel they would've otherwise have obtained in any case. Implementation of the project results in reduced vehicle miles traveled from passenger vehicles throughout the region, therefore, operation of the project would not result in an inefficient consumption of fossil fuel. The project would not use natural gas as an energy source, therefore no

increase in natural gas usage would occur as a result of the project. Project operation would require permanent grid connections for electricity. Approximately 80,641 kilowatt-hours of electricity per year, or 275 MMBtu, would be required from PG&E and would be used for lighting and fuel dispenser operation. The proposed fuel canopy would total approximately 10,244 square feet, which is an average energy use intensity of 0.0269 MMBtu per square foot[4]. Additionally, it should be noted that the project would participate in the PG&E's Solar Choice program, in which 100 percent of electricity consumed by the project will be from renewable sources. The size and engineering design of the canopy precludes the effective use of on-site solar. Coupled with the project being 100 percent electric and the use of PG&E's Solar Choice program, the project incorporates renewable energy to the extent feasible for the project.

The project would comply with the mandatory standards set in California Building Code (CBC) Title 24, which would minimize the wasteful, inefficient, or unnecessary consumption of energy resources during operation**.** CALGreen (CCR Title 24, Part 11) uniformly requires implementation of energy efficient light fixtures and building materials into the design of new construction projects. These mandatory standards ensure new construction does not result in wasteful, inefficient, or unnecessary consumption of energy.

Overall, project operation would result in consumption of fuels from vehicle trips and electricity from the fuel facility. Project energy consumed would represent an incremental increase in energy usage compared to existing conditions, but the project would implement energy-efficient components to reduce energy demand, including the installation of light-emitting diode lighting fixtures, as described in Section 2, *Project Description*. Therefore, operational energy impacts would be less than significant.

Conclusion

Construction of the project would be temporary and typical of similar projects and would not result in wasteful energy use. Project operation would increase energy use on the site compared to existing conditions. However, the energy use would be in conformance with the latest version of California's Green Building Standards Code and the California Building Code, and the project is not anticipated to increase overall demand for gasoline in the region, but rather redistribute demand from existing gas stations. Therefore, the project would not result in wasteful or unnecessary energy consumption, and impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

[4] Calculation: 275 MMBtu divided by 10,244 square feet = 0.0269 MMBtu per square foot.

Threshold 2:	Would the project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Impact GHG-2 THE PROPOSED PROJECT WOULD NOT CONFLICT WITH OR OBSTRUCT A STATE OR LOCAL PLAN FOR RENEWABLE ENERGY OR ENERGY EFFICIENCY. THEREFORE, IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Table 4.5-4 lists applicability to Novato's current CAP (City of Novato 2020) GHG Reduction Measures that are included as Appendix E to the City's General Plan 2035 energy efficiency goals and policies and summarizes the project's compliance with these policies. As shown in Table 4.5-4, the project would be consistent with applicable energy efficiency goals and policies from the City of Novato's current CAP (City of Novato 2020). Therefore, potential impacts associated with renewable energy and energy efficiency would be less than significant.

Table 4.5-4 Project Compliance with Energy Efficiency Goals and Policies

Energy Efficiency Goal or Policy	Project Consistency
Reduction Measure 11. *Cool Paving*: Require the use of high "albedo" material for future outdoor surfaces such as parking lots, median barriers, roadway improvements, and sidewalks in order to reduce the urban heat island effect and save energy.	**Consistent.** The fuel facility canopy would be constructed from lightly colored material, replacing the existing darker asphalt parking area. This would increase the albedo of the project site, consistent with this policy.
Reduction Measure 12. *Urban Forest*: Update landscaping requirements to ensure strategic placement of plantings to shade east and west walls of structures. Revise parking lot standards to maximize tree size, cover and growth to reduce heat gain and maximize greenhouse gas sequestration. Consider amending tree removal and replacement requirements to maximize tree cover and tree growth. Consider prohibiting trees with high biogenic emissions.	**Consistent.** While the project will remove 27 existing trees, the project would plant 36 replacement trees and the total amount of landscaping would increase by 6,086 square feet, including new vegetation and drainage management areas. The new landscaped area would be located along the southern and western boundary of the project site.
Reduction Measure 15. *Vehicle Idling:* Improve traffic flow and reduce VMT within the City.	**Consistent.** As described in Section 4.8, *Transportation*, operation of the project would reduce overall VMT associated with Costco members who are currently purchasing fuel at other fuel stations, including Costco fuel centers located outside Novato. Further, many Costco members will combine a stop at the fuel center with a trip already destined for the Costco Warehouse or Vintage Oaks Shopping Center thereby further reducing VMT.

Source: City of Novato 2009

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 3:	Would the project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?
Threshold 4:	Would the project conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

Impact GHG-3 THE PROJECT WOULD CONFLICT WITH AIR DISTRICT THRESHOLDS FOR GHG EMISSIONS AS THE PROJECT DOES NOT INCORPORATE THE TIER 2 VOLUNTARY REQUIREMENTS FOR ELECTRIC VEHICLE CHARGING STATIONS. THEREFORE, IMPACTS WOULD BE LESS THAN SIGNIFICANT WITH MITIGATION.

Project implementation would generate GHG emissions through the burning of fossil fuels or other emissions of GHGs, thus potentially contributing to cumulative impacts related to climate change.

The project emissions are shown in Table 4.5-5 for informational purposes only because there is not a quantitative emissions threshold. Table 4.5-5 provides the project's estimated construction and operational GHG emissions. Estimated GHG emissions would be approximately 580 MT CO_2e per year with the primary source of emissions from mobile sources (Appendix J).

Table 4.5-5 Combined Annual Emissions of Greenhouse Gases

Emission Source	Annual Emissions (CO_2e in metric tons)
Construction	
2024	95.8
2025	30.1
Total	**125.9**
Amortized[1]	4
Operational	
Area	<1
Energy	8
Solid Waste	5
Water	1
Mobile	692
Operational Subtotal	**705**
Total Combined[2]	**709**

[1] Construction activity would generate 126 MT CO_2e over the entire three-month construction period. Construction emissions were amortized over 30 years consistent with South Coast AQMP guidance, as the Air District has no guidance for no construction emissions.

[2] Total annual emissions are comprised of the sum of amortized construction emissions, all operational emissions, and mobile emissions.

Source: Appendix J

Applicable plans and policies to the project for reducing GHG emissions includes CARB's 2022 Scoping Plan, Plan Bay Area 2050, and the City's General Plan. The project would result in a potentially significant impact if it would conflict with these plans.

Project Consistency with 2022 Scoping Plan

The principal State plans and policies for reducing GHG emissions are SB 32 and AB 1279. The quantitative goal of SB 32 is to reduce GHG emissions to 40 percent below 1990 levels by 2030; and the goal of AB 1279 is to achieve net zero GHG emissions no later than 2045 and reduce GHG

emissions by 85 percent below 1990 levels no later than 2045. The 2022 Scoping Plan expands upon earlier plans to include the AB 1279 targets.

The Air District has determined criteria by which projects within the Air District's jurisdiction would be consistent with the 2022 Scoping Plan. Consistency with these criteria is discussed below. The project must be consistent with a verified local climate action plan or meet each of the following criteria.

a. Buildings
    1. The project will not include natural gas appliances or natural gas plumbing (in both residential and nonresidential development),
    2. The project will not result in any wasteful, inefficient, or unnecessary energy usage as determined by the analysis required under Public Resources Code Section 21100(b)(3) and Section 15126.2(b) of the *CEQA Guidelines*.

a. Transportation
    1. Achieve a reduction in project-generated VMT below the regional average consistent with the current version of the California Climate Change Scoping Plan (currently 15 percent) or meet a locally adopted Senate Bill 743 VMT target, reflecting the recommendations provided in the Governor's Office of Planning and Research's Technical Advisory on Evaluating Transportation Impacts in CEQA:
        - Residential projects: 15 percent below the existing VMT per capita
        - Office projects: 15 percent below the existing VMT per employee
        - Retail projects: no net increase in existing VMT
    2. Achieve compliance with off-street EV requirements in the most recently adopted version of CALGreen Tier 2.

As detailed in Impacts GHG-1 and GHG-2 above, the proposed project would not include natural gas appliances or plumbing and would not result in wasteful, inefficient, or unnecessary energy usage. Therefore, the project would be consistent with criterion a of the Air District's GHG thresholds.

As detailed in Section 4.8, *Transportation*, the project would result in a net decrease of 702 VMT. The proposed project would be required to comply with CalGreen measures with respect to electrical vehicle charging stations; however, the City does not require projects to comply with Tier 2 voluntary requirements concerning EV charging stations. Therefore, the proposed project would not be consistent with the Tier 2 voluntary requirements and would be deemed to be in conflict with the Air District thresholds of significance and thus with the 2022 Scoping Plan. As a result, GHG impacts would be significant without mitigation.

Project Consistency with Plan Bay Area 2050

Table 4.5-6 shows the proposed project's consistency with Plan Bay Area 2050. As shown therein, the proposed project would be consistent with Plan Bay Area 2050, and impacts would be less than significant.

Table 4.5-6 Project Consistency with Plan Bay Area 2050

Measure	Project Consistency
T8. Build a Complete Streets network. Enhance streets to promote walking, biking and other micro-mobility through sidewalk improvements, car-free slow streets, and 10,000 miles of bike lanes or multi-use paths.	**Consistent.** The proposed project would relocate an existing driveway on Vintage Way and would modify a segment of Vintage Way to include a left-turn pocket providing access to the relocated driveway. These modifications would result in the replacement of an approximately 200-foot segment of Class II bike lane with a Class III bicycle route. No removal of sidewalks or bicycle facilities would occur as a result of this change. Therefore, the project would not conflict with this measure.
EN4. Maintain urban growth boundaries. Using urban growth boundaries and other existing environmental protections, focus new development within the existing urban footprint or areas otherwise suitable for growth, as established by local jurisdictions.	**Consistent.** The project would maintain urban growth boundaries through infill development on an existing parking lot.
EN8. Expand clean vehicle initiatives. Expand investments in clean vehicles, including more fuel-efficient vehicles and electric vehicle subsidies and chargers.	**Consistent.** As discussed above under *Project Consistency with the 2022 Scoping Plan*, the project would be required to comply with CalGreen measures with respect to electrical vehicle charging stations which would expand the support for clean vehicle use within the region.

Source: Association of Bay Area Governments 2021

Project Consistency with City of Novato Climate Energy Resolution/Ordinance No. 1693

As detailed in Section 4.5.2, *Regulatory Setting*, the proposed project would be exempt from the ordinance prohibiting new gas stations as the project application was pending at the time the Ordinance was adopted. Therefore, the project would be consistent with the Ordinance.

Project Consistency with the City of Novato General Plan

Table 4.5-7 shows the proposed project's consistency with City of Novato's 2035 General Plan policies that are applicable to the proposed project. As shown therein, the proposed project would be consistent with the General Plan and impacts would be less than significant.

Table 4.5-7 Project Consistency with City of Novato 2030 General Plan

Measure	Project Consistency
ES 17: Clean Air. Work to protect and improve air quality. ES 17a: Clean Air Plan. Cooperate with the Bay Area Air Quality Management District in implementing the regional Clean Air Plan	**Consistent:** As discussed in detail in the Air Quality Section, the proposed project would be consistent with the Clean Air Plan.
ES 22: Trees on Private Property. Encourage and, where appropriate, require actions by private property owners to protect the health of native woodlands and trees.	**Consistent:** The proposed project would incorporate trees in the landscaping of the project consistent with what is currently onsite and consistent with City requirements.
ES 23: Trees in New Development. Require that the site planning, construction and maintenance of development preserve existing healthy trees and native vegetation on site to the maximum extent feasible. Replace trees and vegetation not able to be saved.	**Consistent:** The proposed project would incorporate trees in the landscaping of the project consistent with what is currently onsite and consistent with City requirements.

Measure	Project Consistency
ES 24: Emission Reduction Targets: Establish reduction targets for greenhouse gas emissions and actively implement local strategies to reduce the effects of climate change.	▪ **Consistent.** The 2030 General Plan incorporated a Climate Action Plan to foster the reduction of GHG emissions within the City with a goal of reducing emissions to the 2035 State reduction standards. The proposed project would not conflict with measure ES 24 with respect to meeting the 2035 reduction standards. The GHG reduction measures not specifically called out below are not applicable to the project due to the nature of the project. The Project would be consistent with the following GHG Reduction measures and therefore consistent with General Plan measure ES 24.. ▪ Measure E-6 (Clean Electricity) would be directly supported as the project would use PG&E's Solar Choice program, and the project would incorporate all renewable energy to the extent feasible ▪ Measure E-9 (Renewable Energy -community) would be supported by the project through incorporation of renewable energy into the project as required under Title 24. ▪ Measure 12 (Urban Forest) would be supported by planting 36 replacement trees and the total amount of landscaping would increase by 6,086 square feet, including new vegetation and drainage management areas. ▪ Measure 15 (Vehicle Idling) –The measure calls for improving traffic flow and reducing VMT within the City. This measure is supported as the project reduces Regional VM. ▪ Measure 17 (Low-Emission Vehicle Infrastructure) – Will be incorporated through Mitigation Measure GHG-3 which requires the incorporation of Title 24 Tier 2 Electric Vehicle Standards.
ES 25: Energy and Water Conservation: Increase energy and water efficiency and conservation in City buildings, equipment and operations. Promote energy and water conservation and building upgrades to the community	**Consistent.** While the project will remove 27 existing trees, the project would plant 36 replacement trees and the total amount of landscaping would increase by 6,086 square feet, including new vegetation and drainage management areas. The new landscaped area would be located along the southern and western boundary of the project site. The proposed project would be consistent with the 2022 Title 24 mandatory measures, which require energy efficiencies and water conservation measures be incorporated into the project. In addition, the project would reduce regional VMT by 702 VMT and would be provided 100 percent renewable energy through PG&E's Solar Choice program.
ES 26: On-site Energy Production. Support on-site renewable energy facilities that help reduce community energy demand.	**Not Applicable.** The fuel facility canopy is too small of a site to have enough area where implementation of solar on site would be beneficial to either the project or the grid as a whole. Therefore, the proposed project would not be required by the 2022 Title 24 Standards to incorporate renewable energy on site. Additionally, the project would be provided 100 percent renewable energy through PG&E's Solar Choice program.
ES 27: Solid Waste Reduction. Encourage solid waste reduction methods towards achieving an 80% diversion rate by 2025 and a 90% diversion rate by 2035.	**Consistent.** The solid waste reduction goals are for the local and State governments to achieve and not for individual projects. However, by following the required garbage collection rules of the City, the project would be consistent with the measures incorporated within the City to reduce waste delivered to landfills.

Source: City of Novato 2020

Mitigation Measures

The following mitigation measure would be required to address the significant impact discussed above.

GHG-3 Compliance with CalGreen Tier 2 Electric Vehicle Standards

Required EV charging stations may be included in the parking lot associated with the adjacent Costco store to further encourage use of these spaces. CalGreen Tier 2 standards stipulate that Table A5.106.5.3.2 shall be used to determine the number of EV capable spaces required. New EV spaces shall adhere to Section 5.106.5.3 of the CalGreen Tier 2 standards for design requirements. EV capable spaces and Electric Vehicle Charging Stations (EVCS) shall be installed pursuant to Table A5.106.5.3.1 of the CalGreen Tier 2 standards. During building permit review, the City shall calculate the number of required EV capable spaces and EVCS spaces, which shall meet the minimum CalGreen Tier 2 standards provided in Table A5.106.5.3.1. .

Significance After Mitigation

Implementation of Mitigation Measure GHG-3 requires that Tier 2 EV chargers be installed at the Costco gasoline facility or adjacent Costco store to better encourage the use of the EV charging stations. The implementation of Tier 2 electric chargers meets compliance with criterion b.2 of the Air District criteria by which projects within the Air District's jurisdiction would be consistent with the 2022 Scoping Plan. With implementation, the proposed project would not conflict with an applicable plan, policy or regulations adopted for the purpose of reducing the emissions of GHGs and the project would be less than significant.

4.5.4 Cumulative Impacts

a. Energy

The geographic scope for energy consumption impacts is Marin County. This geographic scope is appropriate for the cumulative analysis because of the county level scale at which energy consumption information is readily available.

Cumulative development in Marin County would increase demand for energy resources. These projects would also consume energy related to transportation (i.e., gasoline and diesel consumption for passenger vehicles, trucks, buses, and other vehicles), building energy, and construction. However, new iterations of the California Building Energy Efficiency Standards and CALGreen would require increasingly more efficient appliances and building materials that reduce energy consumption in new development. In addition, vehicle fuel efficiency is anticipated to continue improving through implementation of the existing Pavley regulations under AB 1493. Furthermore, the policies included in the General Plan would serve to minimize the potential for wasteful, inefficient, and unnecessary energy usage to occur as a result of future development. Therefore, cumulative energy impacts would not be significant. As described under Impact GHG-1, the proposed project would similarly adhere to energy efficiency requirements, and would therefore not result in a considerable contribution to cumulative energy impacts.

Projects throughout the state would be required to adhere to applicable renewable energy and energy efficiency laws, programs, and policies such as California's Renewables Portfolio Standard, AB 1493, and Title 24 standards. Cumulative projects would be required to adhere to the General Plan policies to mitigate energy impacts where feasible. In addition, all pending and future projects

would be reviewed for consistency with the General Plan or the general plan of the local jurisdiction (i.e., an incorporated city or county). Therefore, the cumulative impact would be less than significant. As discussed under Impact GHG-2, construction and operation of the project would be consistent with the energy-related goals and policies of the statewide plans; therefore, the project would not result in a considerable contribution to a significant cumulative impact with respect to consistency with renewable energy and energy efficiency plans. There is also no evidence to suggest that implementation of cumulative development would result in wasteful or inefficient use of energy, and the cumulative energy impact of past, present, and reasonably foreseeable future projects would be less than significant.

b. GHG

The geographic scope for related projects considered in the cumulative impact analysis for GHG emissions is global because impacts of climate change are experienced on a global scale regardless of the location of GHG emission sources. GHG emissions and climate change are, by definition, cumulative impacts. Thus, the issue of climate change involves an analysis of whether a project's contribution towards an impact is cumulatively considerable. Cumulative development could result in significant impacts related to GHGs. As discussed under Impact GHG-3, with implementation of Mitigation Measure GHG-3, GHG emissions from development of the project would be consistent with Air District's GHG thresholds for buildings and transportation. The analysis and conclusions under Impact GHG-3 are by nature the cumulative impacts discussion for GHG.

4.6 Hazards and Hazardous Materials

This section addresses impacts associated with exposure to hazards and hazardous materials from implementation of the proposed project. Specifically, this analysis addresses impacts related to hazardous materials use and transportation, the accidental release of hazardous materials, new development or re-development on contaminated sites, air traffic hazards, interference with emergency response and evacuation plans, and the risk of exposure to wildland fires.

4.6.1 Setting

a. Definition of Hazardous Materials

A material is considered hazardous if it appears on a list of hazardous materials prepared by a federal, state, or local agency, or if it has characteristics defined as hazardous by such an agency. A hazardous material is defined in California Health and Safety Code, Section 25501) as follows:

> A material…that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment, or a material specified in an ordinance adopted pursuant to paragraph (3). (California Health and Safety Code, Section 25501).

Hazardous materials include but are not limited to hazardous substances, hazardous waste, and any material that a handler or the administering agency has a reasonable basis for believing would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or environment. The release of hazardous materials into the environment can contaminate soils, surface water, and groundwater supplies through a variety of ways, including permitted or illicit use and accidental or intentional disposal or spillage.

b. Land Use Patterns

Small quantities of hazardous materials in Novato are routinely used, stored, and transported in commercial and retail businesses as well as in educational facilities, hospitals, and households. Hazardous materials users and waste generators in the City include businesses, public and private institutions, and households. Federal, state, and local agency databases maintain comprehensive information on the locations of facilities using large quantities of hazardous materials, as well as facilities generating hazardous waste. Some of these facilities use certain classes of hazardous materials that require accidental release scenario modeling and risk management plans to protect surrounding land uses.

Past and present land use patterns are good predictors of the potential for past contamination by hazardous materials and the current use and storage of hazardous materials. Industrial sites and certain commercial land uses, such as dry cleaners, are more likely to use and store large quantities of hazardous materials than residential land uses. Land use patterns are also useful for identifying the location of sensitive receptors, such as residences, schools, day-care facilities, hospitals, and nursing homes surrounding this project site.

The nearest public school is Lynnwood Elementary School, which is approximately 2,800 feet west of the project site. Private schools near the project site include Good Shepherd Lutheran School located 2,400 feet southwest of the site, and North Bay Christian Academy located 4,500 feet

northwest of the project site. Public educational services within Novato are provided by the Novato Unified School District (NUSD). These schools are not considered sensitive receptors because they are located more than 0.25 mile away from the project site.

c. Existing Hazardous Material Contamination

The United States Environmental Protection Agency (USEPA) describes household hazardous waste as leftover household products that can catch fire, react, explode under certain circumstances, or that are corrosive or toxic. Household hazardous wastes are similar to the operational project-related hazardous materials described above, and include products such as paints, cleaners, oils, batteries, and pesticides (USEPA 2023). The Geotechnical Report identified no soil or groundwater contamination within the project site (Appendix I).

The State Water Resources Control Board (SWRCB) GeoTracker website identifies Leaking Underground Storage Tanks (LUST) cleanup sites, Cleanup Program Sites (formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites), military sites, land disposal sites (landfills), permitted underground storage tank sites, Waste Discharge Requirement sites, Irrigated Lands Regulatory Program sites, and Department of Toxic Substances Control cleanup and hazardous waste permit sites. A search of the GeoTracker database was conducted on September 1, 2023 (SWRCB 2023a). In addition, the Department of Toxic Substances Control's (DTSC) EnviroStor database was searched on September 1, 2023, for cleanup sites in the City (DTSC 2023a). According to the database search, there are no sites with or potentially containing hazardous materials within 0.25 mile of the project site.

d. Airports and Aircraft Hazards

There are no public or private airports in Novato; however, the Gnoss Field Marin County Airport is located approximately 3.5 miles north of the project site near the Marin and Sonoma County border. A portion of Novato between San Marin Drive and Olive Street is inside the area of influence for the airport. The airport currently covers over 91.4 acres in unincorporated Marin County. In accordance with State law, the County of Marin and the City of Novato amended their respective general plans and zoning ordinances to incorporate the compatibility criteria and compatibility zones established by the Marin County Airport Land Use Commission (ALUC) for Gnoss Field Marin County Airport.

e. Wildland Fire Hazards

Many factors contribute to an area being at risk of structural fires in terms of local fire departments' capabilities to control them, including the construction size and type, built-in protection, density of construction, and street widths. The City's daytime population levels may also add to the congestion and difficulty of ingress and egress of emergency response vehicles. Older homes that were constructed prior to modern building standards and fire code requirements are more susceptible to urban fires.

Topography is an important factor in determining the level of wildland fire risk. Flat, urban areas generally present a lower probability risk of wildland fire compared to hilly, less developed areas. Novato is surrounded on three sides by wildland or agriculture, which makes the City vulnerable to fires. The California Department of Forestry and Fire Protection (CAL FIRE) determines a fire hazard severity zone based on the potential fire hazard that is expected to prevail there. Factors that are included in this determination include: fuel (material that can burn), slope, and weather. There are three zones, based on increasing hazard severity: moderate, high, and very high. Moderate hazard

zones are typically identified as either wildland areas supporting areas of typically low fire frequency and relatively modest fire behavior, or are developed/urbanized areas with a very high density of non-burnable surfaces including roadways, irrigated lawn/parks, and low total vegetation cover (less than 30 percent) that is highly fragmented and low in flammability (e.g., irrigated, manicured, managed vegetation). CAL FIRE has identified that the project site is not in a fire hazard severity zone and is located approximately 1.5 miles north of the nearest very high fire hazard severity zone (CAL FIRE 2023).

CAL FIRE works in cooperation with the Governor's Office of Emergency Services (OES), as well as neighboring state governments through a network of mutual aid agreements to fight wildland fires.

4.6.2 Regulatory Setting

f. Federal

United States Environmental Protection Agency

The USEPA is the agency primarily responsible for enforcement and implementation of federal laws and regulations pertaining to hazardous materials. Applicable federal regulations pertaining to hazardous materials are contained in the Code of Federal Regulations (CFR) Titles 29, 40, and 49. Hazardous materials, as defined in the CFR, are listed in 49 CFR 172.101. The management of hazardous materials is governed by the following laws:

- Resource Conservation and Recovery Act of 1976 (RCRA) (42 United States Code [USC] 6901 et seq.); Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA, also called the Superfund Act) (42 USC 9601 et seq.)
- Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) (7 USC 136 et. Seq.)
- Superfund Amendments and Reauthorization Act of 1986 (Public Law 99 499)

These laws and associated regulations include specific requirements for facilities that generate, use, store, treat, and/or dispose of hazardous materials. USEPA provides oversight and supervision for Federal Superfund investigation/remediation projects, evaluates remediation technologies, and develops hazardous materials disposal restrictions and treatment standards.

The Federal Toxic Substances Control Act (1976) and the Resource Conservation and Recovery Act of 1976

These acts established a program administered by the USEPA for the regulation of the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA was amended in 1984 by the Hazardous and Solid Waste Act (HSWA), which affirmed and extended the "cradle to grave" system of regulating hazardous wastes. Among other things, the use of certain techniques for the disposal of some hazardous wastes was specifically prohibited by HSWA.

The Federal Insecticide, Fungicide, and Rodenticide Act

FIFRA (7 USC 136 et seq.) provides Federal control of pesticide distribution, sale, and use. USEPA was given authority under FIFRA not only to study the consequences of pesticide usage, but also to require users (farmers, utility companies, and others) to register when purchasing pesticides. Later amendments to the law required users to take exams for certification as applicators of pesticides. All pesticides used in the United States must be registered (licensed) by the USEPA. Registration

ensures that pesticides are properly labeled and that, if used in accordance with specifications, do not cause unreasonable harm to the environment.

The Comprehensive Environmental Response, Compensation and Liability Act (enacted 1980), amended by the Superfund Amendments and Reauthorization Act (1986)

This law provides broad federal authority to respond directly to releases or threatened releases of hazardous substances that may endanger public health or the environment. Among other things, CERCLA established requirements concerning closed and abandoned hazardous waste sites, provided for liability of persons responsible for releases of hazardous waste at these sites, and established a trust fund to provide for cleanup when no responsible party could be identified. CERCLA also enabled revision of the National Contingency Plan, which provided the guidelines and procedures needed to respond to releases and threatened releases of hazardous substances, pollutants, or contaminants. The National Contingency Plan also established the National Priorities List.

Emergency Response Plans

Homeland Security Presidential Directive 5 identifies steps for improved coordination in response to incidents and requires a National Response Plan and a National Incident Management System (NIMS). NIMS is a comprehensive, national approach to incident management developed to improve the coordination of federal, State and local emergency response nationwide. The State of California's NIMS Advisory Committee issued "California Implementation Guidelines for the National Incident Management System" to assist local governments and other entities to incorporate NIMS into already existing programs, plans, training, and exercises.

The foundation of California's emergency planning and response is a statewide mutual aid system which is designed to ensure that adequate resources, facilities, and other support is provided to jurisdictions whenever their own resources prove to be inadequate to cope with a given situation. In an emergency, governmental response is an extension of responsibility and action, coupled with normal day-to-day activity. Normal governmental duties will be maintained, with emergency operations carried out by those agencies assigned specific emergency functions.

The California Disaster and Civil Defense Master Mutual Aid Agreement (California Government Code Section 8555–8561) requires signatories to the agreement to prepare operational plans to use within their jurisdiction, and outside their area. These plans include fire and non-fire emergencies related to natural, technological, and war contingencies. The State of California, all state agencies, all political subdivisions, and all fire districts signed this agreement in 1950.

California Government Code Section 8568, the "California Emergency Services Act," states that "the State Emergency Plan shall be in effect in each political subdivision of the state, and the governing body of each political subdivision shall take such action as may be necessary to carry out the provisions thereof." The Act provides the basic authorities for conducting emergency operations following the proclamations of emergencies by the Governor or appropriate local authority, such as a City Manager. The provisions of the act are further reflected and expanded on by appropriate local emergency ordinances. The Act further describes the function and operations of government at all levels during extraordinary emergencies, including war.

All local emergency plans are extensions of the State of California Emergency Plan. The State Emergency Plan conforms to the requirements of California's Standardized Emergency Management System (SEMS), which is the system required by Government Code 8607(a) for managing emergencies involving multiple jurisdictions and agencies (Cal OES 2017). The SEMS incorporates the functions and principles of the Incident Command System, the Master Mutual Aid Agreement, existing mutual aid systems, the operational area concept, and multi-agency or inter-agency coordination (Cal OES 2017). Local governments must use SEMS to be eligible for funding of their response-related personnel costs under state disaster assistance programs (Cal OES 2017). The SEMS consists of five organizational levels that are activated as necessary, including: field response, local government, operational area, regional, and state. The State of California Governor's Office of Emergency Services divides the state into six mutual aid regions. The City of Novato is located in Mutual Aid Region II, which includes Del Norte, Humboldt, Mendocino, Sonoma, Lake, Napa, Marin, Solano, Contra Costa, San Francisco, San Mateo, Alameda, Santa Clara, Santa Cruz, San Benito, and Monterey Counties (Cal OES 2017).

The 2018 Marin County Multi-Jurisdictional Local Hazard Mitigation Plan (MCM LHMP) (County of Marin 2018) was adopted by the Novato City Council in February 2019. There is currently a process in place to update and adopt the 2023 MCM LHMP. The MCM LHMP assesses risks posed by natural hazards and develops a strategy for reducing the County's risks, in accordance with the Disaster Mitigation Act of 2000.

g. State

Department of Toxic Substances Control

As a department of the California Environmental Protection Agency, the DTSC is the primary agency in California that regulates hazardous waste, cleans up existing contamination, and looks for ways to reduce the hazardous waste produced in California. DTSC regulates hazardous waste in California primarily under the authority of RCRA and the California Health and Safety Code.

DTSC also administers the California Hazardous Waste Control Law to regulate hazardous wastes. While the Hazardous Waste Control Law is generally more stringent than RCRA, until the USEPA approves the California program, both state and federal laws apply in California. The Hazardous Waste Control Law lists 791 chemicals and approximately 300 common materials that may be hazardous; establishes criteria for identifying, packaging, and labeling hazardous wastes; prescribes management controls; establishes permit requirements for treatment, storage, disposal, and transportation; and identifies some wastes that cannot be disposed of in landfills.

Government Code Section 65962.5 requires the DTSC, the State Department of Health Services, the SWRCB, and CalRecycle to compile and annually update lists of hazardous waste sites and land designated as hazardous waste sites throughout the state. The Secretary for Environmental Protection consolidates the information submitted by these agencies and distributes it to each city and county where sites on the lists are located. Before the lead agency accepts an application for any development project as complete, the applicant must consult these lists to determine if the site at issue is included.

If any soil is excavated from a site containing hazardous materials, it would be considered a hazardous waste if it exceeded specific criteria in Title 22 of the California Code of Regulations. Remediation of hazardous wastes found at a site may be required if excavation of these materials is performed, or if certain other soil disturbing activities would occur. Even if soil or groundwater at a contaminated site does not have the characteristics required to be defined as hazardous waste,

remediation of the site may be required by regulatory agencies subject to jurisdictional authority. Cleanup requirements are determined on a case-by-case basis by the agency taking jurisdiction.

Hazardous Waste Control Act

The hazardous waste management program enforced by DTSC was created by the Hazardous Waste Control Act (California Health and Safety Code Section 25100 et seq.), which is implemented by regulations described in California Code of Regulations Title 26. The State program is similar to, but more stringent than, the Federal program under RCRA. The regulations list materials that may be hazardous, and establish criteria for their identification, packaging, and disposal. Environmental health standards for management of hazardous waste are contained in California Code of Regulations Title 22, Division 4.5. In addition, as required by California Government Code Section 65962.5, DTSC maintains a Hazardous Waste and Substances Site List for the State called the Cortese List.

California Fire and Building Code (2022)

The 2022 Fire and Building Code establishes the minimum requirements consistent with nationally recognized good practices to safeguard the public health, safety, and general welfare for the hazards of fire, explosion, or dangerous conditions in new and existing buildings, structures, and premises, and to provide safety and assistance to firefighters and emergency responders during emergency operations. The provisions of this code apply to the construction, alteration, movement enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal, and demolition of every building or structure or any appurtenances connected or attached to such building structures throughout the State of California.

California Occupational Safety and Health Administration Regulations, Section 2540.7 Motor Fuel Dispensing Facilities and Service Stations

The California Occupational Safety and Health Administration regulations provided by the Department of Industrial Relations defines and sets forth safety orders regarding storage and service of motor fuel dispensing facilities. An area may be classified as nonhazardous if it is determined that flammable liquids having a flashpoint below 38°C (100°F), such as gasoline, will not be handled. If an area is deemed hazardous, Title 24, Part 3, California Electrical Code, Article 514 shall be used to delineate classified locations for electrical installations.

California Fire Code, Section 3803.7 Liquefied Petroleum Gases

Section 3803.7 of Chapter 38 of the California Fire Code states that liquefied petroleum gases shall not be released to the atmosphere.

h. Local

Marin County Multi-Jurisdictional Local Hazard Mitigation Plan

The MCM LHMP was developed in 2018 to assess risk posed by natural hazards and to develop a mitigation strategy for reducing the County's risks in accordance with the requirements of the Disaster Mitigation Act of 2000. The MCM LHMP replaces the County LHMP that was approved by the Federal Emergency Management Agency on August 29, 2013, and will serve as the current

LHMP for all participating jurisdictions. The City of Novato is currently participating in an update of the MCM LHMP, which is a component of the General Plan.

County of Marin Agricultural Commissioner

The regulation of pesticide storage, application, and waste disposal is under the jurisdiction of the County Agricultural Commissioner; the Commissioner implements the California Environmental Protection Agency Department of Pesticide Regulation program. Since 1990 the Commissioner's office has compiled reports required of farmers and other users of agricultural pesticides which provide complete, site-specific documentation of every pesticide application. These requirements include pesticides used on crops, parks, golf courses, cemeteries, rangeland and pastures, and along roadside and railroad rights-of-way. The reports are transferred to the Department of Pesticide Regulation and entered into a statewide database.

Marin County Environmental Health and Safety Department

The Marin County Environmental Health and Safety Department protects health, prevents disease, and promotes health for all persons in Marin County. The department has programs that employ strategies to prevent health hazards.

City of Novato 2035 General Plan

The City of Novato 2035 General Plan, Great Places Chapter, contains the following policy related to hazards and hazardous materials that are applicable to the project:

Goal CC 2: Promote high-quality and sustainable development.

- **CC 4: Environmental Constraints.** Assess environmental constraints when considering development of lands with high environmental value (e.g., wetlands or scenic ridgelines) or significant hazards (e.g., soil stability, fire or flood hazards).

The City of Novato 2035 General Plan, A City That Works Chapter, contains the following goals and policies related to hazards and hazardous materials that are applicable to the project:

Goal SH 1: Maintain high levels of public safety and emergency preparation.

- **SH 1: Seismic and Geologic Hazards.** Reduce the risk of loss of life, personal injury and property damage resulting from seismic and geologic hazards including ground shaking, land sliding, liquefaction and slope failure.
- **SH 2: Flood Hazards.** Reduce the risk of loss of life, personal injury and property damage resulting from flooding by properly maintaining storm drainage systems, natural flood control channels and waterways and regulating runoff from new construction and development projects. Encourage flood control measures that retain the natural features and conditions of watercourses to the maximum feasible extent.
- **SH 3: Fire Hazards.** Reduce the risk of loss of life, personal injury and property damage resulting from wildland and urban fire hazards through code enforcement and coordination with the Novato Fire Protection District.
    - *SH 3a: Fire Risk in New Development.*
        1. Review all development proposals for fire risk, and require mitigation measures to reduce the probability of fire. Require all new development and substantial remodels to meet the adopted state and local fire codes. Refer all applications for new development

that is subject to NFPD regulation to the District for review, comment and conditions of approval.

2. Encourage attractive native and drought-tolerant, low-maintenance landscaping responsive to fire hazards.
3. Require adequate access for emergency vehicles, adequate street width and vertical clearance, driveway access and parking restrictions for new development.
4. Ensure new development meets the peak load water supply standard for fire hydrants of the Novato Fire Protection District.
5. All development that includes private access roads or fire roads shall provide recorded access rights and keys to any gates to the Novato Fire Protection District.

- *SH 3b: Fire Sprinklers.* Continue to enforce the Fire Safety Ordinance requirements for sprinkler systems for new commercial/industrial and residential development and substantial remodels.
- *SH 3f: Fire Hazard Mitigation.* Actively implement the applicable elements of the Novato Fire Protection District All Hazards Mitigation Program.

- **SH 5: Hazardous Materials.** Minimize risks and health impacts from environmental and human-induced disasters.
  - *SH 5a: Measures to Reduce Hazards.* Consider measures to protect the public health from the hazards associated with the transportation, storage, and disposal of hazardous wastes. Continue to refer land use and transportation decisions and other programs involving hazardous materials regulations to the appropriate regulatory agencies.

- **SH 7: Emergency Management.** Minimize exposure to all hazards through emergency management, planning and training.

4.6.3 Impact Analysis

a. Methodology and Thresholds of Significance

This section describes the potential environmental impacts of the proposed project relevant to hazards and hazardous materials. The impact analysis is based on an assessment of baseline conditions for project site, including locations of hazardous materials use and storage, existing contaminated sites, air traffic hazards, emergency response and evacuation plan requirements, and the risk of exposure to wildland fires, as described in Section 4.6.1, *Setting*. This analysis identifies potential impacts based on the predicted interaction between the affected environment and construction, operation, and maintenance activities related to the construction and operation that would occur under the proposed project. This section describes impacts in terms of location, context, duration, and intensity.

The following thresholds of significance are based on Appendix G of the *CEQA Guidelines*. For the purposes of this EIR, implementation of the proposed project may have a significant adverse impact if it would do any of the following:

1. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials;

2. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment;
3. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school;
4. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would create a significant hazard to the public or the environment;
5. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, result in a safety hazard for people residing or working in the project area;
6. For a project within the vicinity of a private airstrip, result in a safety hazard for people residing or working in the project area;
7. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan; and/or
8. Expose people or structures to a significant risk of loss, injury, or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands.

b. Project Impacts and Mitigation Measures

Threshold 1:	Would the project create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?
Threshold 2:	Would the project create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Impact HAZ-1 THE PROJECT WOULD NOT CREATE A SIGNIFICANT HAZARD TO THE PUBLIC OR THE ENVIRONMENT THROUGH THE ROUTINE TRANSPORT, USE, OR DISPOSAL OF HAZARDOUS MATERIALS OR THROUGH REASONABLY FORESEEABLE UPSET AND ACCIDENT CONDITIONS INVOLVING THE RELEASE OF HAZARDOUS MATERIALS INTO THE ENVIRONMENT. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Construction

Project construction would require the use of heavy equipment and machinery, such as trucks and pavers, the operation of which could result in a spill or accidental release of hazardous materials, including fuels, engine oil, engine coolant, and lubricants. The transport, storage, labeling, use and disposal of any hazardous materials would be subject to federal, state, and local regulations, which would minimize risks associated with hazardous materials used during construction. Therefore, the potential to create a significant hazard to the public or environment from the use of fuels, engine oil, engine coolant, and lubricants during construction would be less than significant. Additionally, the National Pollutant Discharge Elimination System (NPDES) permit requirements would ensure that impacts related to hazardous materials from spills would be reduced through the Construction General Permit BMPs, including use of straw wattles and other features. The project would not create a hazard through use or release of hazardous materials during construction; therefore, impacts pertaining to construction of the project would be less than significant.

Operation

Operation of the gas station would include the use, transport, and handling of hazardous materials. Specifically, operation would include the regular transportation of gasoline, refilling USTs, pumping gasoline to fuel dispensers, and use of the fuel dispensers by motorists. The proposed project could result in potentially adverse impacts to people and the environment as a result of hazardous materials being accidentally released into the environment (e.g. operators or motorists could spill gasoline while refueling, USTs or pipes dispensing fuel from USTs could leak, automobiles could crash into fuel dispensers, or motorists could refuel while having engine running causing a fire hazard).

However, the proposed project would be required to operate in compliance with all applicable federal, state, and local requirements which lessen the potential for these impacts. Some of these regulations include:

- SWRCB Health and Safety Code, Section 25284.1, requires USTs installed after 1988 to have a leak detection system consisting of at least one of the following detection methods: secondary containment with interstitial monitoring, automatic tank gauging systems (including continuous automatic tank gauging systems), vapor monitoring (including tracer compound analysis), groundwater monitoring, statistical inventory reconciliation, or other method meeting established performance standards.
- Efficacy requirements established by USEPA require that leak detection methods be able to detect certain leak rates and that they also give the correct answer consistently. In general, methods must detect the specified leak rate with a probability of detection of at least 95 percent and a probability of false alarm of no more than 5 percent. USEPA found that, with effective leak detection, operators can respond quickly to signs of leaks and minimize the extent of environmental damage and the threat to human health and safety.
- USTs and associated fuel delivery infrastructure (i.e., fuel dispensers) would be required to comply with applicable federal, state, and local regulations, including those provisions established by Section 2540.7, Motor Fuel Dispensing Facilities and Service Stations, of the California Occupational Safety and Health Administration Regulations; Section 3803.7, Liquefied Petroleum Gases, of the California Fire Code; and the Resource Conservation and Recovery Act.
- The proposed project would also be required to incorporate high-efficiency Phase I and Phase II enhanced vapor recovery (EVR) systems to capture and control gasoline fumes. EVR refers to a new generation of equipment to control emissions at gasoline dispensing facilities in California. EVR systems collect gasoline vapors that would otherwise escape into the atmosphere during bulk fuel delivery (Phase I) or fuel storage and vehicle refueling (Phase II). Since 2009, the installation of Phase I and Phase II EVR systems has been required for gasoline dispensing facilities.
- The fuel dispensers, USTs, and associated fuel delivery infrastructure would be subject to routine inspection by federal, state, and local regulatory agencies with jurisdiction over service station facilities.
- The handling, transport, use, and disposal of hazardous materials must comply with applicable federal, state, and local agencies and regulations.

In addition, the project, as presented in Costco's Fueling Facility Program (Appendix B) includes environmental safeguards/design features including:

- Employees would be trained to identify maintenance requirements and physically inspect the fuel islands regularly during operating hours. Their training would include the proper spill cleanup and emergency response procedures. Trained employees check for leaking hoses, malfunctioning nozzles, fuel spills, and physical damage to the dispensers and controller enclosure. During non-operating hours, the power to the dispensers is turned off and each nozzle pad is locked. Should the system require attention beyond what the trained site person could handle, the local authorized and certified service contractor would be contacted and dispatched to repair the equipment.
- Emergency shutoff switches would be installed next to the controller enclosure and in locations near the dispensers, as dictated by the fire code. In addition, the facility would be equipped with a "911" telephone that automatically contacts emergency dispatch in addition to a regular telephone line and roam phones.
- The tank and piping monitoring system would be programmed to activate visual/audible alarms in the event of an alarm condition. A visual/audible alarm would be located on the outside of the controller enclosure and a visual/audible alarm would be located in the Costco Warehouse entry/exit area. Further, the monitoring system would be designed so that if power is lost to the monitoring console the facility is shut down and will not operate.
- Certification of the tank and piping system to meet the Federal UST leak detection standards of 95 percent probability of detection and five percent probability of false alarm. Certification of the system by SWRCB under LG-113.
- Utilize durable joint sealers to seal concrete control joints. Prevention Technologies, Inc (PTi) sealer is a petroleum-resistant sealant developed by PTi. The sealer is used to prevent petroleum products from entering the underlying soil at the concrete joints. The elasticity allows the product to maintain a tight seal even with concrete expansion.
- The underground tank and piping control units would be housed inside the controller enclosure. The enclosure would contain the power console, the dispenser interface unit, the submersible pump variable speed controllers, and the monitoring system console. An air conditioner mounted on the side of the enclosure would have a preset thermostat to maintain a safe operating temperature.
- The USTs and all containment sumps, including the dispenser sumps would be constructed with double-walled fiberglass. Fiberglass is used for its corrosion resistance and plasticity. The double-walled storage tank system includes a hydrostatic interstitial space sensor that monitors the primary and secondary tank walls. If a tank wall is compromised, the interstitial sensor would immediately shut down the product delivery system and activate a visual/audible alarm.
- The tanks would be secured in place with anchoring straps (tie-downs) connected to concrete hold down deadmen. The entire tank excavation hole would be backfilled with pea gravel and capped with an 8-inch-thick reinforced concrete slab (overburden). The tie-downs, together with the overburden, overcome any possible buoyancy factors and resist buckling under hydrostatic pressures.
- All product, vapor, and vent piping would be non-corrosive and provide three levels of protection. First, all product piping would be monitored with pressure line leak detection. Second, all piping would be double walled to provide secondary containment. Third, all fiberglass piping would be additionally monitored under vacuum per California AB 2481 regulations such that if a breach is detected in the vacuum, the product delivery system shut down and sound an audible alarm.

- All piping connections to the tanks and dispensers would be flexible. Flexible connectors are used to prevent rupture from any form of ground movement.
- All piping would slope to the sumps at the USTs. If a piping leak occurs, the gasoline would flow through the secondary pipe to the sump, where a sensor would be triggered to immediately shut down the system and activate an audible/visual alarm.
- All tanks and dispensers would be equipped with the latest Phase I and Phase II EVR air pollution control equipment technology per CARB regulations and associated Executive Orders. Phase I EVR equipment controls the vapors in the return path from the tanks back to the tanker truck during offloading filling operations. Stage I EVR systems are 98 percent effective in controlling fugitive emissions from escaping into the environment. Phase II EVR equipment controls the vapors in the return path from the vehicles back to the tanks and are 95 percent effective in controlling fugitive emissions from escaping into the environment.
- The UST monitoring system would incorporate automatic shutoffs. If gasoline is detected in the sump at the fuel dispenser, the dispenser would shut down automatically and an alarm sounded. If a problem is detected with a tank, the tank would be automatically shut down and an alarm sounded. If the product piping system detects a failure of the 0.1 gallons per hour test, the line would be automatically shut down and the alarm sounded. Pursuant to federal requirements, monitoring equipment must be able to detect a minimum leak of 3 gallons per hour (equivalent to the accuracy of a mechanical leak detector). Proposed monitoring equipment would detect leaks at 0.1 gallons per hour.
- Each fuel dispenser would include several safety devices. Specifically, each dispenser sump would be equipped with an automatic shutoff valve to protect against vehicle impact. In addition, each fuel hose would include a poppeted breakaway device that will stop the flow of fuel at both ends of the hose in the event of an accidental drive-off. Also, each dispenser would be equipped with internal fire extinguishers. Lastly, all dispensers would include leak detection sensors connected to the alarm console inside the controller enclosure.

Implementation of the protections and regulations in conjunction with design features would maximize the proactive measures taken to minimize the need for reactive measures should an accident or hazard occur during operation of the proposed project. Best management practices are evaluated and align with permit requirements for travel, storage, use, and disposal of hazardous materials. Operational accidents were also considered and preventative measures are incorporated into the design guidelines to minimize public exposure. Therefore, public exposure to hazardous materials through routine use or accidents during construction and operation would result in a less than significant impact.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 3:	Would the project emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school?

Impact HAZ-2 THE PROJECT WOULD NOT EMIT HAZARDOUS EMISSIONS OR HANDLE HAZARDOUS OR ACUTELY HAZARDOUS MATERIALS, SUBSTANCES, OR WASTE WITHIN 0.25 MILE OF AN EXISTING OR PROPOSED SCHOOL. THERE WOULD BE NO IMPACT.

The nearest public school is Lynnwood Elementary School, 2,800 feet west of the project site. The nearest private school is Good Shepherd Lutheran School, 2,400 feet southwest of the project site. There are no schools nor proposed schools within 0.25 mile of a hazardous materials site. Therefore, there would be no impact.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

There would be no impact.

Threshold 4:	Would the project be located on a site that is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

Impact HAZ-3 ALTHOUGH THE PROJECT IS LOCATED ON A SITE THAT IS INCLUDED ON A LIST OF HAZARDOUS MATERIAL SITES COMPILED PURSUANT TO GOVERNMENT CODE SECTION 65962.5, THERE ARE NO KNOWN HAZARDOUS MATERIALS ISSUES ASSOCIATED WITH HISTORICAL USES OF THE PROJECT SITE. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Pursuant to Government Code 65962.5, the following databases were reviewed to identify if the project site is a listed hazardous materials site:

- DTSC EnviroStor (DTSC 2023a) pursuant to Section 65962.5(a)(4);
- SWRCB GeoTracker (SWRCB 2023a) pursuant to Section 65962.5(c)(1);
- List of solid waste disposal sites (SWRCB 2023b) pursuant to Section 65962.5(c)(2); and
- List of "active" CDO and CAO (SWRCB 2023c) pursuant to Section 65962.5(c)(3).

The project site is listed on a Section 65962.5 hazardous materials lists as Costco Wholesale #141, Novato (ID: 71003434) and is designated as "No Further Action as of 6/19/2024" in the EnviroStor database. The site type is listed as "tiered permit," with three documents located on the DTSC EnviroStor website[1] that indicate the following:

- A photofinishing lab was permitted for a silver recovery system onsite in 1996 (DTSC 1996a),
- A '*Tiered Permitting Phase I Environmental Assessment Checklist'* indicating no further investigation was necessary was completed in December 1996 (DTSC 1996b), and
- Costco replaced their silver recovery system with a metallic replacement cartridge system in May 1997 (Costco 1997).

[1] These three documents were added to the EnviroStor website following several phone calls to DTSC staff requesting additional documentation regarding the inactive tiered permit listing (Yuen 2024).

Therefore, although the project site is listed on the DTSC EnviroStor database, there is no documentation of known hazardous materials release issues associated with the site resulting from historical uses of the project site. Per discussion with a DTSC representative, DTSC will be reviewing this inactive permit for closure (Yuen 2024). The site status was updated on June 19, 2024, to specify that no further action is needed (DTSC 2024).

Costco Wholesale is also listed as a large-quantity hazardous waste generator (1,000 kilograms or more of hazardous waste produced per month) on DTSC's Hazardous Waste Tracking System (HWTS) database (City of Novato 2014). In 2018, Costco generated 2.3 tons of hazardous waste (DTSC 2023b). As a large-quantity generator of hazardous waste, Costco is required to comply with hazardous waste management requirements in 40 CFR 262.17(a)(1-4), 40 CFR 265(W), and 40 CFR 265 (DD); hazardous waste manifest requirements in 40 CFR 262 (B) and 40 CFR (262.30-33); and hazardous waste emergency procedure requirements in 40 CFR 262(M) and 40 CFR 268. The database listing associated with the HWTS permit does not indicate a known or suspected release of hazardous substances (DTSC 2023b).

The site (300 Vintage Way – Marin County Flood Control) is also listed by HWTS as an area where illegal dumping occurred in July 2019; however, the record has been inactive as of October 2019, three months after the action was reported (DTSC 2020). The illegally dumped materials were removed and transported to an appropriate disposal facility in August 2019 thereby resolving the matter (DTSC 2019).

A search of the SWRCB GeoTracker and DTSC EnviroStor databases was performed on September 11, 2023, and revealed that no other hazardous materials sites are within 1,000 feet of the project sites (SWRCB 2023a; DTSC 2023a). Hazardous impacts pursuant to Government Code Section 65962.5 would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 5:	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

Impact HAZ-4 THE PROJECT WOULD NOT RESULT IN A SAFETY HAZARD OR EXCESSIVE NOISE FOR PEOPLE RESIDING OR WORKING IN THE PROJECT AREA. THERE WOULD BE NO IMPACT.

Gnoss Field, the nearest airport, is located approximately 3.2 miles north of the project site. The project site is not within the Gnoss Field area of influence identified in the airport land use plan (County of Marin 1991). Therefore, the project would not expose people residing or working in the project area to airport-related safety hazards or excessive noise. There would be no impact.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

There would be no impact.

Threshold 6:	Would the project impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

Impact HAZ-5 THE PROJECT WOULD NOT IMPAIR IMPLEMENTATION OF OR PHYSICALLY INTERFERE WITH AN ADOPTED EMERGENCY RESPONSE PLAN OR EMERGENCY EVACUATION PLAN. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Novato is a participant in the MCM LHMP (2018). The project would not interfere with this adopted emergency response plan or the City's emergency evacuation plan since the project site and surrounding roads (including Rowland Boulevard and Vintage Way) is not an element of any emergency plan or any evacuation route. The fuel center would be completely located on private property and would not impair movement on Vintage Way or Rowland Boulevard. No roads in the vicinity of the project site would be closed as a result of the project. All construction would occur on site with the exception of re-striping of Vintage Way to add a left turn lane into the fuel center. Restriping of Vintage Way would require temporary traffic controls on Vintage Way and would not be anticipated to interfere with any emergency response. Impacts related to emergency response plans would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 7:	Would the project expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?

Impact HAZ-6 THE PROJECT WOULD NOT EXPOSE PEOPLE OR STRUCTURES, EITHER DIRECTLY OR INDIRECTLY, TO A SIGNIFICANT RISK OF LOSS, INJURY, OR DEATH INVOLVING WILDLAND FIRES. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

The project would not expose people or structures to a significant risk involving wildland fires. The project site is adjacent to existing urban development and is classified as a Local Responsibility Area, where responsibility for fire protection falls on the Novato Fire Protection District, rather than the state or federal government. The project site does not fall within a very high fire hazard severity zone. The nearest very high fire hazard severity zone is located approximately 1.4 miles southwest of the site (CAL FIRE 2023). The project site is not located in the wildland-urban interface, an area subject to high fire hazard, as mapped by the Novato Fire Protection District (Novato Fire Protection District 2020). Furthermore, the proposed project would comply with the applicable fire safety provisions of the California Building Code, thereby reducing the risk of damage from fire to the maximum extent practicable. Impacts pertaining wildland fires would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

4.6.4 Cumulative Impacts

The geographic scope for cumulative hazardous materials impacts is limited to projects within 0.25 mile of the project site. This geographic scope is appropriate because risks associated with hazards and hazardous materials occur largely in a site-specific and localized context as adverse impacts from a hazardous materials release or spill diminish in magnitude with distance. Cumulative buildout in this region, including projects listed in Table 3-1, would have the potential to adversely impact hazards and hazardous materials.

Cumulative development in the city would gradually increase population and therefore gradually increase the number of people exposed to the use and transport of hazardous materials; the routine use, storage, and disposal of hazardous materials; and existing contamination from listed hazardous materials sites. The magnitude of hazards for individual projects would depend upon the location, type, and size of development and the specific hazards associated with individual sites. Compliance with existing laws and regulations, including any potential remedial action on contaminated sites and emergency response and evacuation plans would avoid potential hazard impacts, resulting in a less than significant cumulative impact. As discussed under Impacts HAZ-1 through HAZ-5, the project would result in less than significant impacts, and would therefore not make a cumulatively considerable contribution to any significant cumulative impact related to hazards and hazardous materials.

Cumulative wildland fire impacts would be less than significant because the project site and the surrounding flat areas are built-up urban land not located in a Fire Hazard Severity Zone. As discussed under Impact HAZ-6, the project would not increase risk of loss, injury or death due to a wildland fire, and would therefore not make a cumulatively considerable contribution to any significant cumulative wildland fire impacts.

Overall, hazards and hazardous materials impacts associated with individual developments are site-specific in nature and must be addressed on a case-by-case basis. Since hazards and hazardous materials are required to be examined as part of the permit application and review process, potential impacts associated with individual projects would be adequately addressed prior to permit approval. With adherence to existing regulatory standards for hazardous materials, no significant cumulative human health impacts would occur, and the project would not make a cumulatively considerable contribution to any significant cumulative impacts related to hazards and hazardous materials.

4.7 Hydrology and Water Quality

This section evaluates the potential environmental effects related to hydrology and water quality associated with implementation of the proposed project. It discusses the regional and local watershed characteristics, including water quality, drainage and infiltration patterns, and flood hazards. The analysis includes a review of surface water, groundwater, flooding (including inundation related to sea level rise), storm water, and water quality. For an analysis of wetlands and waters of the U.S., please refer to Section 4.2, *Biological Resources*.

4.7.1 Setting

The City of Novato is located in northern Marin County, approximately 30 miles north of downtown San Francisco and approximately one mile north of the City of San Rafael. Novato is in the Coast Ranges geomorphic province. This province is characterized by parallel northwest-trending mountain ranges and valleys, formed over the past 10 million years or less by active uplift related to complex tectonics of the San Andreas fault/plate boundary system (California Geological Survey 2002). Novato generally is bounded by Burdell Mountain to the north, San Pablo Bay to the east, Big Rock Ridge to the south and southwest, and Little Mountain to the west (United States Geologic Survey [USGS] 2023a). Further west, Bolinas Ridge runs southeast to northwest, parallel to the Pacific Ocean (USGS 2023a). Approximately 20 miles northeast of the city, Napa Valley runs southeast to northwest, parallel to Highway 29 (USGS 2023a).

Novato covers about 28 square miles, of which approximately two percent is water. Hills and steeper terrain lie to the north, south, and west of Novato's urban center, which occupies the relatively flat alluvial valley associated with Novato Creek (USGS 2023a). To the east, the land slopes down towards San Pablo Bay (USGS 2023a). The elevation of Novato ranges from sea level to 1,558 feet above sea level at the highest point on Burdell Mountain (City of Novato 2023).

Novato is characterized by a typical Mediterranean climate, generally dry in the summer with mild, wet winters. Average summer temperatures in degrees Fahrenheit are in the 60s and average winter temperatures are in the 50s. The warmest month of the year is August with an average maximum temperature of 81, while the coldest month is January, with an average minimum temperature of 41 (Idcide.com 2022). Most rainfall occurs between November and April, with an average annual precipitation is 27.5 inches (City of Novato 2014). The wettest month of the year is January with an average rainfall of 7.38 inches (Idcide.com 2022).

a. Surface Water

The California Department of Water Resources (DWR) divides surface watersheds in California into 10 hydrologic regions, which are further divided into Hydrologic Units and even smaller Hydrologic Areas (HA) within each hydrologic unit. Novato lies within the San Francisco Bay Hydrologic Region (HR), which covers approximately 2.88 million acres, or 4,500 square miles, and includes all of San Francisco and portions of Marin, Sonoma, Napa, Solano, San Mateo, Santa Clara, Contra Costa, and Alameda counties. Though it is the smallest HR in terms of size, it contains the second largest population (DWR 2013). The San Francisco Bay Regional Water Quality Control Board (RWQCB) governs basin planning and water quality within the San Francisco Bay HR (DWR 2013). Within the San Francisco Bay HR, Novato is located entirely within the San Pablo Hydrologic Unit (USGS 2023b). Within the San Pablo Hydrologic Unit, the project site is partially located within the Miller Creek-

Frontal San Pablo Bay Estuaries Subwatershed and San Pablo Bay Estuaries Subwatershed (Earthworks 2013).

In addition to the statewide watershed designations, watersheds in Novato are named locally by the Marin County Flood Control and Water Conservation District (MCFCWCD) through the Marin County Watershed Program. Based on those local designations, which generally correspond with major stream channels, the project lies within the Novato Creek Watershed (MCFCWCD 2023). The Novato Creek Watershed is located west of the northern portion of San Pablo Bay and is the largest watershed in eastern Marin County. The basin is 45 square miles and the main drainage in the watershed is Novato Creek, which bisects the city as it flows generally eastward from its headwaters west of Stafford Lake to San Pablo Bay. The Beverly Ehreth Ecological Preserve pond, located south of Vintage Way near the project site, provides habitat for 13 species of birds including the Canada Goose, Mallard, Gadwall, Snowy Egret, and American White Pelican (eBird 2023).

Novato has both undeveloped open space with natural drainage features and urban development with highly altered drainage systems, such as underground stormwater systems. The drainage network of Novato consists of a number of rivers, streams, and other water bodies, including the Novato Creek, Petaluma River, Rush Creek, Stafford Lake, and San Pablo Bay. Novato Creek is the dominant perennial stream in the Novato area. It extends about 17 miles and flows from east to west and bisects the city. The creek and its drainage basin encompass approximately 44 square miles. Several smaller creeks flow into Novato Creek, including Warner Creek, Arroyo Avichi Creek, and Arroyo San Jose Creek. San Pablo Bay, a navigable waterbody that provides access to San Francisco Bay and the Pacific Ocean, is located 8 miles southeast of the project site and borders a portion of the eastern edge of the city. The shoreline extends for approximately seven miles. For a description of jurisdictional features near the project site, including wetlands, see Section 4.2, *Biological Resources*.

b. Groundwater

The Novato Valley Groundwater Basin, which occupies a structural depression in the Coast Ranges immediately west of San Pablo Bay and north of San Rafael, underlies portions of Novato associated with the alluvial valleys of Novato Creek and Rush Creek. The basin has a surface area of approximately 32 square miles (DWR 2004). The Novato Valley Basin is bound by San Antonio Creek and the Petaluma River to the north, by Big Rock Ridge, Little Mountain, and Burdell Mountain to the west, by San Rafael Hill to the south, and by San Pablo Bay to the east. Groundwater in this basin occurs primarily in alluvial deposits composed of unconsolidated clay, silt, and sand with discontinuous lenses of gravel (DWR 2004). The thickness of the alluvial deposits ranges from 60 feet near the city center to more than 200 feet near San Pablo Bay. Streams discharging to San Pablo Bay recharge and drain the basin and are tidally influenced in the lower reaches. Natural recharge occurs primarily as infiltration from streambeds that exit the upland areas within the drainage basin and from direct percolation of precipitation that falls on the basin floor (DWR 2013). The Novato Valley Basin is not used for municipal water supply, and neither the storage capacity nor the current amount of groundwater in storage has been reported for this basin.

c. Water Supply

Novato's potable water supply is provided by the North Marin Water District (NMWD) via the Novato Water System. The Novato water system serves primarily the City of Novato and surrounding areas in Marin encompassing approximately 75 square miles (City of Novato 2014). The NMWD receives most of its water, approximately 80 percent, from Sonoma County Water Agency

(SCWA), which provides water principally from the Russian River to several retail water contractors, primarily in Sonoma County. NMWD does not extract groundwater for municipal water supply. In addition to the water purchased from SCWA, NMWD supplies water to the city from Stafford Lake. Recycled water is an additional source of non-potable water supply for the city.

d. Water Quality

Beneficial Uses and Impairments – Surface Water

Surface water quality in the city is governed by the San Francisco Bay RWQCB, which sets water quality standards in the Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan). The Basin Plan identifies surface waterbodies and groundwater basins within the region that have beneficial uses. It also establishes water quality objectives and standards to maintain those beneficial uses, such as maximum contaminant levels (MCL). The Basin Plan identifies beneficial uses for a number of surface waterbodies in Novato, including Arroyo Avichi, Arroyo San Jose, Bahia Lagoon, Bowman Canyon Creek, Novato Creek, Pacheco Pond, Rush Creek, and Warner Creek.

The Clean Water Act (CWA) 303(d) list is a register of impaired and threatened waters which states submit for United States Environmental Protection Agency (USEPA) approval. The list identifies all waters where pollution control measures have so far been unsuccessful in reaching or maintaining water quality standards. Waters that are listed are known as "impaired." Novato Creek was included on the 303(d) list in 1998 due to the presence of diazinon, a popular insecticide for home gardening, potentially transported to the creek via urban runoff/storm sewers. Diazinon was banned from future sale by the USEPA in 2005 (Cone 2005). Diazinon contamination began being addressed in 2006 via a USEPA approved standard (total maximum daily load [TMDL]) for Diazinon. Novato Creek remains on the current 303(d) List/305(b) Report as an impaired waterbody that is being addressed by a USEPA approved TMDL (State Water Resources Control Board [SWRCB] 2021).

Stormwater and Urban Runoff

Stormwater runoff may play a role in water quality impairments. Runoff that occurs as overland flow across yards, driveways, and public streets is intercepted by the storm water drainage system and conveyed to local drainages before eventually being routed to the Pacific Ocean via San Pablo Bay. This storm water can carry pollutants that enter the local waterways and result in reduced water quality. Common sources of storm water pollution in the City include litter, trash, pet waste, paint residue, organic material (yard waste), fertilizers, pesticides and herbicides, sediments, construction debris, metals from automobile brake pad dust, air pollutants that settle on the ground or attach to rainwater, cooking grease, illegally dumped motor oil, and other harmful fluids.

Drinking Water Quality

As described under Section 4.7.1, *c. Water Supply*, Novato sources its potable drinking water primarily from Russian River water through an agreement with SCWA. Additional local sources of water supply include Stafford Lake and recycled water. The quality of the NMWD's water deliveries is regulated by the SWRCB Division of Drinking Water, which requires regular collection and testing of water samples to ensure that the quality meets regulatory standards and does not exceed MCLs. Both NMWD and SCWA perform water quality testing, which has consistently yielded results within acceptable regulatory limits. The NMWD's Water Quality Division monitors water quality and provides supervision for water quality related issues. Surface water supply quality is expected to be adequate with no water quality deficiencies over the next 25 years. As described under Section

4.7.1, *c. Water Supply*, NMWD does not pump groundwater within the Novato Valley Groundwater Basin. The groundwater quality is considered poor due to high salinity, and well yields are too low for municipal supply (NMWD 2022).

e. Flood Hazards

Flood hazards can occur when the amount of rainfall exceeds the infiltration capacity of the surrounding landscape or the conveyance capacity of the storm water drainage system. Flood risk is defined as an annual percent chance of flooding, or the probability that flooding would occur in any given year. Although a 100-year flood will, on average, occur once every 100 years, the probability of a 100-year flood is one percent for any particular year. Two 100-year floods could occur in the same year or even in the same month, but the likelihood that two 100-year flood events would occur consecutively is very small.

Areas that are subject to flood risk are identified by the Federal Emergency Management Agency (FEMA) on the National Flood Hazard Layer. Winter storms can generate heavy wave action along the bay coastal areas of Novato, which either by itself or when combined with high tides and/or high winds, can initiate flooding along the ocean and by coastlines of Novato (MCFCWCD 2023). A portion of the project site is located in Flood Zone X (0.2 percent annual chance flood hazard) (FEMA 2023).

Novato has a history of flooding. Winter storms in 2016-2017 closed Highway 37 for 27 days and flooded neighborhood streets. The City now faces new threats of sea level rise and climate change (MCFCWCD 2023). As shown in the City of Novato's *General Plan 2035 Policy White Paper*, *Sea Level Rise and Adaptation* (City of Novato 2015), a rise in sea level of two feet (anticipated to occur by 2050 in worst-case prediction models, per Table 1 of the City's White Paper), would not inundate the project site. Similarly, the combination of a 20-inch rise in sea level with a 20-year storm event would not inundate the project site. For informational purposes, the National Oceanic and Atmospheric Administration Sea Level Rise Viewer indicates that the project site would not be inundated with four feet of sea level rise but would be inundated with five feet of sea level rise. A five-foot rise in sea level could occur by 2100 in worst-case prediction models, per Table 1 of the City's White Paper (City of Novato 2015). In the case of a tsunami, the project site is located 1.2 mile from the nearest tsunami zone (DOC 2009).

Dam Inundation

Novato is subject to potential flooding resulting from the structural failure of the Novato Creek Dam (also known as the Stafford Dam) at Stafford Lake. According to DWR, the dam is certified and may safely impound water. It is also in satisfactory condition, with no existing or potential dam safety deficiencies. The Stafford Dam is designed to withstand an earthquake of a magnitude up to 8.25 on the San Andreas Fault. Major flooding could occur in the event of a dam failure. The dam failure evacuation area extends approximately 4.5 miles, passing through downtown Novato and ending at Highway 37. The flood waters would reach the project site approximately 5 to 10 hours after dam failure (Michael Baker International 2020).

4.7.2 Regulatory Setting

a. Federal

Clean Water Act

The CWA, enacted by Congress in 1972 and amended several times since, is the primary federal law regulating water quality in the United States. The CWA established the basic structure for regulating discharges of pollutants into the waters of the United States. The CWA gave the USEPA authority to implement federal pollution control programs, such as setting water quality standards for contaminants in surface water, establishing wastewater and effluent discharge limits for various contaminants in surface water, and imposing requirements for controlling nonpoint-source pollution. At the federal level, the Clean Water Act is administered by the USEPA and the United States Army Corps of Engineers. At the State and regional levels in California, the act is administered and enforced by the SWRCB and the nine RWQCBs. The San Francisco Bay RWQCB is the CWA enforcement agency Marin County.

Clean Water Act Section 303(d)

Under Section 303(d) of the CWA, States are required to develop and update a list of water bodies under their jurisdiction which fail to meet water quality standards even after point sources of pollution have utilized the minimum levels of pollution control. These are referred to as '303(d) impaired' bodies. Jurisdictions must establish priority rankings for 303(d) impaired water bodies and develop action plans to improve water quality to minimum standards. The plans include the setting of TMDL for the pollutants which are impairing the water bodies; these limits are stricter than the normal minimum standards in order to bring the impaired bodies into compliance over time.

Clean Water Act Section 401

Section 401 of the CWA requires that any activity that would result in a discharge into waters of the U.S. be certified by the RWQCB. This certification ensures that the proposed activity does not violate State and/or federal water quality standards. Discharges to waters of the U.S. must be avoided where possible, and minimized and mitigated where avoidance is not possible. Section 303(d) of the CWA requires states to establish TMDL programs for streams, lakes and coastal waters that do not meet certain water quality standards.

Clean Water Act Section 402

As part of Section 402 of the CWA, the USEPA has established regulations under the NPDES program to control both construction and operation (occupancy) stormwater discharges. Individual projects in the City that would disturb at least one acre of land must provide stormwater treatment during construction and would be required to obtain coverage under the General Permit for Discharges of Storm Water Associated with Construction Activity (Construction Stormwater General Permit Order 2022-0057 DWQ). The Stormwater Pollution Prevention Plan (SWPPP) must contain stormwater and erosion control Best Management Practices (BMP), a visual monitoring program; a chemical monitoring program for "non-visible" pollutants to be implemented if there is a failure of BMPs; and a sediment monitoring plan if the site discharges directly to a waterbody listed on the 303(d) list for sediment.

The proposed project would be subject to the SWRCB Water Quality Order No. 2013-0001-DWQ, NPDES General Permit No. CAS000004, Waste Discharge Requirements for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems, and the provisions set forth in Section E.12, *Post Construction Stormwater Management Program*. Provision E.12 of the NPDES Municipal Separate Storm Sewer Systems permit addresses post-construction stormwater requirements for new development and redevelopment projects that add and/or replace 5,000 square feet or more of impervious area, including 1) incorporate site design, source control, and stormwater treatment measures into the project design; 2) minimize the discharge of pollutants in stormwater runoff and non-stormwater discharge; and 3) minimize increases in runoff flows as compared to pre-development conditions. In addition, Low Impact Development requirements apply. Projects that create and/or replace between 2,500 and 5,000 square feet of impervious surface must implement site design measures, including stream setbacks and buffers, soil quality improvement and maintenance, tree planting and preservation, rooftop and impervious area disconnection, porous pavement, green roofs, vegetated swales, and rain barrels and cisterns (SWRCB 2013).

National Toxics Rule and California Toxics Rule

In 1992, USEPA promulgated the National Toxics Rule, 40 CFR 131, establishing numeric criteria for priority toxic pollutants in multiple states in order to bring all states into compliance with the Water Quality Standards requirements of section 303(c) of the CWA. The National Toxics Rule established Water Quality Standards for 42 pollutants not covered under California's Statewide water quality regulations at that time. After the court ordered revocation of California's Statewide Basin Plans in September 1994, USEPA initiated efforts to promulgate additional federal Water Quality Standards for California. In May 2000, USEPA issued the California Toxics Rule, which includes all the priority pollutants for which the USEPA has issued numeric criteria not included in the National Toxics Rule. The USEPA is in the process of rulemaking for setting a standard for selenium in the San Francisco Bay under the California Toxics Rule (USEPA 2023).

Safe Drinking Water Act

The Federal Safe Drinking Water Act was enacted in 1974, allowing the USEPA to promulgate national primary drinking water standards specifying MCLs for each contaminant present in a public water system with an adverse effect on human health. Primary MCLs have been established for approximately 90 contaminants in drinking water. The USEPA has also adopted secondary MCLs as non-enforceable guidelines for contaminants that may cause cosmetic or aesthetic effects. States have the discretion to adopt them as enforceable standards. USEPA has delegated to the SWRCB the responsibility for administering California's drinking-water program. In 1976, California adopted its own safe drinking water act (see *California Safe Drinking Water Act* subsection below).

National Flood Insurance Act/Flood Disaster Protection Act

The National Flood Insurance Act of 1968 made flood insurance available for the first time. The Flood Disaster Protection Act of 1973 made the purchase of flood insurance mandatory for the protection of property located in Special Flood Hazard Areas. These laws are relevant because they led to mapping of regulatory floodplains and to local management of floodplain areas according to guidelines that include prohibiting or restricting development in flood hazard zones. Over 5,000 acres within Novato are designated as being in a Special Flood Hazard Area.

The project site is located in MCFCWCD-designated Flood Control Zone 1, which is the largest zone by area in Marin that covers over 45 square miles (MCFCWCD 2023). Zone 1 was established to

address flooding issues in downtown Novato and surrounding areas, and its boundaries roughly match the Novato Creek Watershed. The Zone 1 work program includes regular servicing of District-owned facilities including four pump stations along Novato Creek and nine miles of flood protection levees on Novato Creek. The work program also includes select tide gates, trash racks, and vegetation management on tributaries to Novato Creek and Rush Creek (MCFCWCD 2023).

Federal Emergency Management Agency

FEMA administers the National Flood Insurance Program to provide subsidized flood insurance to communities that comply with FEMA regulations limiting development in floodplains. FEMA also issues Flood Insurance Rate Maps that identify which land areas are subject to flooding. These maps provide flood information and identify flood hazard zones in the community. The design standard for flood protection is established by FEMA. FEMA's minimum level of flood protection for new development is the 100-year flood event.

b. State

Porter Cologne Water Quality Control Act

The Porter Cologne Water Quality Control Act of 1967 requires the SWRCB and the nine RWQCBs to adopt water quality criteria to protect State waters. These criteria include the identification of beneficial uses, narrative and numerical water quality standards, and implementation procedures. The criteria for State waters within the city are contained in the Water Quality Control Plan for the San Francisco Bay Basin (SWRCB 2013). The Water Quality Control Plan, or Basin Plan, protects designated beneficial uses of State waters through the issuance of Waste Discharge Requirements and through the development of TMDLs. Anyone proposing to discharge waste that could affect the quality of the waters of the State must make a report of the waste discharge to the RWQCB or SWRCB as appropriate, in compliance with the Porter-Cologne Act.

California Safe Drinking Water Act

The USEPA has delegated to the California Department of Public Health responsibility for administering California's drinking-water program. In 1976, two years after the Federal Safe Drinking Water Act was passed, California adopted its own safe drinking water act (contained in the Health and Safety Code) and adopted implementing regulations (contained in 22 California Code of Regulations). California's program sets drinking water standards that are at least as stringent as the Federal standards. Each community water system also must monitor for a specified list of contaminants, and the monitoring results must be reported to the State. The Division of Drinking Water is responsible for the State's Drinking Water Program.

Sustainable Groundwater Management Act

In September 2014, Governor Brown signed legislation requiring that California's critical groundwater resources be sustainably managed by local agencies. The Sustainable Groundwater Management Act gives local agencies the power to sustainably manage groundwater, provides for the creation of regional Groundwater Sustainability Agencies and requires Groundwater Sustainability Plans to be developed for medium- and high-priority groundwater basins. The Novato Valley Groundwater Basin has been designated a Low-Priority basin by DWR, due to the general lack of utilization for water supplies and is not required to form a Groundwater Sustainability Agency or submit a Groundwater Sustainability Plan (DWR 2019).

California Green Building Standards Code

The California Green Building Standards Code (24 California Code of Regulations, Part 11) includes mandatory measures for residential and nonresidential development. For example, Section 5.106.2 requires newly constructed nonresidential projects and additions of one acre or more to prevent the pollution of stormwater runoff from post-construction through compliance with the NPDES permits which require postconstruction runoff to match the pre-construction runoff with the installation of post-construction stormwater management measures. The NPDES permits emphasize the runoff reduction through on-site stormwater use, interception, evapotranspiration, and infiltration through nonstructural controls such as Low Impact Development practices and conservation design measures. Section 5.303 sets measures for indoor water use for non-residential development requiring metering devices to conserve water.

Urban Water Management Planning Act

In 1983, the California Legislature enacted the Urban Water Management Planning Act (Water Code Section 10610 et seq.), which requires urban water suppliers to develop Urban Water Management Plans (UWMP) to actively pursue the efficient use of available supplies as well as conduct drought assessments and planning. This Act also requires the provision of water service to be affordable to lower income households (Section 10631.1). Similarly, Government Code Section 65589.7 (SB 1087) requires water service providers to reserve water allocations for low-income housing. Every five years, water suppliers are required to update their UWMPs to identify short-term and long-term water demand management measures to meet growing water demands. The 2020 UWMP for North Marin Water District was adopted in June 2021. The District relies on imported water from the SCWA and recycled water to meet its needs and does anticipate insufficient supply under multi-year drought conditions. The UWMP provides a Water Shortage Contingency Plan and notes the conservative and uncertain elements of key water supply projections (NMWD 2021).

California Construction Stormwater Permit

The California Construction Stormwater Permit (Order 2022-0057 DWQ), adopted by the SWRCB, regulates construction activities that include soil disturbance of at least one acre of total land area. The Construction General Permit authorizes the discharge of stormwater to surface waters from construction activities. It prohibits the discharge of materials other than stormwater, authorized non-stormwater discharges, and all discharges that contain a hazardous substance in excess of reportable quantities established at 40 CFR 117.3 or 40 CFR 302.4, unless a separate NPDES Permit has been issued to regulate those discharges.

The Construction General Permit requires that all developers of land where construction activities will occur over more than one acre do the following:

- Complete a Risk Assessment to determine pollution prevention requirements pursuant to the three Risk Levels established in the General Permit
- Eliminate or reduce non-stormwater discharges to storm sewer systems and other waters
- Develop and implement a SWPPP which specifies BMPs that will reduce pollution in stormwater discharges to the Best Available Technology Economically Achievable/Best Conventional Pollutant Control Technology standards
- Perform inspections and maintenance of all BMPs

Typical BMPs contained in SWPPPs are designed to minimize erosion during construction, stabilize construction areas, control sediment and pollutants from construction materials, and address post construction runoff. The SWPPP also includes a plan for inspection and maintenance of all BMPs, as well as procedures for altering or increasing BMPs based on changing project conditions.

c. Regional

San Francisco Bay RWQCB Water Quality Control Plan

The San Francisco Bay RWQCB 2012 Basin Plan, with amendments adopted in 2014, 2015, 2016, and 2018, describes the legal and technical water quality regulations for the San Francisco Bay Area, which includes rezone sites, including describing the beneficial uses for water bodies in the region, which is a factor in determining the types of regulations that apply to discharges to the bodies. The nearest creek to the project site, Novato Creek, is located 4 miles northwest of the project site. The Novato Creek supports diverse habitats from steep headwaters to salt marshes along the bay. The creek flows through oak and bay forests, grasslands, and baylands.

Marin County Flood Control and Water Conservation District

All of Marin County, including Novato, is under the jurisdiction of MCFCWCD, which is responsible for managing stormwater and flooding problems in the County. MCFCWCD is staffed by the Marin County Department of Public Works and is responsible for administering the Marin County Stormwater Pollution Prevention Program (MCSTOPPP) and FEMA Flood Insurance Programs. The goal of MCSTOPPP is to prevent stormwater pollution, protect and enhance water quality in creeks and wetlands, preserve beneficial uses in waterways and comply with State and federal regulations. MCSTOPPP submitted a county-wide Stormwater Management Plan (SWMP) to the RWQCB and coordinates consistency between individual SWMPs.

MCFCWD identifies eight "zones" within the County to focus on issues in specific watersheds. The City of Novato and a sizeable area of unincorporated Marin County are within MCFCWCD's Zone 1. The boundary of Zone 1 is formed by the entire watershed tributary to Rush Creek and Novato Creek.

Action Plan 2010 is the five-year SWMP for the member agencies of MCSTOPPP. The County of Marin and each of the cities and towns in the County, including the City of Novato, are member agencies of MCSTOPPP. MCSTOPPP coordinates consistency between individual SMPs. *Action Plan 2010* was submitted to and approved by SWRCB in May 2005.

Marin County Multi-Jurisdictional Local Hazard Mitigation Plan

Marin County (the County) and its partners have developed this Multi-Jurisdictional Local Hazard Mitigation Plan (hereinafter referred to as the MCM LHMP) to assess risks posed by natural hazards and to develop a mitigation strategy for reducing the County's risks. The MCM LHMP Planning Committee developed a handful of mitigation actions based on the MCM LHMP's hazard analysis, vulnerability analysis, and capability assessments. The following mitigation actions relevant to hydrology and water quality and the proposed project are as follows:

- **FLD-2:** Incorporate flood planning into local permitting and planning.
- **FLD-11:** Encourage integration of SLR and climate change into planning documents, systems, operations, and maintenance.

- **MLT-4:** Develop/enforce regulations requiring replacement of aboveground utilities with underground utilities. Require underground utilities be effectively sealed to prevent backflow of floodwaters into buildings.
- **MLT-19:** Prevent infrastructure expansion in high-risk areas.

d. Local

Storm Drainage Master Plan

To accommodate 25-year flood flows, the City has implemented a Local Drainage Master Plan for improving storm drains. A detention pond has been constructed at Deer Island (located on the northern portion of Deer Creek in eastern Novato), and improvements have also been made to the channels of Novato Creek, Warner Creek, and Arroyo Avichi Creek (City of Novato 2014). In July of 2014 the City began developing a City-wide Storm Drain Master Plan. The work included an inventory and mapping of existing stormwater infrastructure as well as the creation of a computer model. The final product includes a detailed report that will guide the City in planning, financing, improving, and maintaining the current stormwater infrastructure (City of Novato 2014).

City of Novato General Plan

The City of Novato General Plan provides the following goals, policies, and programs regarding water quality (City of Novato 2020):

Goal CC 2: Promote high-quality and sustainable development.

- **CC 4: Environmental Constraints.** Assess environmental constraints when considering development of lands with high environmental value (e.g., wetlands or scenic ridgelines) or significant hazards (e.g., soil stability, fire or flood hazards).

Goal ES 1: Preserve, enhance and restore natural areas and features, including Novato's scenic hillsides, water- ways, riparian corridors, wetlands, baylands, and special status species.

- **ES 2: Watershed Management.** Minimize the effects of pollution in stormwater runoff in Novato and its effective watersheds. Retain and restore where feasible the natural hydrological characteristics of watersheds in Novato, including daylighting of drainages that were previously buried.
    - *ES 2a: NPDES Compliance.* Ensure that new development complies with the requirements of the National Pollutant Discharge Elimination System (NPDES) and the applicable Urban Runoff Pollution Prevention Ordinance.
    - *ES 2b: Maintenance.* Prioritize storm drain maintenance and street sweeping programs to reduce urban runoff pollutants.
- **ES 10: Water Quality.** Protect water resources from pollution and sedimentation, and preserve their environmental and recreation values.

In addition, Chapter 6, *A City that Works,* provides the following policies regarding flood and other hydrology hazards (City of Novato 2020):

Goal SH 1: Maintain high levels of public safety and emergency preparation.

- **Policy SH 2: Flood Hazards.** Reduce the risk of loss of life, personal injury and property damage resulting from flooding by properly maintaining storm drainage systems, natural flood control channels and waterways and regulating runoff from new construction and development projects. Encourage flood control measures that retain the natural features and conditions of watercourses to the maximum feasible extent.
  - *SH 2a: New Development.* Condition new development to maintain post development peak runoff rate and average volume similar to the predevelopment condition to the maximum extent practicable. Require runoff rate/volume analysis of projects where deemed necessary by City staff. Require new development to cover the costs of drainage facilities needed for surface runoff.
  - *SH 2b: Development within 100-year Flood Zone.* Require all development in the 100 year flood zone to comply with the floodplain regulations in the Novato Municipal Code.
  - *SH 2e: Rising Sea Level.*
    1. Consider the potential for sea level rise when processing development applications that might be affected by such a rise. Use current Flood Insurance Rate Maps and National Oceanic and Atmospheric Administration recommendations associated with base flood elevation adjustments for sea level rise in the review of development proposals. Adopt requirements to assess sea level rise risks on new development and infrastructure.
  - *SH 2g: Erosion Control.* Enforce measures to minimize soil erosion and volume and velocity of surface runoff both during and after construction through implementation of the Grading Ordinance.
  - *SH 2f: Storm Drainage System:* Maintain unobstructed water flow in the storm drainage system to the maximum extent feasible. Continue to carry out annual inspection and maintenance of drainage systems, including siltation and detention facilities.

Novato Municipal Code

The Novato Municipal Code (NMC) includes various provisions related to hydrology and water quality, including the following Sections.

- **NMC Section 5-15, Drainage**, establishes standards for drainage to ensure that underground and surface waters are conducted through and away from developments and does not damage existing development, and to correct or improve existing underground or surface water problems within a project site and within affected surrounding area. This section of the Municipal Code requires that existing drainage patterns be maintained or improved and that stormwater is prevented from intruding in new structures.
- **NMC Section 7-4, Urban Runoff Pollution Prevention**, requires minimizing discharges other than storm runoff to storm drains or watercourses, responding to the discharge of spills, preventing and controlling the discharge of spills or disposal of materials to storm drains or watercourses, reducing pollutants in stormwater discharges, requiring developers to install and maintain appropriate best management practices (BMPs), and requiring development projects to maintain or reduce the volume, velocity, peak flow rate, and duration of runoff as compared to pre-development stormwater runoff and to prevent stormwater pollution through stormwater management controls. This section of the Municipal Code requires an erosion and sediment control plan (ESCP) for any project subject to a grading permit. The City may also

require as a condition of project approval a stormwater control plan that details the implementation and maintenance requirements for post-construction permanent stormwater control measures. A Stormwater Control Plan has been prepared for the proposed project and has been included as Appendix K.

- **NMC Section 7-5, Regulatory Fee for Clean Stormwater Activities,** establishes a funding source to provide enforcement of the city's Urban Water Runoff Prevention Ordinance, to provide maintenance and repair of the city's stormwater drainage facilities, to provide capital improvements to the city's stormwater drainage system, and to provide other clean stormwater activities.

4.7.3 Impact Analysis

a. Methodology

This section describes the potential environmental impacts of the proposed project relevant to hydrology and water quality. The impact analysis is based on an assessment of baseline conditions for the project site, including climate, topography, watersheds and surface waters, groundwater, and floodplains, as described above under Section 4.7.1, *Setting*. This analysis identifies potential impacts based on the predicated interaction between the affected environment and construction, operation, and maintenance activities related to the development that would occur under the proposed project and recommends mitigation measures, when necessary, to avoid or minimize impacts.

b. Significance Thresholds

The following thresholds of significance are based on *CEQA Guidelines* Appendix G. For the purposes of this EIR, implementation of the proposed project may have a significant adverse impact if it would:

1. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality;
2. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin;
3. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner that would:
    a. Result in substantial erosion or siltation on- or off-site,
    b. Substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site,
    c. Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff, or
    d. Impede or redirect flood flows;
4. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation; and/or
5. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

c. Project Impacts and Mitigation Measures

Threshold 1:	Would the project violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?

Impact HYD-1 THE PROJECT WOULD NOT VIOLATE ANY WATER QUALITY STANDARDS OR WASTE DISCHARGE REQUIREMENTS OR OTHERWISE SUBSTANTIALLY DEGRADE SURFACE OR GROUND WATER QUALITY. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Construction

Temporary site preparation, grading, and paving activities associated with construction of the project could result in limited soil erosion that may degrade water quality. However, such construction activities would be required to comply with the requirements of NMC Chapter 7-4 (the City's Urban Runoff Pollution Prevention Ordinance) and NPDES permit requirements. NMC Chapter 7-4 is enforced by City officials to ensure compliance with the City's requirements and ensure no discharge of non-stormwater to the City's storm drain system. This chapter includes various recommended BMPs for construction activities and allows the requirement of a condition of approval to ensure permanent structural controls to remove sediment and other pollutants from stormwater runoff.

An erosion and sediment control plan is required for projects subject to grading, building, or other City permits. Compliance with the NDPES Construction Stormwater General Permit also includes implementation of construction BMPs, such as erosion and sediment control measures. With federal requirements compliance and adherence to BMPs, as well as erosion and sediment control plan requirements, water quality standards or waste discharge requirements related to construction impacts would be less than significant.

Operation

Operation of the fuel center would be subject to the City's Urban Runoff Pollution Prevention Ordinance. Specifically, proposed operational activities would be required to comply with NMC Section 7-4.10(b), which requires frequent cleaning of gas station structures to prevent discharge of pollutants into the City storm drain system or watercourse, and NMC Section 7-4.10(c), which requires construction plans to include construction, erosion, and sediment control BMPs. In addition, the City adheres to the MCSTOPPP to minimize the negative impacts of stormwater runoff. The project's storm drainage system will be designed in accordance with the State of California's BMPs for water quality treatment standards and stormwater will be isolated and directed to a catch basin processed through an oil/water separator prior to discharge to the downstream system (Appendix K). Additionally, the project, as presented in Costco's Fueling Facility Program (Appendix B) includes environmental safeguards/design features regarding leak detection:

- Certification of the tank and piping system to meet the Federal UST leak detection standards of 95 percent probability of detection and five percent probability of false alarm. Certification of the system by SWRCB under LG-113.
- Utilize durable joint sealers to seal concrete control joints. Prevention Technologies, Inc (PTi) sealer is a petroleum-resistant sealant developed by PTi. The sealer is used to prevent petroleum products from entering the underlying soil at the concrete joints. The elasticity allows the product to maintain a tight seal even with concrete expansion.

- The underground tank and piping control units would be housed inside the controller enclosure. The enclosure would contain the power console, the dispenser interface unit, the submersible pump variable speed controllers, and the monitoring system console. An air conditioner mounted on the side of the enclosure would have a preset thermostat to maintain a safe operating temperature.
- The USTs and all containment sumps, including the dispenser sumps would be constructed with double-walled fiberglass. Fiberglass is used for its corrosion resistance and plasticity. The double-walled storage tank system includes a hydrostatic interstitial space sensor that monitors the primary and secondary tank walls. If a tank wall is compromised, the interstitial sensor would immediately shut down the product delivery system and activate a visual/audible alarm.
- All piping would slope to the sumps at the USTs. If a piping leak occurs, the gasoline would flow through the secondary pipe to the sump, where a sensor would be triggered to immediately shut down the system and activate an audible/visual alarm.
- The UST monitoring system would incorporate automatic shutoffs. If gasoline is detected in the sump at the fuel dispenser, the dispenser would shut down automatically and an alarm sounded. If a problem is detected with a tank, the tank would be automatically shut down and an alarm sounded. If the product piping system detects a failure of the 0.1 gallons per hour (GPH) test, the line would be automatically shut down and the alarm sounded. Pursuant to federal requirements, monitoring equipment must be able to detect a minimum leak of 3 GPH (equivalent to the accuracy of a mechanical leak detector). Proposed monitoring equipment would detect leaks at 0.1 GPH.

Compliance with City environmental safeguards, BMPs, and strategic project design features would result in less than significant operational impacts to water quality standards and waste discharge requirements.

The project includes the construction of two bioretention areas, sized to retain stormwater runoff from the entire project site. The drainage management area (DMA #8, 10,643 square feet in size; see Appendix K) that collects runoff from the proposed fueling area would drain to the existing sanitary sewer and be treated by an oil/water separator, consistent with Section SC-20 of the California Stormwater Quality Association Stormwater Best Management Practice Handbook. Runoff from one drainage management area (DMA #9, 944 square feet in size) that encompasses the proposed driveway, would remain untreated. Additionally, per the project's Stormwater Control Plan (Appendix K), the project will implement the following permanent and operational source control BMPs:

- All inlets will be marked with "No Dumping! Flows to Local Waterways" or similar.
- Landscaping will minimize irrigation and runoff and be selected for pest resistance, and will minimize the need for fertilizers and pesticides.
- Plants will be selected appropriate to site soils, slopes, climate, sun, wind, rain, land use, air movement, ecological consistency, and plant interactions.
- Landscaping will be maintained using minimum or no pesticides.
- Integrated pest management information will be provided to new owners, lessees, and operators.
- Fueling areas will have impermeable floors that are graded at the minimum slope necessary to prevent ponding. This area will be separated from the rest of the site by a grade break that

prevents run-on of stormwater. The fueling area will be covered by a canopy that extends the area within the grade break. The canopy will not drain into the fueling area.

- Maintain and periodically repaint or replace inlet markings.
- Provide stormwater pollution prevention information to new site owners, lessees, or operators.
- Lease agreements will include the following provision: "Tenant shall not allow anyone to discharge anything to storm drains or to store or deposit materials so as to create a potential discharge to storm drains."
- Inspect and maintain drains to prevent blockages and overflow.
- The property owner shall dry sweep the fueling area routinely.
- Plazas, sidewalks, and parking lots will be regularly swept to prevent accumulation of litter and debris. Debris from pressure washing will be collected to prevent entry to storm drain system. Washwater containing any cleaning agent or degreaser will be collected and discharged into the sanitary sewer and not into the storm drain.

The project would reduce the total existing impervious surface area from 62,061 square feet to 60,265 square feet (an approximately 1,796 square feet reduction) on the project site. In addition to this decrease in impervious surfaces, the previously mentioned stormwater management features would control and treat stormwater drainage. These proposed features would comply with NMC Sections 7-4.6 and 7-4.10, which require the project to be designed to control pollutants, pollutant loads, and runoff volume to the maximum extent feasible by minimizing impervious surface area and controlling runoff from impervious surfaces through infiltration, evapotranspiration, bioretention, and/or rainfall harvest and use. Adherence to these regulations would ensure that pollutants do not affect water quality. Therefore, the proposed project would not violate any water quality standards or waste discharge requirements. Impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 2:	Would the project substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Impact HYD-2 THE PROJECT WOULD NOT SUBSTANTIALLY DECREASE GROUNDWATER SUPPLIES OR INTERFERE SUBSTANTIALLY WITH GROUNDWATER RECHARGE SUCH THAT THE PROJECT MAY IMPEDE SUSTAINABLE GROUNDWATER MANAGEMENT OF THE BASIN. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

The NMWD supplies water to the City of Novato from the Russian River, Stafford Lake and recycled water. The NMWD has no local, developed groundwater supply source (NMWD 2021). The project does not propose the use of groundwater and the NMWD has an existing water supply available to serve the proposed project. Additionally, the project would reduce impervious surfaces by 1,796 square feet and construct bioretention basins, which would allow groundwater recharge. Impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 3:	Would the project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner that would: a. Result in substantial erosion or siltation on- or off-site, b. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site, c. Create or contribute runoff water that would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff, or d. Impede or redirect flood flows?

Impact HYD-3 THE PROJECT WOULD NOT SUBSTANTIALLY ALTER THE EXISTING DRAINAGE PATTERN OF THE SITE OR AREA, INCLUDING THROUGH THE ALTERATION OF THE COURSE OF A STREAM OR RIVER OR THROUGH THE ADDITION OF IMPERVIOUS SURFACES, IN A MANNER WHICH WOULD RESULT IN SUBSTANTIAL EROSION OR SILTATION ON- OR OFF-SITE, RESULT IN FLOODING ON- OR OFF-SITE, CREATE OR CONTRIBUTE RUNOFF WATER WHICH WOULD EXCEED THE CAPACITY OF EXISTING OR PLANNED STORMWATER DRAINAGE SYSTEMS OR PROVIDE SUBSTANTIAL ADDITIONAL SOURCES OF POLLUTED RUNOFF, OR IMPEDE OR REDIRECT FLOOD FLOWS. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

The project would not alter the course of a stream or river as no such water bodies exist on the project site. The project would not substantially alter the drainage pattern of the area, and the project includes bioretention facilities and stormwater treatment on site. The proposed project would include the development of storm drainage systems throughout the project site to connect to the existing storm drain along the east side of the site, adjacent to the Costco warehouse building, and southwest of the site along Vintage Way. The Stormwater Control Plan (Appendix K) provides the square footage of each drainage management area and square footage of bioretention areas provided to capture the runoff. As mentioned in Impact HYD-1 above, the project's storm drainage system will be designed in accordance with California's BMPs pursuant to NMC Section 7-4 for water quality treatment standards and stormwater will be isolated and directed to a catch basin processed through an oil/water separator prior to discharge to the downstream system (Appendix K). In addition to compliance with the NMC Section 7-4, implementation of project design features would capture and treat stormwater runoff, reduce the quantity and level of pollutants in runoff leaving the site, and would ensure project runoff does not exceed the capacity of stormwater drainage systems. The project would not increase the rate or amount of surface runoff in a manner that would result in on- or off-site flooding or exceed the capacity of the stormwater drainage system, nor that would impede or redirect flood flows. This impact would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 4:	In flood hazard, tsunami, or seiche zones, would the project risk release of pollutants due to project inundation?

Impact HYD-4 THE PROJECT WOULD NOT RISK RELEASE OF POLLUTANTS DUE TO PROJECT INUNDATION IN FLOOD HAZARD, TSUNAMI, OR SEICHE ZONES. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

The project site is located approximately 3.6 miles from San Pablo Bay and 5.0 miles from Stafford Lake, the nearest large bodies of water. Although a seiche could form on Stafford Lake during a seismic event, there would be no risk of inundation from seiche at the project site due to the relatively small size of Stafford Lake and distance of 5.0 miles from Stafford Lake to the project site. However, failure of the Stafford Lake Dam could result in inundation of the project site up to approximately 2 feet (City of Novato 2020). As mentioned above under Impact HYD-1, the proposed gasoline USTs and associated infrastructure would be watertight and installed with various leak protection safeguards. Inundation of the project site would not be expected to infiltrate the USTs or associated infrastructure; therefore, the project would not risk release of pollutants as a result of fuel facility site inundation.

Although an earthquake on the Hayward and Rodgers Creek fault complex, which runs under the bay, could create a tsunami, the potential for a tsunami to impact the City of Novato and the project sites are low (City of Novato 2020), and the project site is located 1.2 miles from the nearest tsunami zone (DOC 2009).

The project site is located in Flood Zone X, with the northeastern portion of the site also in the 500-year floodplain and has a low probability of inundation with potential flood depths of less than one foot. As described under Impact HYD-1, the proposed gasoline USTs and associated infrastructure would be watertight and installed with various leak protection safeguards. As a result, flooding of the project site would not be expected to infiltrate the USTs or associated infrastructure; therefore, the project would not be likely to release pollutants as a result of site inundation. Construction of the project would not alter the overall grade or elevation of the existing site, and no change in the floodplain elevation would occur. Additionally, the proposed bioretention areas and on-site stormwater treatment would ensure no off-site pollution occurs during project site inundation.

Similarly, future sea level rise resulting from climate change could result in inundation of the project site. Due to the distant time frame from when sea level rise could affect the project site (2100), along with the safety features built into the proposed design of the USTs, inundation of the project site would not be expected to infiltrate the USTs or associated infrastructure because of its watertight properties and various leak protection safeguards. Additionally, the City's General Plan includes policy language related to city-wide adaptation planning to address future sea level rise, regardless of implementation of the project.

Therefore, impacts resulting in flood hazard, tsunami, or seiche release of pollutants due to project inundation would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 5:	Would the project conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

Impact HYD-5 THE PROJECT WOULD NOT CONFLICT WITH OR OBSTRUCT IMPLEMENTATION OF A WATER QUALITY CONTROL PLAN OR SUSTAINABLE GROUNDWATER MANAGEMENT PLAN. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

The project site is located within the Novato Valley Groundwater Basin, which is a low priority basin according to the DWR Sustainable Groundwater Management Act Basin Prioritization dashboard (DWR 2019). Low priority basins are not required to adopt a groundwater sustainability plan, and no groundwater sustainability plan exists for this groundwater basin. The city is served by NMWD for water supply. As described in Section 7.4.1, *Setting,* NMWD does not supply water from groundwater sources (NMWD 2021). The project would not use groundwater and would not conflict with a sustainable groundwater management plan.

The proposed project would be subject to the San Francisco Bay Basin Water Quality Control Plan (Basin Plan) (SWRCB 2013). The San Francisco Bay RWQCB is responsible for adopting and updating the Basin Plan, which establishes water quality control measures and flow requirements needed to provide reasonable protection of beneficial uses in the watershed. As discussed in Impact HYD-1, the project would be required to comply with NPDES requirements and portions of the NMC relevant to water quality. As discussed under Impact HYD-1, the project includes features that comply with NMC Sections 7-4.6 and 7-4.10, which require the project site to be designed to control pollutants, pollutant loads, and runoff volume to the maximum extent feasible by minimizing impervious surface area and controlling runoff from impervious surfaces through infiltration, evapotranspiration, bioretention, and/or rainfall harvest and use, which would decrease the amount of runoff from the site, allowing for more infiltration. Therefore, the project would therefore not conflict with or obstruct implementation of the Basin Plan. Impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

4.7.4 Cumulative Impacts

The geographic scope for cumulative hydrology and water quality impacts is the watersheds and groundwater basins where the project area is located. The cumulative impacts assessment area includes Novato, Marin County, the greater San Francisco Bay Area, the Miller Creek-Frontal San Pablo Bay Estuaries Subwatershed, and San Pablo Bay Estuaries Subwatershed. This is an appropriate assessment area for hydrology because there are significant bodies of water

surrounding this area where the impact occurs and may influence receiving waters into which they drain.

Cumulative development would generally increase impermeable surface area. Cumulative development could increase peak flood flows, alter drainage patterns, and increase pollutants in the regional stormwater. However, cumulative development would also be required to adhere to all applicable State and local regulations designed to control erosion and protect water quality, including the MCSTOPPP or applicable City municipal code, NPDES Construction Stormwater General Permit, and Basin Plan policies. All construction sites larger than one acre in size would be required to prepare and submit a SWPPP, thereby reducing the risk of water degradation on and off site from soil erosion and other pollutants, and smaller developments would still be required to adhere to any permit requirements imposed by the applicable policies and ordinances. Therefore, cumulative impacts would be less than significant. As discussed above under Impacts HYD-1 and HYD-3, the project would comply with NPDES, and City requirements related to stormwater runoff and water quality and consequently would not contribute to cumulative impacts to peak runoff, flooding, groundwater recharge, or water quality. Therefore, the project would not make a cumulatively considerable contribution to any significant cumulative water quality impacts.

Cumulative development would increase the demand for water delivered by the NMWD. Groundwater is not used as a source of water in Novato. Cumulative projects would continue to rely on imported water and surface water for water supply. Therefore, cumulative development would not result in a significant cumulative impact to groundwater. As discussed under Impact HYD-2 and Impact HYD-5, the project's impacts to groundwater supplies and groundwater management efforts would be less than significant. Therefore, the project would not make a cumulatively considerable contribution to any significant cumulative groundwater impacts.

Cumulative projects would be analyzed and mitigated on a case-by-case basis and would be designed to avoid or mitigate potential impacts related to flooding. Cumulative impacts related to flooding or seiche would therefore be less than significant with applicable mitigation. Projects would be required to adhere to all applicable building and fire codes, zoning requirements, and design standards related to potential flood flows and project inundation, and cumulative impacts would be less than significant. Because flooding is localized and site-specific, and the project area is not at risk of inundation as described under Impact HYD-4, the project would not make a cumulatively considerable contribution to any significant cumulative impact related to flood hazard or inundation risks.

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4.8 Transportation

This section presents the key assumptions, methods, and results of analysis for the transportation and circulation impacts of the proposed project. This section is based, in part, on the Transportation Impact Analysis prepared by Kittelson & Associates, Inc., in February 2024, which was peer-reviewed by W-Trans in March 2024. The Transportation Impact Analysis and peer review memo are included in Appendix D.

4.8.1 Setting

a. Existing Roadway Network

The following roadways provide local access to the project site and regional access to Novato and Marin County.

- **Highway 101** is a north-south United States highway providing statewide connections. In Marin County, it begins at the north end of the Golden Gate Bridge and traverses communities by the San Francisco Bay such as mill Valley, Larkspur, San Rafael, and Novato. Near the project site, Highway 101 has four to five lanes and has interchanges at South Novato Boulevard/State Route (SR) 37, Rowland Boulevard, and De Long Avenue.
- **Rowland Boulevard** is a four-lane arterial at the Highway 101 interchange that turns into a major collector east of the interchange and west of Novato Boulevard. Near the project site, Rowland Boulevard provides access to the Vintage Oaks Shopping Center and Highway 101 and has a separated bicycle and pedestrian path.
- **Novato Boulevard** is a four-lane, north-south collector and it intersects Rowland Boulevard west of Redwood Boulevard. Novato Boulevard travels between Highway 101 and SR 37 and continues to Petaluma.
- **Vintage Way** is a two- to four-lane collector that circles around the Vintage Oaks Shopping Center, and it connects to Rowland Boulevard on either end. Vintage Way provides access to the shopping center via seven driveways. Vintage Way has a landscaped median and bike lanes on both sides.
- **Redwood Boulevard** is a four-lane, north-south arterial beginning at Olompali State Historic Park and ending at the Highway 101 and SR 37 interchange. North of Rowland Boulevard, Redwood Boulevard provides access to retail and light industrial uses. To the south, Redwood Boulevard primarily serves residential areas.

b. Existing Transit Facilities

Marin Transit (MT) and Golden Gate Transit (GGT) provide bus service near the project site. The Vintage Oaks Shopping Center has three bus stops served by MT Route 57. Between northbound Highway 101 and the intersection of Rowland Boulevard and Rowland Way, there are two more bus stops served by MT Route 57. Between northbound Highway 101 and the Rowland Boulevard off-ramp, the Novato Park & Ride lot provides commuters with access to GGT Routes 101 and 154. The Highway 101 northbound on-ramp at Rowland Boulevard has a bus stop that is served by MT Route 71. The routes, destinations, and frequency of these MT and GGT routes are summarized below in Table 4.8-1.

Table 4.8-1 Transit Routes Near the Project Site

Route	From/To	Operation Time	Frequency
Marin Transit			
57	Novato (San Marin SMART Station) – San Rafael (Transit Center)	Weekdays 6:30 AM to 9:30 PM Weekends 8:30 AM to 8:30 PM	Every 20-30 minutes, peak Every 60 minutes, off peak
71	Novato (Redwood Boulevard and Olive Avenue) – Marin City Hub	Weekdays 5:30 AM to 11:45 PM Weekends 5:30 AM to 12:45 AM	Every 30 minutes
Golden Gate Transit			
101	Santa Rosa (Piner and Industrial) – San Francisco (Salesforce Transit Center)	4:00 AM to 12:00 AM	Every 20-30 minutes, peak Every 60 minutes, off peak
154	Atherton (Atherton Avenue) – San Francisco (4th and Folsom)	Weekdays southbound 6:00 AM to 9:00 AM Weekdays northbound 3:30 PM to 7:00 PM	Every 30 minutes

Source: Marin Transit 2023a, 2023b; Golden Gate Transit 2023a, 2023b

c. Existing Pedestrian and Bicycle Facilities

Near the project site, sidewalks are present on the inner loop around the Vintage Oaks Shopping Center on Rowland Boulevard and Vintage Way. Marked crosswalks are present at the intersections of Rowland Boulevard and Rowland Way, Rowland Boulevard and Vintage Way (north), Rowland Boulevard and Vintage Way (south), and at all except one of the driveways from Rowland Boulevard.

Bicycle facilities are categorized into the following four classes, as defined by the California Department of Transportation's Highway Design Manual:

- **Class I bikeways (bike paths)** are completely separated facilities designed for the exclusive use of bicyclists and pedestrians with minimal roadway crossing points.
- **Class II bikeways (bike lanes)** are restricted right-of-way lanes for the exclusive or semi-exclusive use of bicycles, with through travel of vehicles or pedestrians prohibited.
- **Class III bikeways (bike routes)** provide a right-of-way for bicycles, designated by signs or permanent markings. Bike routes are shared with pedestrians and vehicles.
- **Class IV bikeways (cycle tracks)** are dedicated, separated, and protected on-street lanes for bicyclists. Cycle tracks are typically located along streets with high speeds or high traffic volumes, and provide additional protection for bicyclists using separators such as concrete curbs or safe-hit posts.

The following bicycle facilities are present near the project site:

- Class I bike lane on Rowland Boulevard between Vintage Way (north) and Vintage Way (south)
- Class II bike lane on Rowland Boulevard between Novato Boulevard and Vintage Way (north)
- Class II bike lanes on Redwood Boulevard north of Rowland Boulevard
- Class II bike lane on Novato Boulevard north of Rowland Boulevard
- Class I shared use path on Novato Boulevard south of Rowland Boulevard
- Class III bike route on Redwood Boulevard south of Rowland Boulevard

4.8.2 Regulatory Setting

a. Federal

Americans with Disabilities Act of 1990

The Americans with Disabilities Act (ADA) of 1990 prohibits discrimination toward people with disabilities and guarantees, among other things, that they have equal opportunities as the rest of society to become employed, purchase goods and services, and participate in government programs and services. The ADA includes requirements pertaining to transportation infrastructure. The Department of Justice's revised regulations for Titles II and III of the ADA, known as the 2010 ADA Standards for Accessible Designs, set minimum requirements for newly designed and constructed or altered State and local government facilities, public accommodations, and commercial facilities to be readily accessible to and usable by individuals with disabilities. These standards apply to accessible walking routes, curb ramps, and other facilities.

Federal Highway Administration

The Federal Highway Administration is the agency of the United States Department of Transportation responsible for the federally funded roadway system, including the interstate highway network and portions of the primary State highway network. The Federal Highway Administration funding is provided through the Fixing America's Surface Transportation Act. Federal funds can be used to fund eligible local transportation improvements in such as projects to improve the efficiency of existing roadways, traffic signal coordination, bikeways, pedestrian facilities, and transit system upgrades.

b. State

California Transportation Development Act

The Mills-Alquist-Deddeh Act (Senate Bill [SB] 325) (also known as the Transportation Development Act) was enacted in 1971 to improve public transportation services and encourage regional transportation coordination. This law provides funding to be allocated to transit and non-transit related purposes that comply with regional transportation plans. The Transportation Development Act provides two funding sources: 1) the Local Transportation Fund, which is derived from a 0.25 percent of the general sales tax collected statewide, and 2) the State Transit Assistance fund, which is derived from the statewide sales tax on diesel fuel.

Senate Bill 743

SB 743 was signed into law by Governor Brown in 2013 and tasked the State Office of Planning and Research (OPR) with establishing new criteria and metrics for identifying and mitigating transportation impacts under CEQA. In January 2018, the OPR transmitted its proposed *CEQA Guidelines* implementing SB 743 to the California Natural Resources Agency for adoption, and in January 2019 the Natural Resources Agency finalized updates to the *CEQA Guidelines*, which incorporated SB 743 modifications, and are now in effect. SB 743 changed the way that public agencies evaluate the transportation impacts of a project, recognizing that roadway congestion, while an inconvenience to drivers, is not itself an environmental impact. In addition to new exemptions for projects consistent with specific plans, the *CEQA Guidelines* replaced congestion-based metrics, such as auto delay and level of service, with vehicle miles traveled (VMT) as the basis

for determining significant impacts, unless the Guidelines provide specific exceptions. VMT is generally defined as the total miles of travel by personal motorized vehicles a project is expected to generate in a day. When assessing a residential project, the project generated home-based VMT is divided by the number of residents expected to occupy the project to determine the VMT per capita. For land use projects, OPR identified VMT per capita, VMT per employee, and net VMT as new metrics for transportation analysis.

CEQA Guidelines Section 15064.3

Originating from SB 743, *CEQA Guidelines* Section 15064.3 establishes VMT as the most appropriate measure of transportation impacts, shifting away from the level of service (LOS) analysis that evaluated a project's impacts on traffic conditions on nearby roadways and intersections. Section 15064.3 does the following:

1. Identifies VMT (amount and distance of automobile traffic attributable to a project) as the most appropriate measure of transportation impacts;
2. Declares that a project's effect on automobile delay shall not constitute a significant environmental impact (except for projects increasing roadway capacity);
3. Creates a rebuttable presumption of no significant transportation impacts for (a) land use projects within 0.5 mile of either an existing major transit stop or a stop along an existing high quality transit corridor, (b) land use projects that reduce VMT below existing conditions, and (c) transportation projects that reduce or have no impact on VMT;
4. Allows a lead agency to qualitatively evaluate VMT if existing models are not available; and
5. Gives lead agencies discretion to select a methodology to evaluate a project's VMT but requires lead agencies to document that methodology in the environmental document prepared for the project.

In December 2018, OPR issued a Technical Advisory on Evaluating Transportation Impacts in CEQA (OPR 2018). The technical advisory contains technical recommendations regarding assessment of VMT, thresholds of significance, and mitigation measures. The technical advisory suggests a significance threshold for VMT that is based on state mandated GHG emission reduction targets. For non-retail uses, the technical advisory recommends a quantitative per capita or per employee VMT that is 15 percent below that of existing development as a possible threshold of significance that would comply with the state's long-term climate goals. For retail uses, the technical advisory recommends that a net increase in existing total VMT as a possible threshold of significance.

c. Regional and Local

Plan Bay Area 2050

The Metropolitan Transportation Commission is responsible for regional transportation planning in the nine-county San Francisco Bay Area. Metropolitan Transportation Commission and the Association of Bay Area Governments jointly updated the Regional Transportation Plan and Sustainable Communities Strategy, a federally-mandated 20-year blueprint for the region, in 2021. This Regional Transportation Plan/Sustainable Communities Strategy is known as Plan Bay Area 2050. Regional Transportation Plans must be developed in cooperation with state and local stakeholders and provide a clear vision of the regional transportation goals, policies, objectives, and strategies. This vision must be realistic and within fiscal constraints. Responsibility for approving and overseeing improvements to the State highway system rests with the California Department of

Transportation, while each local jurisdiction (cities and counties) is responsible for planning and implementing improvements to the streets within its boundaries.

Transportation Authority of Marin Congestion Management Program

The Transportation Authority of Marin (TAM) is designated as the congestion management agency for Marin County, and is tasked with preparing a Congestion Management Program (CMP) to fulfill the state legislative requirements of Propositions 111 and 116, approved in June 1990. TAM's CMP monitors the LOS of local multi-modal transportation networks, bicycle and pedestrian facilities, and transit services, and identifies improvements to the performance of these multi-modal systems. The CMP consists of a system monitoring effort, performance measurement, and capital improvement plan for these systems.

As required by state legislation, TAM maintains a travel demand model to forecast proposed changes to the transportation network. The Transportation Authority of Marin Demand Model is used to assess potential impacts on the transportation network from changes to roadways and local land uses, and is consistent with the regional model developed by the Metropolitan Transportation Commission. The Transportation Authority of Marin Demand Model incorporates land use and demographic data published by the Association of Bay Area Governments.

Novato 2035 General Plan

The City's 2035 General Plan includes the following mobility goals and policies related to transportation that are applicable to the project.

Goal MO 1: Provide a safe and efficient circulation system that accommodates all users and maintains acceptable levels of service.

- **MO 1: Land Use and Transportation Coordination.** Manage community growth and infrastructure projects so development can be adequately served by transportation facilities.
  - *MO 1a: Traffic Model.* Continue to maintain a Citywide traffic model to evaluate the balance between development and transportation. Continue to assess the cumulative traffic impacts of development proposals on the City's transportation system.
  - *MO 1b: Roadway Improvements.* Adopt a list of improvements (Table CW-2) that accommodates future growth consistent with the General Plan, enabling the roadway system to operate safely and efficiently. Prioritize construction of roadway improvements based on consideration of relevant factors including, but not limited to, funding availability, periodic analysis of traffic service levels, the location of new development, and safety considerations. Explore opportunities for innovative traffic management techniques where appropriate when considering intersection upgrades, such as roundabouts.
  - *MO 1c: Funding.* Ensure that development contributes to funding and/or implementing traffic mitigation measures. Continue to maintain and periodically update the Citywide Traffic Impact Fee.
  - *MO 1d: Construction Impacts on Streets.* Explore methods and options to secure funding for street maintenance based upon impacts associated with use.
  - *MO 1e: Traffic Signal Timing.* Optimize traffic signal timing and demand coordination to improve traffic flow and reduce fuel consumption, pollution and greenhouse gas emissions.

- **MO 2: Level of Service Standards.** Establish traffic Level of Service (LOS) standards as follows for use in evaluating the impacts of proposed development projects so the project can be redesigned or effective mitigation measures can be implemented, making improvements to the roadway system, and determining appropriate traffic impact fees. Continue to consider LOS standards in evaluating the merits of proposed development or traffic infrastructure projects in addition to consideration of standards associated with Vehicle Miles Traveled (VMT) in the required environmental review process. Acceptable LOS standards for intersections in the City are:
  a. At intersections with signals or four-way stop signs: operation at LOS D
  b. At intersections with stop signs on side streets only: operation at LOS E.

Goal MO 4: Provide a safe and convenient bicycle and pedestrian network that accommodates all ages and abilities.

- **MO 18: Comprehensive Bicycle Network.** Establish and maintain a bicycle network that is consistent with the adopted Bicycle/Pedestrian Plan.
- **MO 20: Safe and Convenient Pedestrian Facilities.** Promote, provide and maintain a safe and convenient pedestrian system, including consideration of lighting, sidewalk condition, road surface conditions, roadway crossings, access points, signage, shade landscaping, and street furniture.
  - *MO 20a: New Development and City Projects.* Require new development projects to include a sidewalk, path or shoulder on all property street frontages as deemed appropriate by City staff, and routinely include projects to close gaps in the pedestrian system on existing streets through the City's Capital Improvement Program.

Novato Bicycle/Pedestrian Plan

The City's Bicycle/Pedestrian Plan was adopted in March 2015, with an addendum adopted in June 2023. The plan outlines a recommended citywide network of sidewalks, bicycle paths, lanes, and routes, as well as bicycle and pedestrian related programs and support facilities. The plan intends to make bicycling and walking a viable transportation option for those who live, work, and recreate in Novato. The Bicycle/Pedestrian Plan outlines priority facility enhancements, safety improvements, and connectivity between destinations such as transit, neighborhoods, employment, and other community amenities, for bicyclists and pedestrians. The plan is part of a larger effort by the Transportation Authority of Marin to facilitate a coordinated update of bicycle and pedestrian plans for the County of Marin and eight of Marin's cities and towns.

4.8.3 Impact Analysis

a. Methodology

The analysis presented herein is derived primarily from a Transportation Impact Analysis prepared by Kittelson & Associates, Inc. for the project in February 2024, which was peer-reviewed by W-Trans in March 2024. The Transportation Impact Analysis and peer review memo are included in Appendix D.

As described above in 4.8.2, *Regulatory Setting,* SB 743 and *CEQA Guidelines* Section 15064.3 establish VMT as the appropriate metric for evaluating transportation impacts. Because the City of Novato has not yet adopted a standard of significance for evaluating VMT, the Transportation Impact Analysis uses the OPR *Technical Advisory on Evaluating Transportation Impacts in CEQA*'s

standard of significance for VMT. OPR's guidelines provide a VMT standard of significance for retail uses, which is whether the project would result in a net increase in existing total VMT; therefore, the project would result in a significant impact if it would result in a net increase in VMT. Because the purpose of this EIR is to identify and mitigate potentially significant impacts of the project, LOS is not discussed in the analysis. However, the Transportation Impact Analysis (Appendix D) provides information on traffic delay resulting from the proposed project.

b. Significance Thresholds

According to Appendix G of the *CEQA Guidelines*, impacts related to transportation and circulation from the proposed project would be significant if the project would:

1. Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities;
2. Conflict or be inconsistent with *CEQA Guidelines* section 15064.3, subdivision (b),
3. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment); and/or
4. Result in inadequate emergency access.

c. Project Impacts and Mitigation Measures

Threshold 1:	Would the project conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?

Impact TRA-1 THE PROJECT WOULD NOT CONFLICT WITH A PROGRAM, PLAN, ORDINANCE, OR POLICY ADDRESSING THE CIRCULATION SYSTEM, INCLUDING TRANSIT, ROADWAY, BICYCLE, AND PEDESTRIAN FACILITIES. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

Transit

The project would be required to comply with Policy MO 1c of the 2035 General Plan, which requires payment of the Citywide Traffic Impact Fee. This fee, in part, would include the fair share fee for new and expanded transportation facilities, as applicable, to City, regional and/or state facilities. Additionally, according to the Transportation Impact Analysis, the project would not be anticipated to increase transit ridership as the project is a fuel facility, which would involve vehicle trips only (Appendix D). There are no other programs, plans, ordinances, or policies addressing transit that would apply to the project. Therefore, because the project would be required to pay fair share fees consistent with the 2035 General Plan and Novato Municipal Code, the project would not conflict with a program, plan, ordinance, or policy addressing transit facilities. Impacts would be less than significant.

Roadways

LOS is no longer the metric of transportation impacts under CEQA; therefore, LOS is not discussed further in this EIR. The City General Plan includes goals and policies related to the provision of a safe and efficient circulation system. The proposed project would restripe a portion of Vintage Way to ensure adequate queuing space is available for vehicles entering the project site, and to ensure that vehicles turning left are able to do so safely without adversely affecting the flow of traffic on Vintage Way adjacent to the project site. The project does not include any other modifications to

existing roadways, and therefore would not affect the operation of the City's roadway circulation system. Therefore, impacts would be less than significant.

Bicycle and Pedestrian Facilities

As described in Section 4.8.1, *Setting,* there are Class I, Class II, and Class III bikeways near the project site on Novato Boulevard, Rowland Boulevard, and Redwood Boulevard. There are sidewalks along the inner loop of Rowland Boulevard around the Vintage Oaks Shopping Center. The project would involve relocation of an existing driveway and construction of a left-turn pocket along Vintage Way to provide access to this driveway. This lane reconfiguration would result in the replacement of approximately 200 feet of a Class II bike lane with a Class III bicycle route. Therefore, the project would not significantly impact existing bicycle facilities. Additionally, because the project would involve construction and operation of a fuel facility, the project would involve vehicle trips only and would not be expected to generate additional bicycle or pedestrian trips (Appendix D). Therefore, the project would not conflict with existing facilities or the City's Bicycle/Pedestrian Master Plan, and impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 2:	Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?

Impact TRA-2 THE PROJECT WOULD NOT CONFLICT OR BE INCONSISTENT WITH CEQA GUIDELINES SECTION 15064.3, SUBDIVISION (B). THE PROJECT WOULD RESULT IN A NET DECREASE IN VEHICLE MILES TRAVELED. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

As discussed under *Methodology,* the project would conflict with the *CEQA Guidelines* and would have a significant impact if the project would result in a net increase in VMT. The Transportation Impact Analysis (Appendix D) used a database of Costco Wholesale traffic data, which includes more than 20 years of traffic counts and other travel characteristics, to estimate vehicle trips that would be generated by the proposed project. Six types of vehicle trips, defined below, would be generated by the project and would generate VMT.

1. **Shared Warehouse Plus Gas Trips** – These trips are assumed to already take place on the network either as existing warehouse plus gas trips at other Costco facilities or as two separate trips members take to shop at the Novato warehouse and to purchase gas elsewhere. The VMT for these trips is calculated by multiplying a portion of the shared warehouse plus gas trips by an average trip distance associated with trips shifting from other Costco facilities, and multiplying a portion of the shared warehouse plus gas trips by an average trip distance for trips shifting from other fuel stations.
2. **Employee Trips** – Employee trips are evaluated separately from Costco member trips because average trip lengths for employees may differ from member trips. VMT is calculated by multiplying the expected number of daily employee shifts with an average VMT per employee, as provided by the Transportation Authority of Marin's (TAM) VMT webmap.

3. **Truck Trips** – Based on Section 15064.3 of OPR's *Technical Advisory on Evaluating Transportation Impacts in CEQA*, the VMT associated with trucks and the movement of goods is not required to be analyzed for potential transportation impacts. Therefore, truck trips are excluded from this analysis.
4. **Primary Gas-Only Trips** – Primary gas-only trips (vehicles traveling to the site for the sole purpose of visiting the fuel facility) are assumed to be trips that already exist on the network today that will shift to the new Costco fuel facility. The difference in VMT associated with shifting these trips to the new facility is calculated based on the anticipated change in average trip lengths.
5. **Diverted Gas-only Trips** – Diverted gas-only trips (vehicles making an existing trip on the roadway that travel out-of-direction to visit the site) are assumed to be existing trips shifted from existing non-Costco gas stations near the project site. The difference in VMT associated with shifting these trips to the new facility is calculated based on the anticipated change in average trip length.
6. **Pass-by-Gas-Only Trips** – Pass-by gas-only trips (vehicles making an existing trip on the adjacent roadway that stop at the site and then continue on their trip) are typically excluded from VMT calculations since pass-by trip lengths are assumed to be zero. Because the project site is located at the far end of a shopping center and is thereby offset from the arterial network, pass-by trip lengths for the project are assumed to be trips made by people already at the shopping center, are assumed to be slightly greater than zero, and are included in the VMT calculations.

VMT associated with each trip type is discussed in the following sections.

Shared Warehouse Plus Gas Trips

Regional

The Transportation Impact Analysis (Appendix D) used spatial data to determine the average trip lengths and number of trips to the two nearest existing Costco fueling facilities and the proposed facility for two scenarios: with and without the proposed fuel facility. Costco members who currently make shared trips to shop at the warehouse and get gas at Costco locations in Vallejo or Rohnert Park but who live closer to the Novato location are expected to shift these shared warehouse plus gas trips to the new location. The average trip lengths (provided in Table 4.8-2) are calculated based on weighted one-way distances, taking in to account the existing and expected shifts in member trips as a result of the project. Table 4.8-3 shows the anticipated reduction in VMT for shared warehouse plus gas trips with the introduction of the proposed fuel facility.

Table 4.8-2 Average Shared Warehouse Plus Gas Trip Lengths

	Existing			With Project		
Facility	Average Daily Transactions[1]	Total Distance (One-Way)	Average Trip Length (One-Way)	Average Daily Transactions[1]	Total Distance (One-Way)	Average Trip Length (One-Way)
Rohnert Park	658	7,346	11.2	561	4,893	8.7
Vallejo	603	4,010	6.6	589	3,588	6.1
Novato (New Facility)	0	0	0	112	1,507	13.5

Totals may not add due to rounding.

[1] This data is used to establish the proportion of trips expected to shift to the new facility. The proportions were then applied to the trip generation estimates for the existing and proposed fuel stations to estimate the portion of warehouse plus gas trips in the region expected to shift to Novato.

Source: Appendix D

Table 4.8-3 Change in VMT Associated with Regional Shared Warehouse Plus Gas Trips

	Existing			With Project		
	Average Trip Length	Daily Trips	Daily VMT	Average Trip Length	Daily Trips	Daily VMT
Rohnert Park	11.2	2,071	23,195	8.7	1,760	15,312
Vallejo	6.6	1,979	13,061	6.1	1,939	11,828
Novato (New Facility)	0	0	0	13.5	351	4,739
Total	**-**	**4,050**	**36,256**	**-**	**4,050**	**31,879**
Difference in Daily VMT (With Project Minus Existing)						**(4,377)**

Totals may not add due to rounding.
VMT = vehicle miles traveled
Source: Appendix D

Internal (Novato Warehouse)

A portion of the trips associated with the proposed project would be shared trips with the existing warehouse, when members who shop at the warehouse also buy gas during a single trip. A portion of these internal warehouse plus gas trips are existing trips shifted from other Costco sites (as described in the previous subsection). The remainder of these internal trips are anticipated to replace existing trips to non-Costco gas stations, eliminating these separate trips and the associated VMT. To assess the change in VMT associated with this trip type, it was assumed that new internal trips to the fuel facility would proportionally replace the same daily trip types—specifically, the same percentage of gas-only diverted, pass-by, and primary trips relative to total gas-only trips. Table 4.8-4 provides the estimation of daily VMT for the project's internal shared warehouse plus gas trips.

Table 4.8-4 Change in VMT Associated with Internal Shared Warehouse Plus Gas Trips

	Existing (Separate Gas Trip)			roject (Shared Warehouse Plus Gas Trip)		
Trip Type	Daily Trips	Average Trip Distance	Daily VMT	Average Trip Distance	Daily VMT	Change in Daily VMT
Primary	324	0.83	270	0	0	-270
Diverted	765	0.72	551	0	0	-551
Pass-by	810	0	0	0	0	0
Total	**1,899[1]**	**-**	**821**	**-**	**0**	**-821**

[1] 2,250 total internal trips – 351 expected to shift from other Costco facilities (see Table 4.8-3); 1,899 remaining trips expected to shift from non-Costco gas stations.
Source: Appendix D

Employee Trips

The project is expected to require two employees on site to operate the facility. With two shifts occurring daily, a total of four employees are expected to make eight daily trips. The VMT associated with these eight trips was estimated to be about 83 miles using an average VMT per employee of 20.7, which is the Marin County average VMT per employee by the Transportation Authority of Marin Demand Model.

Primary Gas-Only Trips

The project would generate a total of 4,620 gas-only trips, of which 1,385 trips would be primary gas-only trips to non-Costco gas stations already existing in the transportation network. To assess the potential change in regional VMT resulting from these trips shifting to the new Costco facility, average trip distances from member households to both the new Costco fuel facility and non-Costco gas stations were estimated. The Transportation Impact Analysis computed the average trip distance a Costco member that is a Novato resident drives from their residence to the nearest non-Costco gas station at approximately 0.83 miles, while the average trip distance to the new Costco fuel facility is 2.5 miles. Shifting of these trips to the new Costco facility would result in a daily regional VMT increase of 2,309 miles, as shown in Table 4.8-5.

Table 4.8-5 Change in VMT Associated with Primary Gas-Only Trips

	Existing	With Project	Difference
Number of Trips	1,385	1,385	-
Average Trip Length (miles)	0.83	2.5	1.67
Daily VMT	**1,154**	**3,463**	**2,309**

VMT = vehicle miles traveled

Source: Appendix D

Diverted Gas-Only Trips

Diverted trips are trips associated with members who are traveling on the surrounding street network for some other primary purpose and stop by the fuel facility during that trip. Diverted trips for the project site are likely to originate from US-101. The Transportation Impact Analysis used calculated diverted trip distances and the total number of diverted trips to calculate both existing and with-project VMT for each diversion route. Table 4.8-6 provides a summary of the average diverted trip distance for non-Costco gas stations and the new Costco fuel facility, number of diverted trips, and associated increase in daily regional VMT, estimated to be 1,607 miles.

Table 4.8-6 Change in VMT Associated with Diverted Gas-Only Trips

	Diverted Trip Distance (miles)			Number of Daily Diverted Trips	Daily VMT
	US 101 NB	US 101 SB	Average		
Non-Costco Gas Stations (Existing)	0.64	0.80	0.72	1,560	1,123
Novato Fuel Facility (With Project)	1.4	2.1	1.75	1,560	2,730
Change in Daily VMT					**1,607**

NB = northbound; SB = southbound; VMT = vehicle miles traveled

Source: Appendix D

Pass-by Gas-Only Trips

Pass-by trips are typically assumed to add no new VMT, as they are existing trips that require no out-of-direction travel. However, because the project site is situated more than 0.5 mile south of Rowland Boulevard within a shopping center, pass-by gas-only trips were quantified in the Transportation Impact Analysis. The project would result in new pass-by trips that would replace existing pass-by trips at nearby non-Costco gas stations. As shown in Table 4.8-7, the project would result in an anticipated increase of 497 daily regional VMT from pass-by gas-only trips.

Table 4.8-7 Change in VMT Associated with Pass-By Gas-Only Trips

	Existing	With Project	Difference
Number of Trips	1,655	1,655	-
Average Trip Length (miles)	0	0.3	0.3
Daily VMT	**0**	**497**	**497**

VMT = vehicle miles traveled
Source: Appendix D

Summary

The overall change in regional daily VMT associated with the project is summarized below in Table 4.8-8. As shown therein, the proposed project would be expected to result in a net decrease of 702 daily VMT. Therefore, the proposed project would result in a net decrease in VMT. Accordingly, the project would not exceed the standard of significance used for this analysis (net increase in VMT). The project would not conflict or be inconsistent with *CEQA Guidelines* Section 15064.3, subdivision (b), and impacts would be less than significant.

Table 4.8-8 Overall Change in Daily VMT Associated with the Proposed Project

Member Trip Type	Existing Daily VMT	With Project Daily VMT	Change in Regional Daily VMT
Regional Warehouse Plus Gas Trips	36,256	31,879	-4,377
Internal Shared Warehouse Plus Gas	821	0	-821
Employee Trips	0	83	83
Primary Gas-Only Trips	1,154	3,463	2,309
Diverted Gas-Only Trips	1,123	2,730	1,607
Pass-by-Gas-Only Trips	0	497	497
Total VMT	**39,354**	**38,652**	**-702**

VMT = vehicle miles traveled
Source: Appendix D

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 3: Would the project substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible use (e.g., farm equipment)?

Impact TRA-3 THE PROJECT WOULD NOT SUBSTANTIALLY INCREASE HAZARDS DUE TO A GEOMETRIC DESIGN FEATURE OR INCOMPATIBLE USE. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

The fuel facility would be primarily accessed by two driveways along Vintage Way. As part of the project, the westernmost driveway would be relocated approximately 60 feet north of its current

location, and a left-turn pocket would be added to Vintage Way to provide access to this driveway. This lane reconfiguration would result in the replacement of an approximately 200-foot segment of Class II bike lane with a Class III bicycle route (i.e., bicycles and vehicles share the same lane) and associated pavement markings and signs.

The project, including the lane configuration, would not increase hazards due to a geometric design feature or incompatible uses. The lane configuration would provide a separate left turn lane to enter the Costco site and the fuel facility, which would maintain an acceptable flow of traffic on Vintage Way with the addition of vehicle trips generated by the project. Additionally, most vehicles traveling to and from the project site under existing conditions are shoppers' passenger vehicles and commercial vehicles performing deliveries. The project would also involve passenger and commercial vehicle trips, and would not introduce an incompatible use to the project site. Therefore, the project would not substantially increase hazards due to a geometric design feature or incompatible uses, and impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

Threshold 4: Would the project result in inadequate emergency access?

Impact TRA-4 THE PROJECT WOULD NOT RESULT IN INADEQUATE EMERGENCY ACCESS TO THE PROJECT SITE. IMPACTS WOULD BE LESS THAN SIGNIFICANT.

During construction and operation of the proposed project, the project site would continue to be accessible via Vintage Way, Rowland Boulevard, and internal driveways within the Vintage Oaks Shopping Center. During construction, the westernmost driveway to the Costco parking lot along Vintage Way would be relocated approximately 60 feet north; although this driveway would be closed during construction, adequate emergency access would be maintained via other driveways to the project site. Construction of the project would not require closure of Vintage Way. Therefore, the project would not result in inadequate emergency access, and impacts would be less than significant.

Mitigation Measures

No mitigation is required.

Significance After Mitigation

Impacts would be less than significant.

4.8.4 Cumulative Impacts

The cumulative impacts assessment area for transportation includes Novato, Marin County, and the greater San Francisco Bay Area. This is an appropriate assessment area for transportation because most regional traffic originates from and has destinations within this area. While some vehicle trips do originate and end outside of the region, these trips are generally on freeways and do not contribute to trips on local collectors.

The project and other cumulative projects in the area would increase VMT and demand for bicycle and pedestrian facilities in the project vicinity and in the cumulative region. Buildout of cumulative projects (Table 3-1 in Chapter 3, *Environmental Setting*) would add additional residential and commercial development to the region. Development that is proximate to transit stops would increase ridership on MCT and GGT routes and the SMART rail line. If transit service and capacity remain unchanged as buildout of the planned projects occur, increased ridership could cause deficiencies in transit service. Cumulative impacts to transit would be potentially significant. As described above for Impact TRA-1, the proposed project would be consistent with 2035 General Plan policies and City planning documents related to transit, roadway, bicycle, and pedestrian facilities. The project would also pay the required traffic impact fees. Therefore, the project would not result in a considerable contribution to significant cumulative impacts related to transit, roadway, bicycle, and pedestrian facilities.

Cumulative projects would result in increased vehicle use on area roadways. The increased use of vehicles in the area would result in a correlating increase in VMT. Development of cumulative projects would increase VMT above existing conditions; therefore, cumulative impacts would be significant. The proposed project would result in a net decrease in VMT. Therefore, while cumulative impacts would be significant, the project would not result in a considerable contribution to this cumulative impact.

Impacts related to design hazards and emergency access are generally site specific, and cumulative impacts from planned development would not be significant. As described under Impacts TRA-3 and TRA-4, impacts related to these topics resulting from the proposed project would be less than significant; therefore, the project would not have a considerable contribution to this cumulative impact.

4.9 Tribal Cultural Resources

This section analyzes the proposed project's potential impacts related to tribal cultural resources, as identified by locally affiliated Native American tribes. The analysis in this section is based on tribal consultation as well as a Cultural Resources Study prepared for the project by Rincon Consultants, Inc. (Rincon) in October 2020 and additional background research conducted by Rincon in April 2023. The full Cultural Resources Technical Memorandum is referenced as confidential Appendix H of this EIR; this Memorandum is not included in the EIR to protect sensitive information about cultural resources.

4.9.1 Setting

a. Ethnographic Background

The project site is located in the traditional tribal territory of the Coastal Miwok. The Coastal Miwok are members of the larger Miwokan subgroup of the Utian language family inhabiting the northern area of Sherman Island surrounding Mount Diablo (Kroeber 1925; Levy 1978). Coastal Miwok territory is bordered by the Pomo to the north, Wappo to the northeast, and Patwin to the east.

Miwok settlements typically included thatched, conical houses and semi-subterranean earth-covered dwellings in winter, constructed by higher status families. Houses generally had a central hearth and an earth oven for cooking purposes. Large, semi-subterranean assembly houses were constructed for use as a ritual and social gathering place. In summer, a circular brush hut was constructed for use in mourning ceremonies. Other structures included sweathouses for curing disease and purification prior to hunting, small conical structures used by menstruating women, and grinding houses built over bedrock mortars to permit food processing in inclement weather. Acorn granaries were constructed for long-term acorn storage (Kroeber 1925; Levy 1978).

Miwok social organization is characterized by the moiety pattern, with all living things belonging to one of two categories: land and water. Moieties typically married outside their own groups which played an important role in many ceremonies (Levy 1978). On the other hand, political organization centered on small tribelets of approximately 300 to 500 people and several distinct settlements. A chief headed each tribelet, and a representative of the chief of each settlement had oversight of local affairs. Chiefs acted as advisors and managed use of natural resources by preventing trespassing on tribelet territory and determining the appropriate time to begin the acorn harvest each season. The chief also arbitrated any disputes and sanctioned the punishment of criminal offenders (Kroeber 1925; Levy 1978).

Traditional Miwok artistry includes twined and coiled basketry, usually from willow and redbud trees. Other activities included the manufacturing of tule mats used as floor covering. Woven blankets were often made of rabbit skin strips or feathers attached to cordage woven from plant fibers. Tule balsa rafts would be used to navigate rivers and sloughs (Levy 1978).

Traditional Miwok subsistence practices centered on the use of acorns and other seeds as primary plant food sources and on hunting of mule deer, tule elk, pronghorn antelope, and various species of waterfowl. Hunting was done typically with a sinew-backed bow and arrow. Fishing was a particularly important activity for the Miwok, primarily with various types of nets. Seines were used in large rivers and sloughs where the pace of water flow was slow. Hook and line was typically used to take sturgeon, while harpoons were the most common implement for salmon fishing (Levy 1978).

The Coast Miwok were exploited for labor by Mission Dolorés, established in 1800 in San Francisco, and later by the Mexican land grant holders. As a direct result of the establishment of the mission system, the Coast Miwok population dramatically declined. After the establishment of the United States, the Coast Miwok were legally prevented from owning land in their traditional territories. Despite this, Coast Miwok continue to populate the Marin area, with the federal recognition of the Federated Indians of Graton Rancheria restored in 2000 (Milliken et al. 2009; Federated Indians of Graton Rancheria 2016). The Coast Miwok Tribal Council of Marin was established in 2020 with the purpose of renewing the traditional customs and practices of their ancestors and continue, with prayer and ceremony, to feed the land (Coast Miwok of Marin 2023).

b. Existing Conditions

As part of the project's tribal cultural resource identification process pursuant to California Assembly Bill (AB) 52, the City prepared and sent letters via certified mail to Native American tribal contacts identified by the NAHC as being traditionally and culturally affiliated with the project site on May 8, 2020. The tribal contacts included Greg Sarris, Chairperson of the Federated Indians of Graton Rancheria (FIGR) and Merlene Sanchez, Chairperson of the Guidiville Indian Rancheria.

Guidiville Indian Rancheria did not request consultation. The City received a response from FIGR on July 16, 2020, requesting consultation for the project. The City and FIGR met via conference call to discuss the project on July 20, 2020. On August 12, 2020, the City provided FIGR with the results of the NWIC request and cultural resources memorandum prepared by Rincon. FIGR provided comments via email on draft mitigation measures on October 19, 2020. The City agreed to FIGR's requested revisions on November 20, 2020, and concluded consultation. The impact analysis and mitigation measures included in this section incorporate requests from FIGR.

In addition, Rincon completed a cultural resources study of the project site in October 2020 (Appendix H). The study consisted of a California Historical Resources Information System records search of the project site as well as a 0.5-mile radius around the project site at the Northwest Information Center (NWIC) including a review of the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), and the California State Office of Historic Preservation Built Environment Directory, a review of the Sacred Lands File, informal Native American outreach, and a pedestrian field survey. Following the cultural resources study, Rincon conducted additional background research in April 2023 to determine the likelihood of the site containing subsurface Native American archaeological resources. Background research included a review of historical aerial photographs, topographic maps, ethnographic publications, and a geotechnical report conducted for the project.

4.9.2 Regulatory Setting

a. State Regulations

Assembly Bill 52

AB 52 expanded CEQA by defining a new resource category, "tribal cultural resources." AB 52 establishes that "a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment" (PRC Section 21084.2). AB 52 further states when feasible, the lead agency shall establish measures to avoid impacts that would alter the significant characteristics of a tribal cultural resource (PRC Section 21084.3). PRC Section 21074 (a)(1)(A) and (B) defines tribal cultural

resources as "sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American Tribe," and meets either of the following criteria:

a. Listed or eligible for listing in the CRHR, or in a local register of historical resources as defined in PRC Section 5020.1(k).
b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of PRC Section 5024.1. In applying the criteria set forth in subdivision (c) of PRC Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American Tribe.

In recognition of California Native American tribal sovereignty and the unique relationship of California local governments and public agencies with California Native American tribal governments and with respect to the interests and roles of project proponents, it is the intent AB 52 to accomplish the following:

1. Recognize that California Native American prehistoric, historic, archaeological, cultural, and sacred places are essential elements in tribal cultural traditions, heritages, and identities.
2. Establish a new category of resources in CEQA called "tribal cultural resources" that considers the tribal cultural values in addition to the scientific and archaeological values when determining impacts and mitigation.
3. Establish examples of mitigation measures for tribal cultural resources that uphold the existing mitigation preference for historical and archaeological resources of preservation in place, if feasible.
4. Recognize that California Native American tribes may have expertise with regard to their tribal history and practices, which concern the tribal cultural resources with which they are traditionally and culturally affiliated (because CEQA calls for a sufficient degree of analysis, tribal knowledge about the land and tribal cultural resources at issue should be included in environmental assessments for projects that may have a significant impact on those resources).
5. In recognition of their governmental status, establish a meaningful consultation process between California Native American tribal governments and lead agencies, respecting the interests and roles of all California Native American tribes and project proponents, and the level of required confidentiality concerning tribal cultural resources, early in the CEQA environmental review process, so that tribal cultural resources can be identified, and culturally appropriate mitigation and mitigation monitoring programs can be considered by the decision-making body of the lead agency.
6. Recognize the unique history of California Native American tribes and uphold existing rights of all California Native American tribes to participate in, and contribute their knowledge to, the environmental review process pursuant to CEQA.
7. Ensure that local and tribal governments, public agencies, and project proponents have information available, early in CEQA environmental review process, for purposes of identifying and addressing potential adverse impacts to tribal cultural resources and to reduce the potential for delay and conflicts in the environmental review process.
8. Enable California Native American tribes to manage and accept conveyances of, and act as caretakers of, tribal cultural resources.
9. Establish that a substantial adverse change to a tribal cultural resource has a significant effect on the environment.

AB 52 also establishes a formal consultation process for California tribes regarding those resources. The consultation process must be completed before a CEQA document can be certified or adopted. AB 52 requires that lead agencies "begin consultation with a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project." Native American tribes to be included in the process are those that have requested notice of projects proposed in the jurisdiction of the lead agency.

Codes Governing Human Remains

The disposition of human remains is governed by Section 7050.5 of the California Health and Safety Code and Sections 5097.94 and 5097.98 of the PRC and falls within the jurisdiction of the Native American Heritage Commission (NAHC). If human remains are discovered, the County Coroner must be notified within 48 hours and there should be no further disturbance to the site where the remains were found. If the remains are determined by the coroner to be Native American, the coroner is responsible for contacting the NAHC within 24 hours. The NAHC, pursuant to Section 5097.98, will immediately notify those persons it believes to be most likely descended from the deceased Native Americans so they can inspect the burial site and make recommendations for treatment or disposal.

b. Local Regulations

The City of Novato General Plan 2035, which was adopted in October 2020, includes the following policy relating to tribal cultural resources (City of Novato 2020). As presented in the Community Character section of Chapter 2: Great Places, this policy is:

- **CC 2a: Tribal Cultural Resources Protection.** The city shall comply with AB 52, which may require formal tribal consultation on a project-by-project basis.

4.9.3 Impact Analysis

a. Methodology and Significance Thresholds

If a project may cause a substantial adverse change in the characteristics of a resource that convey its significance or justify its eligibility for inclusion in the CRHR or a local register, either through demolition, destruction, relocation, alteration, or other means, then the project would have a significant effect on the environment (*CEQA Guidelines* Section 15064.5[b]). Appendix G of the *CEQA Guidelines* indicates that a project's impacts to tribal cultural resources would be significant if the project would:

1. Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:
    a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or
    b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.

Direct impacts can be assessed by identifying the types and locations of proposed development, determining the exact locations of cultural resources within the project site, assessing the significance of the resources that may be affected, and determining the appropriate mitigation. Removal, demolition, or alteration of historical resources can permanently impact the historic fabric of an archaeological site, building, structure, or historic district.

b. Project Impacts and Mitigation Measures

Threshold 1a:	Would the project cause a substantial adverse change in the significance of a tribal cultural resource as defined in Public Resources Code Section 21074 that is listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?
Threshold 1b:	Would the project cause a substantial adverse change in the significance of a tribal cultural resource as defined in Public Resources Code Section 21074 that is a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision © of Public Resources Code Section 5024.1?

Impact TCR-1 GRADING AND EXCAVATION REQUIRED FOR THE PROPOSED PROJECT HAS THE POTENTIAL TO IMPACT TRIBAL CULTURAL RESOURCES. IMPACTS WOULD BE LESS THAN SIGNIFICANT WITH MITIGATION.

One tribal cultural resource has been previously recorded within the project site. Additionally, because the project involves ground disturbance, there is the possibility of encountering previously undisturbed subsurface tribal cultural resources during construction of the project. Therefore, the project could result in potentially significant impacts to tribal cultural resources. The following mitigation measures were developed in consultation with FIGR to avoid or minimize potentially significant impacts to tribal cultural resources. Accordingly, Mitigation Measures TCR-1a through TCR-1c are required to reduce impacts to a less than significant level.

Mitigation Measures

TCR-1a Avoidance of Tribal Cultural Resources

When feasible, project construction shall avoid tribal cultural resources.

TCR-1b Tribal Cultural Resources Treatment Plan

Prior to construction of the fuel facility project, the City of Novato, project proponent, or its consultant(s), shall prepare a tribal cultural resource treatment plan to be implemented in the event an unanticipated archaeological resource that may be considered a tribal cultural resource is identified during construction, subject to review and acceptance by the City of Novato. The plan would include suspension of all earth-disturbing work in the vicinity of the find, avoidance of the resource or, if avoidance of the resource is infeasible, the plan would outline the appropriate treatment of the resource in coordination with the FIGR and, if applicable, a qualified archaeologist. Examples of appropriate treatment for tribal cultural resources include, but are not limited to, protecting the cultural character and integrity of the resource, protecting traditional use of the resource, protecting the confidentiality of the resource, or heritage recovery.

TCR-1c Native American Monitoring

All earth-disturbing work, including archaeological excavation, associated with the fuel facility project shall be observed by a local Native American monitor affiliated with the FIGR. In the event of a discovery of tribal cultural resources, the steps identified in the tribal cultural resources plan prepared under measure CUL-2b shall be implemented.

Significance After Mitigation

By implementing Mitigation Measures TCR-1a, TCR-1b, and TCR-1c, the City would require steps to protect or treat significant tribal cultural resources if encountered during construction, resulting in a less than significant impact. Impacts would be reduced with TCR-1a because tribal cultural resources will be avoided when feasible, thereby eliminating any impacts. Impacts would be reduced with TCR-1b because the treatment plan outlines procedures in the event of an unanticipated discovery, thereby preventing confusion or delay in the treatment of those discoveries. Finally, impacts would be reduced with TCR-1c because tribal monitors will be able to observe construction, thereby identifying unanticipated discoveries and preventing disturbance or destruction by stopping work appropriately.

4.9.4 Cumulative Impacts

The geographic scope for cumulative tribal cultural resource impacts includes FIGR traditional territory. This geographic scope is appropriate for tribal cultural resources because tribal cultural resources are regionally specific and determined by the local tribes. Cumulative buildout in this region, including projects listed in Table 3-1 in Section 3, *Environmental Setting*, would have the potential to adversely impact tribal cultural resources. Cumulative development within the vicinity of the project site would continue to disturb areas with the potential to contain tribal cultural resources. For other developments that would have significant impacts on tribal cultural resources, similar conditions and mitigation measures described herein would be imposed on those other developments consistent with the requirements of CEQA, along with requirements to comply with all applicable laws and regulations governing said resources.

Future cumulative projects could result in impacts to previously unknown tribal cultural resources. Such impacts would be addressed on a case-by-case basis, and appropriate mitigation measures developed; however, cumulative impacts to tribal cultural resources are conservatively considered to be significant. Because of the lack of known tribal cultural resources on the project site or in the immediate vicinity, the project would not make a cumulatively considerable contribution to significant cumulative historic resource impacts.

Cumulative development could impact known or unknown tribal cultural resources. This would be a potentially significant cumulative impact. Cumulative projects would undergo project-specific environmental review when it is determined that the potential for significant impacts exists. If future cumulative projects would result in impacts to known or unknown tribal cultural resources, impacts to such resources would be addressed on a case-by-case basis and would be subject to required tribal consultation to identify potential impacts to tribal cultural resources, similar to the requirements imposed for the proposed project. As such, cumulative impacts would be less than significant with mitigation. As described under Impacts TCR-1, Mitigation Measures TCR-1a, TCR-1b, and TCR-1c, would ensure that project-level impacts to unknown tribal cultural resources are adequately mitigated. After implementation of these proposed mitigation measures, the project would not have a considerable contribution to cumulative tribal cultural resources impacts.

5 Other CEQA Required Discussions

This section discusses growth-inducing impacts, irreversible environmental impacts, and removal of obstacles to growth that would be caused by the proposed project.

5.1 Growth Inducement

CEQA Guidelines Section 15126(d) requires a discussion of a proposed project's potential to foster economic or population growth, including ways in which a project could remove an obstacle to growth. Growth does not necessarily create significant physical changes to the environment. However, depending upon the type, magnitude, and location of growth, it can result in significant adverse environmental effects. The proposed project's growth-inducing potential is therefore considered significant if project-induced growth could result in significant physical effects in one or more environmental issue areas.

5.1.1 Population Growth

The proposed project would not directly generate population growth because it does not include residential uses. The proposed project will be staffed by four Costco employees, two per shift, which would be a negligible increase in the number of employees and residents within Novato. Although the proposed project would generate incremental job growth within the City, this growth is planned for within the City's General Plan, which designates the site as General Commercial (GC). The site is zoned Planned District (PD), as defined by the City's Zoning Ordinance and the Land Use Element of the General Plan. In addition, the project site is regulated by the Vintage Oaks Precise Development Plan (PDP). The PDP specifies the level of intensity and type of development that can occur at Vintage Oaks consistent with the General Plan's vision for the area. The proposed project would neither directly nor indirectly lead to substantial or unforeseen population growth in the City, but could marginally contribute to anticipated growth. Therefore, any population growth associated with the project would not result in significant long-term physical environmental effects.

5.1.2 Economic Growth

As discussed in Section 5.1.1, *Population Growth,* the proposed project could generate minimal incremental job growth within the city that aligns with the current land use, zoning, and goals of the City's General Plan. As mentioned above, the Vintage Oaks PDP specifies the level of intensity and type of development that can occur at Vintage Oaks consistent with the General Plan's vision for the area. The proposed project would likely result in considerable economic benefits to the City of Novato due to tax revenue from gasoline sales, but would neither directly nor indirectly lead to substantial or unforeseen private sector economic growth but would contribute to anticipated growth.

The proposed project would not be expected to induce substantial economic expansion to the extent that direct physical environmental effects would result. Moreover, the environmental effects associated with any future development in or around Novato would be addressed as part of the CEQA environmental review for such development projects.

5.1.3 Removal of Obstacles to Growth

The proposed project is located in a fully developed area that is well served by existing infrastructure. Existing infrastructure in Novato would be adequate to serve the project. Minor improvements to water, sewer, and drainage connection infrastructure would be needed, but would be sized to specifically serve the proposed project. The proposed project would not introduce a significant change to existing circulation and would be intended to accommodate expected traffic volumes and project site access needs. No new roads would be required. Because the project constitutes development within a developed area and would not require the extension of new infrastructure through undeveloped areas, project implementation would not remove an obstacle to growth.

5.2 Irreversible Environmental Effects

The *CEQA Guidelines* require that EIRs contain a discussion of significant irreversible environmental changes. This section addresses non-renewable resources, the commitment of future generations to the proposed uses, and irreversible impacts associated with the proposed project.

The proposed project involves development on a currently developed lot in the City of Novato. Construction and operation of the project would involve an irreversible commitment of construction materials and non-renewable energy resources. The project would involve the use of building materials and energy, some of which are non-renewable resources, to construct the overall 10,244-square-foot fuel dispenser canopy. Consumption of these resources would occur with any development in the region and are not unique to the proposed project.

The proposed project would also result in the irreversible use of non-renewable energy resources such as petroleum products; however, as described in Section 4.8, *Transportation*, and the Transportation Impact Analysis (Appendix D), the project would result in a net decrease in vehicle miles traveled (VMT), which would result in a net decrease in the use of vehicle fuel. The project would not connect to or utilize natural gas. The project would be subject to the energy conservation requirements of the California Energy Code (Title 24, Part 6, of the California Code of Regulations, *California's Energy Efficiency Standards for Residential and Nonresidential Buildings*) and the California Green Building Standards Code (Title 24, Part 11 of the California Code of Regulations). The California Energy Code provides energy conservation standards for all new and renovated buildings constructed in California, and the Green Building Standards Code requires solar access, natural ventilation, and stormwater capture. Consequently, the project would not use unusual amounts of energy or construction materials and impacts related to consumption of non-renewable and slowly renewable resources would be less than significant. Again, consumption of these resources would occur with any development in the region and is not unique to the proposed project.

The proposed project includes the construction of a new gasoline fueling facility, which would sell gasoline to Costco members. The fueling facility is intended to accommodate existing demand for gasoline. While operation of the project would result in the sale of petroleum products, the project itself would not increase the demand for or use of petroleum products as compared to existing conditions. Due to the nature of gas purchases, members who would purchase fuel at the proposed fuel facility are already purchasing gas at existing gas stations under existing conditions. Additionally, as described in Section 4.8, *Transportation*, the project would result in a net decrease in VMT, thus decreasing the use of petroleum products in the region.

The project would also require a commitment of law enforcement, fire protection, water supply, wastewater treatment, and solid waste disposal services. However, as discussed in Environmental Checklist Sections 15 and 19 of the Initial Study (Appendix A), impacts to these service systems would be less than significant.

The proposed project would redistribute local traffic and thus, vehicle-generated regional air pollutant and GHG emissions through the modification of driver behavior, with more trips to the project site and fewer trips to other gas station facilities, as described in Section 4.8, *Transportation*, and Appendix D. However, as discussed in Section 4.1, *Air Quality* of this EIR, development and operation of the project would not generate air pollutant emissions that would result in a significant impact. Additionally, Section 4.8, *Transportation*, of this EIR concludes that there would be no net increase in VMT as a result of the project, and long-term impacts associated with the proposed project would be less than significant based on City and regional thresholds.

CEQA requires decision-makers to balance the benefits of a proposed project against its unavoidable environmental risks in determining whether to approve a project. The analysis contained in this EIR concludes that the proposed project would not result in significant and unavoidable impacts.

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6 Alternatives

As required by Section 15126.6 of the *CEQA Guidelines*, this EIR examines a range of reasonable alternatives to the proposed project that would attain most of the basic project objectives but would avoid or substantially lessen the project's significant adverse impacts. Although there are no unavoidable significant adverse impacts identified in this EIR, this analysis is included in order to meet the requirements of CEQA and to consider whether any feasible alternative would lessen or avoid significant effects requiring mitigation. As discussed in Section 2, *Project Description*, the objectives for the proposed project are as follows:

- Develop a new fuel facility as an extension of the Costco Wholesale in the Vintage Oaks Shopping Center to support the fueling needs of local Costco members.
- Design and construct a project in accordance with Costco's Fueling Facility Program that provides details on proposed safety and design features intended to provide environmental safeguards and prevent public health or hazardous materials issues.
- Develop a fuel facility of a design providing safe and efficient vehicle circulation (customer vehicles and fuel trucks) and minimizing customer wait and vehicle idling times.

Included in this analysis are three alternatives, including the CEQA-required "no project" alternative, that involve changes to the project that may reduce the project-related environmental impacts as identified in this EIR. Alternatives have been developed to provide a reasonable range of options to consider that would help decision makers and the public understand the implications of revising certain components of the proposed project.

The following alternatives are evaluated in this EIR:

- Alternative 1: No Project
- Alternative 2: Reduced Project
- Alternative 3: Alternative Location

Descriptions of the alternatives are included in the impact analysis for each alternative. The potential environmental impacts of each alternative are analyzed in Sections 6.2 through 6.4.

6.1 Alternatives Considered but Rejected

The *CEQA Guidelines* state that an EIR should identify any alternatives that were considered by the lead agency but were rejected as infeasible during the scoping process and briefly explain the reasons underlying the lead agency's determination (*CEQA Guidelines* Section 15126.2[c]). The City considered and subsequently rejected the following alternatives, for the reasons listed below:

- **Installation of electric vehicle (EV) chargers in lieu of the proposed gas station**. This alternative was recommended by a commenter during scoping of the EIR. This alternative would not meet the basic objectives of the project, which are to install a new Costco gasoline fueling facility to meet the fueling needs of local Costco members. Although California is experiencing rapid growth in EV ownership, a majority of the State's fleet is still gasoline powered. As of 2022, 82 percent of on-road vehicles in Marin County are gasoline powered, indicating a high existing demand for gasoline service stations (CEC 2022).

- **Construction of housing in lieu of the proposed gas station**. This alternative was recommended by a commenter during scoping of the EIR. This alternative would not meet the basic objectives of the project, which are to install a new Costco gasoline fueling facility to meet the fueling needs of local Costco members. Additionally, the project site is zoned Planned Development (PD) and has a General Plan land use designation of General Commercial (CG). This zoning and land use designation do not allow for the development of housing.

6.2 Alternative 1: No Project

6.2.1 Description

The No Project Alternative assumes that the proposed fuel facility would not be constructed, the existing driveway along Vintage Way would not be relocated, the lane reconfiguration on Vintage Way would not occur, and the proposed landscaping and parking lot modifications would not occur. The No Project Alternative would not involve removing 129 parking spaces and the project site would remain a parking lot for Costco and the Vintage Oaks Shopping Center. The No Project Alternative would not fulfill any project objectives because this alternative would not include construction and operation of a new fuel facility.

As noted below, Alternative 1 would have greater transportation impacts than the proposed project, and lesser impacts than the proposed project to the remaining resources areas, including air quality, biological resources, cultural resources, energy and greenhouse gas emissions, geology and soils, hazards and hazardous materials, hydrology and water quality, and tribal cultural resources.

6.2.2 Impact Analysis

a. Air Quality

Under Alternative 1, no construction would occur. Therefore, this alternative would not result in new air emissions that could conflict with or obstruct implementation of the Bay Area Air District's (Air District) Air Quality Management Plan, result in a cumulatively considerable net increase of any criteria air pollutant, expose sensitive receptors to substantial pollutant concentrations, or expose sensitive receptors to substantial odor emissions. Therefore, Alternative would have no impact. Overall, impacts to air quality under Alternative 1 would be reduced compared to the proposed project.

b. Biological Resources

Under Alternative 1, no ground disturbance would occur. Therefore, this alternative would not result in any new impacts to special-status species, and Mitigation Measures BIO-1 would not be required. No impact would occur to sensitive natural communities or wetlands. Alternative 1 would not interfere with wildlife movement and would not conflict with local policies or ordinances. Therefore, no impacts to biological resources would occur under Alternative 1, and impacts would be reduced compared to the proposed project.

c. Cultural Resources

Under Alternative 1, no construction would occur. Therefore, this alternative would not result in new impacts to cultural resources. Because no ground-disturbing activities would occur under Alternative 1, implementation of Mitigation Measure CUL-2a, CUL-2b, and TCR-1a through TCR-1c

would not be required. There would be no impact to cultural resources under Alternative 1, and impacts would be reduced compared to the proposed project.

d. Energy and Greenhouse Gas Emissions

Alternative 1 would not involve construction or operation of new a new fuel facility at the project site. Therefore, this alternative would not generate construction or operational greenhouse gas (GHG) emissions or increase energy use. Alternative 1 would therefore not conflict with the Air District thresholds . Thus, implementation of Mitigation Measure GHG-3 would not be required. There would be no impact to energy or GHG under Alternative 1, and impacts would be reduced compared to the proposed project.

e. Geology and Soils

Under Alternative 1, no construction would occur. Alternative 1 would not involve construction of new residences or additional structures on site and would therefore not increase the exposure to risk of loss, injury, or death due to rupture of a known earthquake fault; increase exposure to ground shaking; or introduce new risks to life or property due to expansive soils, liquefaction, or landslide. No impact would occur, and impacts would be reduced compared to the proposed project.

Alternative 1 would not result in substantial erosion or the loss of topsoil, and preparation of a Stormwater Pollution Protection Plan (SWPPP) would not be required. Additionally, because Alternative 1 would not involve ground-disturbing activities, this alternative would not result in impacts to underlying geologic units. Therefore, no impact to paleontological resources would occur and implementation of Mitigation Measure GEO-9 would not be required.

Overall, Alternative 1 would have no impacts related to geology and soils, and implementation of Mitigation Measures GEO-9 would not be required. Impacts to geology and soils would be reduced under this alternative compared to the proposed project.

f. Hazards and Hazardous Materials

Under Alternative 1, no construction would occur. Impacts to hazardous materials, including the transport and use of hazardous materials, accidental release of hazardous materials, and interference with an emergency response plan or evacuation plan would be less than that of the proposed project, as there would no longer be a new fuel facility. Overall, no impact to hazard and hazardous material would occur under Alternative 1 and impacts would be reduced compared to the proposed project.

g. Hydrology and Water Quality

Under Alternative 1, no construction would occur. Alternative 1 would result in no new impacts to surface or groundwater quality. Alternative 1 would not introduce a new conflict with sustainable groundwater management objectives for the basin, similar to the proposed project. Alternative 1 would not modify existing drainage patterns, risk of flooding, or water quality control. Alternative 1 eliminates the risk of releasing pollutants due to inundation, as there would be no new structures or facilities. Overall, Alternative 1 would result in no impact to hydrology and water quality, and reduced impacts in comparison to the proposed project.

h. Transportation

This alternative would not construct a fuel facility or relocate an existing driveway along Vintage Way. Accordingly, Alternative 1 would not result in new impacts to existing transit, roadway, bicycle, and pedestrian facilities and would not conflict with a program, plan, ordinance, or policy addressing the circulation system. This alternative would not change vehicle miles traveled (VMT) from existing conditions (i.e., Alternative 1 would result in 0 daily VMT); however, as the proposed project results in a net reduction of 702 daily VMT, Alternative 1 would result in greater VMT than the proposed project. Alternative 1 would not involve alterations to existing roadways and would therefore not increase hazards due to geometric design features or result in inadequate emergency access. Therefore, Alternative 1 would have no impacts to transportation impacts, but overall impacts would be greater than the proposed project due to the increase in total daily VMT as compared to the project.

i. Tribal Cultural Resources

Under Alternative 1, no construction would occur. Therefore, this alternative would not result in new impacts to tribal cultural resources. Because no ground-disturbing activities would occur under Alternative 1, implementation of Mitigation Measure TCR-1a through TCR-1c would not be required. There would be no impact to tribal cultural resources under Alternative 1, and impacts would be reduced compared to the proposed project.

6.3 Alternative 2: Reduced Project

6.3.1 Description

Similar to the proposed project, this alternative would involve removal of 129 parking spaces in the Costco parking lot and construction of a new fuel facility within the project site, with a reduced number of pumps (10) and fueling positions (20) as compared to the proposed project, which proposes 14 pumps and 28 fueling positions. This alternative would also involve relocation of the existing driveway along Vintage Way, reconfiguration of the lanes along Vintage Way, and proposed landscaping, the same components as the proposed project. The reduction in gasoline fueling positions would result in reduced vehicle trips through modified consumer behavior associated with the smaller station.

This alternative would generally fulfill two of the three project objectives as it would involve development of a new fuel facility to support the fueling needs of local Costco members, and construction of a fuel facility in accordance with Costco's Fueling Facility Program. However, this alternative would less effectively fulfill the first project objective compared to the proposed project as it would not meet the full demand for gasoline fueling services by local Costco members. This alternative would not fulfill the remaining project objective to develop a fuel facility of a design providing safe and efficient vehicle circulation and minimizing customer wait and vehicle idling times because it would result in longer vehicle queues and customer wait time compared to the project.

As noted below, Alternative 2 would have similar impacts to biological resources, cultural resources, and tribal cultural resources as compared to the proposed project; and lesser impacts than the proposed project to the remaining resources areas, including air quality, energy and greenhouse gas emissions, geology and soils, hazards and hazardous materials, hydrology and water quality, and transportation.

6.3.2 Impact Analysis

a. Air Quality

Construction of the reduced facility would be generally the same as construction of the proposed project and no changes to construction emissions are anticipated.

Alternative 2 would not conflict with the applicable air quality plan and federal or state air quality standards. This alternative simply reduces the number of pumps. Because this alternative would result in fewer vehicle trips than the proposed project, air pollutant emissions are anticipated to be less than the proposed project. Therefore, consistent with the proposed project, Alternative 2 would not conflict with the Air District's 2017 Plan nor would it exceed the Air District daily or annual thresholds for any criteria pollutants, as shown in Table 6-1 and Table 6-2. Impacts would be less than significant and less than those of the proposed project; overall carbon monoxide (CO) emissions would increase due to increased regional VMT while ROG emissions would decrease due to less operational throughput.

Table 6-1 Alternative 2 Average Daily Operational Emissions

	Average Daily Emissions (pounds/day)					
Sources	**ROG**	**NO_X**	**CO**	**PM_{10}**	**$PM_{2.5}$**	**SO_X**
Mobile	1	6	<1	<1	<1	<1
Area	<1	<1	<1	<1	<1	<1
Energy	0	0	0	0	0	0
Fuel Stations	37	-	-	-	-	-
Total Alternative 2 Emissions	**40**	**1**	**7**	**<1**	**<1**	**<1**
Thresholds	**54**	**54**	**N/A**	**82**	**54**	**N/A**
Threshold Exceeded?	No	No	N/A	No	No	N/A
Proposed Project	**52**	**<1**	**<1**	**<1**	**<1**	**<1**

Note: Numbers may not add up due to rounding.

N/A = not applicable; there is no Air District threshold for CO or SO_X

Source: Appendix L (Table 2.5 from CalEEMod output. Results rounded to the nearest whole number.); ROG Emissions from fuel throughput)

Table 6-2 Alternative 2 Annual Operational Emissions

	Maximum Annual Emissions (tons/year)					
Sources	**ROG**	**NO_X**	**CO**	**PM_{10}**	**$PM_{2.5}$**	**SO_X**
Area	1	<1	1	<1	<1	<1
Energy	<1	<1	<1	<1	<1	<1
Mobile	<1	1	<1	<1	<1	<1
Fuel Station	7	-	-	-	-	-
Total Alternative 2 Emissions	**7**	**1**	**<1**	**<1**	**<1**	**<1**
Thresholds	**10**	**10**	**N/A**	**15**	**10**	**N/A**
Threshold Exceeded?	No	No	N/A	No	No	N/A
Proposed Project	**9**	**<1**	**<1**	**<1**	**<1**	**<1**

Note: Numbers may not add up due to rounding.

N/A = not applicable; there is no Air District threshold for CO or SO_X

Source: Appendix L (Table 2.5 from CalEEMod output. Results rounded to the nearest whole number.) ; ROG Emissions from fuel throughput)

Similar to the proposed project, this alternative would potentially expose sensitive receptors to substantial pollutant concentrations in the form of CO and toxic air contaminants (TAC). Alternative 2 would result in fewer vehicle trips than the proposed project, which would not exceed vehicles per hour thresholds for potential CO impacts. Similar to the proposed project, the sources of CO at the facility would be temporary, and the concentration of CO emissions would be low and would rapidly disperse. TAC emissions from Alternative 2 would be less than the modeled TAC emissions for the proposed project as the annual throughput of gasoline would be less. As shown, in Section 4.1, Air Quality, TAC emissions from the proposed project would not exceed the Air District's project-level or cumulative health risk thresholds at the Maximum Exposed Individual Worker and Maximum Exposed Individual Resident. Because regional construction emissions associated with Alternative 2 would be similar to the proposed project, risk would not be expected to exceed applicable thresholds as operational risk would be reduced from what was identified in the proposed project. Impacts would be less than significant.

Alternative 2 would involve similar excavation and paving activities compared to the proposed project. These construction activities would emit generally the same construction odors as the proposed project. During operation, gasoline fumes would be considered a nuisance odor, similar to the proposed project. Odors from construction emissions would be intermittent and dissipate rapidly with increasing distance, and operation would include the implementation of vapor recovery systems, similar to the proposed project, which would significantly reduce odorous emissions. Therefore, odor impacts would be less than significant and similar to the proposed project.

Overall, Alternative 2 would result in less than significant impacts to local and regional air quality, with less operational impacts than the proposed project.

b. Biological Resources

Alternative 2 would result in construction activities within the same project site as the proposed project, which would have a similar potential to impact nearby nesting birds as the proposed project. Similar to the proposed project, Alternative 2 would require implementation of Mitigation Measures BIO-1, which would reduce impacts related to nesting birds to less than significant. As with the proposed project, Alternative 2 would not impact riparian or sensitive natural communities and wetlands as the project site does not contain such features; interfere with wildlife movement as no known regionally significant wildlife movement corridors or habitat linkages are known to occur on the project site; or conflict with local policies, ordinances, or applicable plans protecting biological resources. Overall, impacts to biological resources would be similar to those of the proposed project under Alternative 2 and would be less than significant with mitigation.

c. Cultural Resources

Alternative 2 would result in construction activities within the same project site as the proposed project. As no historical resources were identified within or adjacent to the project site, similar to the proposed project, Alternative 2 would not cause a substantial adverse change in the significance of a historical resource, and there would be no impact. Similar to the proposed project, grading and excavation that would occur under Alternative 2 could potentially unearth, adversely change, or damage previously unidentified archaeological resources. Mitigation Measures CUL-2a and CUL-2b would be required under this alternative, and impacts would be less than significant with mitigation, similar to the proposed project. Alternative 2 would still have the potential to unearth and disturb previously unidentified or unknown human remains. However, similar to the project, mandatory adherence to existing regulations pertaining to the discovery of human remains would ensure impacts to human remains are less than significant.

Overall, impacts to cultural resources would be similar to the proposed project under Alternative 2 and would be less than significant with mitigation.

d. Energy and Greenhouse Gas Emissions

With regard to wasteful or unnecessary energy consumption, construction of the reduced facility would be temporary and would not result in wasteful energy consumption. Operation of the facility would increase energy use but reduce the British thermal units per square foot as compared to the proposed project as there would be fewer pumps operating in the same general space. The reduction of number of pumps would result in fewer cars using the project, which would result in less energy consumption and waste generation (waste/trash from patrons). Additionally, Alternative 2 would conform with the latest version of California's Green Building Code, and would not increase overall demand for gasoline in the region, but rather redistribute demand from existing gas stations. Therefore, Alternative 2 would not result in wasteful or unnecessary energy consumption. Impacts would be less than significant and similar to the proposed project.

This alternative would also comply with the applicable energy efficiency goals and policies from Novato's Climate Action Plan (CAP), similar to the proposed project.

Alternative 2 would generate GHG emissions predominantly through building energy consumption and area source emissions, water consumption, and waste and wastewater generation. Consistent with proposed project, this alternative would reduce regional VMT. As described further under *h. Transportation,* Alternative 2 would result in less VMT than the proposed project. The reduction in VMT would result in less GHG emissions under Alternative 2 as compared to the proposed project, although . this alternative would continue to require implementation of Mitigation Measure GHG-3 in order for the alternative to meet Air District threshold criteria, which require that Tier 2 standards be met. Implementation of this mitigation measure would result in less than significant impacts related to GHG emissions. Table 6-3 shows the GHG emissions from Alternative 2. Impacts would be less than significant with mitigation.

Table 6-3 Alternative 2 GHG Emissions

Emission Source	Annual Emissions (CO_2e in metric tons)
Construction	
2024	95.8
2025	30.1
Total	**125.9**
Amortized[1]	4
Operational	
Area	<1
Energy	7
Solid Waste	3
Water	1
Mobile	677
Total[2]	**692**

[1] Construction activity would generate 126 MT CO_2e over the entire three-month construction period. Construction emissions were amortized over 30 years consistent with South Coast AQMP guidance, as the Air District has no guidance for no construction emissions.

[2] Total annual emissions are comprised of the sum of amortized construction emissions, all operational emissions, and mobile emissions.

Source: Appendix L

Overall, Alternative 2 would have less than significant impacts related to energy and GHG emissions with implementation of Mitigation MeasureGHG-3. Impacts to energy emissions would be reduced under this alternative compared to the proposed project.

e. Geology and Soils

Alternative 2 would be located on the same project site as the proposed project, and accordingly would be subject to the same seismic and soil-related hazards as the proposed project. However, Alternative 2 would construct a smaller fueling facility, and would therefore expose fewer people visiting the facility to the risk of loss, injury, or death involving rupture of a known earthquake fault, ground shaking, ground failure, seismic-related liquefaction, landslides, lateral spreading, and subsidence. Impacts would be slightly reduced compared to the proposed project.

Similar to the proposed project, Alternative 2 would be required to comply with the CBC and Geotechnical Study recommendations would ensure impacts from expansive soils are less than significant. Similar to the proposed project, grading and excavation would be managed with National Pollutant Discharge Elimination Permit (NPDES)-compliant SWPPP and erosion control measures, minimizing potential impacts from soil erosion or the loss of topsoil. Alternative 2 would result in less than significant impacts to soil erosion, unstable soils, and expansive soils, similar to the proposed project.

Similar to the proposed project, this alternative would involve the construction and operation of a fuel facility and would not involve the installation or operation of septic tanks or alternative wastewater disposal systems. Accordingly, there would be no impact.

Similar to the proposed project, Alternative 2 would result in ground disturbance of low-sensitivity geologic units, and would require the implementation of Mitigation Measure GEO-9 to reduce impacts to paleontological resources to less than significant.

Overall, Alternative 2 would result in slightly reduced impacts to geology and soils compared to the proposed project, and impacts would be less than significant with mitigation.

f. Hazards and Hazardous Materials

Similar to the proposed project, Alternative 2 would not be located in close proximity to schools, within an airport planning area, or within a high or very high fire hazard severity zone. Construction of a new fuel facility on the project site would not impair implementation of, or physically interfere with, the Marin County Multi-Jurisdictional Local Hazard Mitigation Plan. Therefore, Alternative 2 would result in no impact related to these topics, similar to the proposed project.

Construction and operation of Alternative 2 would require the transport, use, and disposal of hazardous materials but possibly at somewhat smaller quantities than the proposed project due to the reduced project size. Use and transportation of these substances could pose a risk to public safety and the environment from accidental release or explosion. With implementation of applicable federal, state, and local requirements, impacts would be reduced in comparison to the proposed project and would remain less than significant.

Although the project site is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5, as discussed in Section 4.6, *Hazards and Hazardous Materials*, this listing is not applicable to the project site and there is no documentation of known hazardous materials release issues associated with the site resulting from historical uses of the project site. Similar to the proposed project, impacts would be less than significant.

Overall, Alternative 2 would result in slightly reduced impacts to hazards and hazardous materials compared to the proposed project, and impacts would be less than significant.

g. Hydrology and Water Quality

As with the proposed project, Alternative 2 would not be located within a 100-year floodplain, in an area subject to flood from dam failure, or in seiche or tsunami inundation zones. Alternative 2 would result in the construction of a smaller fueling facility on the same project site. Therefore, similar to the proposed project, Alternative 2 would not impede or redirect flood flows or result in risk of release of pollutants due to project inundation.

Construction and operation of Alternative 2 could generate pollutants of concern that could enter stormwater. Similar to the proposed project, Alternative 2 would be required to comply with NPDES, SWPPP, and City requirements, including implementing best management practices to reduce pollutants of concern. Ground disturbance required under Alternative 2 would be similar compared to the proposed project; therefore, water quality impacts would be less than significant.

Similar to the proposed project, stormwater runoff from Alternative 2 would discharge to on-site bioretention areas and would not discharge to a receiving water body with beneficial uses or water quality objectives identified by the San Francisco Bay Basin Water Quality Control Plan (Basin Plan). Additionally, no Groundwater Sustainability Plan has been prepared for the underlying groundwater basin, and Alternative 2 would not be served by groundwater. Similar to the proposed project, Alternative 2 would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan.

Overall, Alternative 2 would result in similar impacts to hydrology and water quality compared to the proposed project, and impacts would be less than significant.

h. Transportation

Alternative 2 would construct a smaller fueling facility than the proposed project, resulting in different transportation behavior and resulting vehicle miles traveled (VMT). Kittelson and Associates prepared a VMT analysis for Alternative 2, dated June 3, 2024, for an accurate comparison of VMT impacts between Alternative 2 and the proposed project. This report was then peer reviewed by W-Trans on June 10, 2024, to ensure the accuracy of the Alternative 2 VMT analysis. Both reports are included as Appendix M.

The VMT analysis for Alternative 2 is summarized below in Table 6-4. The analysis reviewed the same trip types as the proposed project, which are described in detail in Section 4.8, *Transportation*, as well as in Appendix M. As shown therein, Alternative 2 would be expected to result in a net decrease of 798 daily VMT. Therefore, Alternative 2 would result in a net decrease in VMT similar to the proposed project, which would result in a net decrease of 702 VMT. Accordingly, Alternative 2 would not exceed the standard of significance and would not conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b), and impacts would be less than significant. Because Alternative 2 would result in a smaller VMT than the proposed project, impacts would be slightly reduced as compared to the proposed project.

Table 6-4 Change in Regional Daily VMT Associated with Project Alterative

Member Trip Type	Existing Daily VMT	With Alternative 2 Daily VMT	Change in Regional Daily VMT
Regional Warehouse Plus Gas Trips	36,256	32,220	-4,036
Internal Shared Warehouse Plus Gas	814	0	-814
Employee Trips	0	83	83
Primary Gas-Only Trips	1,038	3,113	2,075
Diverted Gas-Only Trips	1,012	2,459	1,447
Pass-by-Gas-Only Trips	0	447	447
Total VMT	**39,120**	**38,322**	**-798**

VMT = vehicle miles traveled

Source: Appendix M

Similar to the proposed project, Alternative 2 would not result in conflicts with transit, roadway, bicycle, or pedestrian facilities, through the payment of required Traffic Impact Fees. Similarly, relocation of the Vintage Way intersection would improve vehicle flow, would maintain bicycle and pedestrian routes along Vintage Way, would not result in hazards due to a geometric design feature, and would not impede emergency access to the project site. Alternative 2 would result in less than significant impacts related to conflicts with transportation-related policies and programs, hazards, and emergency access, similar to the proposed project.

Overall, Alternative 2 would result in slightly reduced impacts to transportation compared to the proposed project, and impacts would be less than significant.

i. Tribal Cultural Resources

Alternative 2 would result in grading and excavation on the same site as the proposed project, which could result in potential impacts to tribal cultural resources on the site. The level of disturbance under Alternative 2 would be similar to the project. Similar to the proposed project, Mitigation Measure TCR-1a through TCR-1c would be required under this alternative, and impacts would be less than significant with mitigation. Overall, Alternative 2 would result in similar impacts to tribal cultural resources compared to the proposed project.

6.4 Alternative 3: Alternative Location

6.4.1 Description

This alternative would involve construction of the proposed fuel facility in a different location, instead of in the existing Costco parking lot as proposed. The alternative site considered in this analysis is within the approved Hanna Ranch Mixed Use Projectarea, which is within the currently undeveloped area immediately southeast of the Vintage Oaks Shopping Center. Under this alternative, the fuel facility would be constructed southeast of the existing Costco warehouse, across the intersection of Vintage Way and Rowland Boulevard, in the undeveloped area east of the Beverly Ehreth Ecological Preserve and west of the railroad tracks. Demolition of the existing Costco parking lot; relocation of an existing driveway to the parking lot along Vintage Way; the addition of a left-turn lane on Vintage Way; and the increase of permeable surfaces, landscaping, and bioretention areas within the project site would not occur. A driveway would be constructed at the southern intersection of Vintage Way and Rowland Boulevard to provide access to the fuel facility

and the rest of the Hanna Ranch Mixed Use Project site. Figure 6-1 shows the conceptual master plan for the Hanna Ranch Mixed Use Project and the Costco fuel facility site included therein. The application for the Hanna Ranch Mixed Use Project was filed in January 2017, including a master plan showing a proposed gasoline fueling facility (identified specifically as a Costco fueling facility) as part of the proposed project. The Hanna Ranch Mixed Use Project is currently under review by the City of Novato.

This alternative would fulfill all three project objectives as it would involve development of a new fuel facility to support the fueling needs of local Costco members, construction of a fuel facility in accordance with Costco's Fueling Facility Program, and would develop a fuel facility of a design providing safe and efficient vehicle circulation and minimizing customer wait and vehicle idling times. However, this alternative would not fulfill project objectives as well as the proposed project, by being located on a separate site from the existing Costco warehouse building.

As noted below, Alternative 3 would have greater air quality, biological resources, energy and greenhouse gas emissions, geology and soils, hydrology and water quality, and transportation impacts than the proposed project; and similar impacts to cultural resources, hazards and hazardous materials, and tribal cultural resources as compared to the proposed project.

6.4.2 Impact Analysis

Because this Alternative consists of buildout under the Hanna Ranch Mixed Use Project, the environmental impacts of the Alternative Location would be consistent with the impacts identified in the Hanna Ranch Mixed Use Project EIR (certified in 2011, addendum prepared in 2018; State Clearinghouse Number 2005072141). These impacts are summarized below.

This alternative assumes only the fuel facility is located on the Hanna Ranch site. Therefore, the analyses presented below include new assessments of the fuel station on the site informed by background data from the Hanna Ranch EIR and addendum. Accordingly, the Hanna Ranch Mixed Use Project EIR determined the following environmental impacts to be significant and unavoidable even with mitigation:

- **Greenhouse Gas Emissions –** operational greenhouse gas emissions impacts

The Hanna Ranch Mixed Use Project EIR determined the following environmental impacts to be less than significant with mitigation:

- **Aesthetics –** light and glare impacts
- **Transportation–** vehicle queueing, pedestrian and bicycle facilities, and transit facilities impacts
- **Air Quality –** obstructing implementation of an air quality plan
- **Noise –** construction and operational traffic noise impacts
- **Geology and Soils –** impacts related to seismic ground shaking, ground failure, and expansive soils
- **Hydrology and Water Quality –** impacts to stormwater runoff and storm drain capacity, development within a floodplain
- **Biological Resources –** impacts to western pond turtles, nesting birds, and natural communities; impacts related to invasive plants; impacts to wetlands and habitat connectivity; tree removal impacts
- **Cultural Resources –** impacts to archaeological resources, paleontological resources, and tribal cultural resources

Figure 6-1 Hanna Ranch Mixed Use Project Conceptual Site Master Plan With Costco Gas Station



Source: City of Novato 2019

The Hanna Ranch Mixed Use EIR determined impacts to remaining resource areas, namely public services, land use and planning, and utilities and infrastructure, would be less than significant without mitigation.

The 2018 addendum to the Hanna Ranch Mixed Use EIR did not identify any impacts as substantially greater than those identified in the EIR. The addendum included additional mitigation measures for biological resources, but concluded that impacts to biological resources and all other environmental resource areas would not be greater than those identified in the 2011 EIR.

a. Air Quality

Alternative 3 would involve construction of the fuel facility on an alternative site, which is currently undeveloped. Construction of the facility on the alternative site would require more excavation and grading compared to the proposed project site, as the undeveloped site would require more ground disturbance for site preparation and utility connections. Additionally, Alternative 3 would require greater paving efforts than the proposed project as the alternative site is currently unpaved.

Alternative 3 would not conflict with the applicable air quality plan and federal or state air quality standards. This alternative simply changes the location of the fuel facility; because the size of the facility would be the same, air quality emissions are anticipated to be similar to the proposed project. Therefore, Alternative 3 would not be anticipated to conflict with the Air District's 2017 Plan nor would it be expected exceed the Air District daily or annual thresholds for any criteria pollutant. Impacts would be less than significant and the same as those of the proposed project.

Similar to the proposed project, this alternative would potentially expose sensitive receptors to substantial pollutant concentrations in the form of Carbon Monoxide (CO) and Toxic Air Contaminants (TAC). Alternative 3 would result in the same number of trips as the proposed project, which would not exceed vehicles per hour thresholds for potential CO impacts. Similar to the proposed project, the sources of CO at the facility would be temporary, the concentration of CO emissions would be low and would rapidly disperse.

TAC emissions from Alternative 3 would be similar to the TAC emissions identified for the Hanna Ranch Gasoline facility, provided as part of the cumulative health risk analysis in Section 4.1, *Air Quality*, and in Appendix F. However, there may be differences as project specific details would be accounted for where in Appendix F very general non-specific details were used to determine risk. TAC emissions for cumulative impacts were estimated using the California Air Resources Board's Gas Station Risk Assessment Tool. These risk levels would not be expected to exceed Bay Area Air District (Air District's) project-level health risk thresholds at the Maximum Exposed Individual Worker and Maximum Exposed Individual Resident. Regional construction emissions associated with Alternative 3 would be similar to proposed project would not be expected to exceed applicable health risk thresholds and impacts would be less than significant.

Alternative 3 would involve greater excavation and paving activities compared to the proposed project. However, these construction activities would emit generally the same construction odors as the proposed project. During operation, gasoline fumes would be considered a controlled nuisance odor, similar to the proposed project. However, construction emissions would be intermittent and dissipate rapidly with increasing distance and operation would include the implementation of vapor recovery systems, similar to the proposed project, which would significantly reduce these odorous emissions. Therefore, impacts would be less than significant and similar to the proposed project.

Overall, Alternative 3 would result in less than significant impacts to air quality, greater than the proposed project.

b. Biological Resources

Because Alternative 3 would be located on an undeveloped site adjacent to the Beverly Ehreth Ecological Preserve and would involve greater construction activities (such as a greater quantity of vegetation removal, greater quantities of grading, and greater quantities of paving), impacts to biological resources could be greater than under the proposed project.

The alternative site is currently undeveloped, and may include special-status plant species and habitat suitable for special-status wildlife species, including, but not limited to: purple needlegrass, western pond turtle, white-tailed kite, loggerhead shrike, San Pablo song sparrow, and saltmarsh common yellowthroat. Development of the alternative site under Alternative 3 would be subject to the mitigation measures provided in the Hanna Ranch Mixed Use EIR and subsequent Addendum, including Mitigation Measure BIO-1 (also referred to as BIO-1a), BIO-1b, BIO-1c, BIO-1d, BIO-2 (alternatively, Mitigation Measure BIO-1 provided in Section 4.2, *Biological Resources*, whichever is determined to be more stringent), BIO-4, BIO-7, BIO-10d, BIO-10e, BIO-11e, and BIO-11f, in order to reduce potential impacts to special-status plant and wildlife species to a less than significant level. Impacts to special-status species would be greater than under the proposed project.

Because the Beverly Ehreth Ecological Preserve and alternative site are surrounded by existing barriers (e.g. roadways, SMART rail line, and a fence), there would be minimal impacts to special-status plants or animals associated with the Preserve. This alternative may still impact nesting birds which may find ornamental landscaping and trees as suitable habitats. Thus, this alternative would require implementation of Mitigation Measure BIO-1.

Sensitive natural communities located in the vicinity of the alternative site include riparian habitat within the Beverly Ehreth Ecological Preserve, oak woodland, and purple needlegrass grassland. Development of the alternative site has the potential to impact these communities, and implementation of Mitigation Measures BIO-3 and BIO-4 from the Hanna Ranch Mixed Use EIR would be necessary to reduce impacts to a less than significant level. This impact would be greater under Alternative 3 than under the proposed project.

The alternative site does not include any mapped federally-protected wetlands; however, the Beverly Ehreth Ecological Preserve is adjacent to the west of the alternative site, and an unnamed pond is adjacent to the south of the alternative site. Alternative 3 would not involve direct or cause indirect removal, filling, or hydrological interruption of these features; however, Mitigation Measures BIO-5a, BIO-5b, BIO-6a, and BIO-6b from the Hanna Ranch Mixed Use EIR and subsequent Addendum would be required prior to ground-breaking, to ensure no encroachment of these adjacent wetlands. The drainage design would ensure that no operational runoff from the alternative site travels into the nearby wetland and pond features. Compliance with NPDES Construction General Permit requirements and the preparation of a SWPPP would ensure pollutants carried off by stormwater do not enter nearby wetland features during construction and operation. Therefore, impacts would be less than significant, but increased in comparison to the proposed project.

The Beverly Ehreth Ecological Preserve and Petaluma Marsh Wildlife Area provide corridors for wildlife movement and proximity to these areas could interfere with that movement. However, the alternative site would be bounded by the SMART commuter rail line. Both the SMART commuter rail line and US 101 create an existing barrier to wildlife entering the alternative site. In addition, the

Beverly Ehreth Ecological Preserve is surrounded by a 4-foot chain link fence to control access to the preserve. The existing fencing also constrains wildlife movement into the alternative site. Therefore, the alternative would not result in any impacts that would interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors or impede the use of native wildlife nursery sites. This impact would be less than significant, but increased in comparison to the proposed project.

While Alternative 3 would require vegetation removal, there are no trees currently located on the alternative site. Therefore, Alternative 3 would not conflict with any local policies or ordinances protecting biological resources, such as those related to tree removal. This impact would be less than significant, and reduced as compared to the proposed project.

This alternative site is not located on the site of any Habitat Conservation Plan so there would be no impact, similar to the proposed project.

Overall, Alternative 3 may result in potentially significant impacts to biological resources. However, compliance with regulations, the existence of enclosures, implementation of Mitigation Measure BIO-1 (refer to Section 4.2, *Biological Resources*), and Mitigation Measures BIO-3 and BIO-4 (refer to the Hanna Ranch Mixed Use EIR) would reduce impacts to less than significant, but greater than the proposed project.

c. Cultural Resources

Alternative 3 would involve construction of a fuel facility on the alternative site, which is within the area of the Hanna Ranch Mixed Use Project. The Hanna Ranch Mixed Use Project EIR determined that there are no eligible historical resources according to NRHP, CRHR, or local registers' criterion within the alternative site. Therefore, Alternative 3 would have no impact to historical resources and impacts would be similar to the proposed project.

This alternative would involve grading and excavation in an undeveloped area, and these ground-disturbing activities could potentially unearth, adversely change, or damage previously unidentified archaeological and tribal cultural resources. Mitigation Measures CUL-2a, CUL-2b, and TCR-1a through TCR-1c (refer to Section 4.3, *Cultural Resources*, and Section 4.9, *Tribal Cultural Resources*, for the full text of these measures) would be required under this alternative, and impacts would be less than significant with mitigation, similar to the proposed project. Additionally, due to grading and excavation, this alternative would have the potential to unearth or disturb previously unidentified or unknown human remains. However, impacts would remain less than significant due to mandatory adherence to existing regulations pertaining to the discovery of human remains.

Overall, Alternative 3 would have minor impacts related to cultural resources, and implementation of Mitigation Measures CUL-2a, CUL-2b, and TCR-1a through TCR-1c (refer to Section 4.3, *Cultural Resources*, and Section 4.9, *Tribal Cultural Resources*, for the full text of these measures) would be required to maintain less than significant impacts. Impacts to cultural resources would be less than significant and similar under this alternative as compared to the proposed project.

d. Energy and Greenhouse Gas Emissions

Alternative 3 would involve construction of the fuel facility on an alternative site. With regards to wasteful or unnecessary energy consumption, construction of the facility would be temporary and would not result in wasteful energy consumption. The operation of the facility would increase energy use but would conform with the latest version of California's Green Building Code, and the project is not anticipated to increase overall demand for gasoline in the region, but rather would

redistribute demand from existing gas stations. Therefore, the project would not result in wasteful or unnecessary energy consumption. Impacts would be less than significant and similar to the proposed project.

This alternative would also comply with the applicable energy efficiency goals and policies from Novato's Climate Action Plan (CAP), similar to the proposed project.

Alternative 3 would generate greenhouse gas (GHG) emissions predominantly through building energy consumption and area source emissions, water consumption, and waste and wastewater generation. . As described further under *h. Transportation,* Alternative 3 would result in greater VMT than the proposed project but would still result in a reduction in VMT regionally. As the number of pumps and the anticipated throughput and increased traffic to the site would be the same, the non-vehicle related GHG emissions from this Alternative would be anticipated to be the same as the proposed project. This alternative would continue to require implementation of Mitigation Measure GHG-3 in order for the alternative to meet the Air District threshold criteria, which require that Tier 2 standards be met. Implementation of this mitigation measure would result in less than significant impacts related to GHG emissions. Although impacts would be slightly greater than the proposed project, impacts would be less than significant with mitigation.

Overall, Alternative 3 would have less than significant impacts related to energy and less than significant impacts related to GHG emissions, with implementation of Mitigation Measure GHG-3. Impacts to energy and GHG emissions would be greater under this alternative compared to the proposed project.

e. Geology and Soils

Due to its proximity, the geologic conditions of the alternative site are substantially the same as the project site. However, the alternative site is currently undisturbed and undeveloped. As discussed in Section 4.4, *Geology and Soils*, the project site is proximate to several faults but is not underlain by a known earthquake fault. Because the geologic conditions of the alternative site are substantially similar to the proposed project site, Alternative 3 would not directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault. There would be no impact, similar to the proposed project.

Strong seismic ground shaking is an existing risk at the project site and Alternative 3 would involve construction of the new fuel facility that may increase exposure to ground shaking. However, compliance with the CBC will make this impact less than significant, similar to the proposed project. Alternative 3 would not introduce new risks to life or property due to expansive soils, liquefaction, or landslide. Therefore, no impacts to soil hazards would occur under Alternative 3, and impacts would be similar compared to the proposed project.

Because the alternative site is currently undeveloped, Alternative 3 may potentially result in substantial erosion or the loss of topsoil during construction, and preparation of a SWPPP would be required. With mandatory implementation of the SWPPP and erosion control measures, the proposed project would not result in substantial soil erosion or the loss of topsoil. Impacts would be slightly greater than the proposed project but would be less than significant. Additionally, Alternative 3 would involve ground-disturbing activities and could result in unearthing or damaging unique paleontological resources. Implementation of the Mitigation Measure GEO-9 (refer to Section 4.4, *Geology and Soils*, for the full text of these measure) would be required to reduce this impact to less than significant. Finally, this alternative would not involve the use of a septic system and there would be no impact, similar to the proposed project.

Overall, Alternative 3 would have slightly greater impacts related to geology and soils. However, compliance with NPDES permit requirements, including preparation of a SWPPP, and implementation of Mitigation Measure GEO-9 (refer to Section 4.4, *Geology and Soils*, for the full text of these measure) would result in less than significant impacts.

f. Hazards and Hazardous Materials

Under Alternative 3, the fuel facility would be constructed in a different location and there would be potential for public exposure to hazardous materials through routine use or accidents during construction or operation. Implementation of the same protections and regulations listed in Section 4.6, *Hazards and Hazardous Materials*, would reduce this impact to less than significant. The alternative site is not included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 (California Department of Toxic Substances Control 2024; State Water Resources Control Board 2024; California Environmental Protection Agency 2024a, 2024b). Additionally, the alternative site is not located within 0.25 mile of a school or within two miles of an airport. Accordingly, impacts would be similar to the proposed project and would be less than significant.

The alternative site is outside the jurisdiction of any emergency evacuation plans, similar to the project site. Consequently, these plans do not apply to the site. This impact would be less than significant, similar to the proposed project. The alternative site is not located in a very high fire hazard severity zone (CAL FIRE 2024 and would be adjacent to existing urban development. Impacts pertaining to wildland fires would be less than significant, similar to the proposed project.

Overall, impacts to hazard and hazardous materials would be less than significant under Alternative 3 and would be similar to the proposed project.

g. Hydrology and Water Quality

Under Alternative 3, the construction of the proposed fuel facility would occur on an alternative site and construction and operation of the facility may impact surface or ground water quality. However, adherence to the same protective regulations discussed in Section 4.7, *Hydrology and Water Quality,* would reduce this impact to less than significant. This alternative would not require the use of groundwater and impacts to sustainable groundwater management would be less than significant.

Because the alternative site is currently undeveloped, Alternative 3 would alter the drainage pattern of the alternative site. Additionally, areas of Novato are at risk of sea level rise. As shown in City of Novato's *General Plan 2035 Policy White Paper*, *Sea Level Rise and Adaptation* (City of Novato 2015), a rise in sea level of two feet (anticipated to occur by 2050 in worst-case prediction models, per Table 1 of the City's White Paper) would partially inundate the alternative site. Therefore, impacts associated with flooding and sea level rise would be greater under Alternative 3. Similar to the proposed project, Alternative 3 would have safety features built into the proposed design of the USTs so inundation of the alternative site would not be expected to infiltrate the USTs or associated infrastructure because of their watertight properties and various leak protection safeguards. Impacts resulting in flood hazard, tsunami, seiche, or release of pollutants due to project inundation would be less than significant. This alternative would be required to follow mandatory regulations which require the alternative site to be designed to control pollutants, pollutant loads, and runoff volume to the maximum extent feasible. Therefore, the project would not conflict with or obstruct implementation of the Basin Plan and impacts would be less than significant.

Overall, Alternative 3 would result in less than significant impacts to hydrology and water quality, but impacts would greater than the proposed project.

h. Transportation

Similar to the proposed project, Alternative 3 would not impact any existing transit, roadway, bicycle, and pedestrian facilities and would not conflict with a program, plan, ordinance, or policy addressing the circulation system. Because the alternative site is located farther from the highway than the project site by approximately 270 feet,[1] Alternative 3 would result in greater total VMT as customers would have to travel farther to visit the fuel facility (an additional approximately 0.1 mile per trip). Assuming the same number of vehicle trips would be generated by Alternative 3 as would occur under the proposed project, and assuming a 0.1 mile per trip increase in trip distances to the alternative site, total VMT would decrease under Alternative 3, but the reduction in VMT would be less than under the proposed project (refer to Table 6-5 through Table 6-10 for VMT calculations related to each trip type under Alternative 3). Impacts would be less than significant, similar to the proposed project.

Table 6-5 Change in VMT Associated with Regional Shared Warehouse Plus Gas Trips

	Existing			With Alternative 3		
	Average Trip Length	Daily Trips	Daily VMT	Average Trip Length	Daily Trips	Daily VMT
Rohnert Park	11.2	2,071	23,195	8.7	1,760	15,312
Vallejo	6.6	1,979	13,061	6.1	1,939	11,828
Novato (New Facility)	0	0	0	13.6[a]	351	4,773[b]
Total	**-**	**4,050**	**36,256**	**-**	**4,050**	**31,914**
Difference in Daily VMT (With Project Minus Existing)						**(4,342)**

Totals may not add due to rounding.
VMT = vehicle miles traveled
[a] Increased by 0.1 mile due to the alternate location
[b] Calculated based on increased trip distance
Source: Appendix D

Table 6-6 Change in VMT Associated with Internal Shared Warehouse Plus Gas Trips

	Existing (Separate Gas Trip)			With Alternative 3 (Shared Warehouse Plus Gas Trip)		
Trip Type	Daily Trips	Average Trip Distance	Daily VMT	Average Trip Distance[a]	Daily VMT[b]	Change in Daily VMT
Primary	324	0.83	270	0.1	32	-238
Diverted	765	0.72	551	0.1	77	-474
Pass-by	810	0	0	0.1	81	81
Total	**1,899[1]**	**-**	**821**	**-**	**190**	**-631**

[1] 2,250 total internal trips – 351 expected to shift from other Costco facilities (see Table 6-5); 1,899 remaining trips expected to shift from non-Costco gas stations.
[a] Increased by 0.1 mile due to the alternate location
[b] Calculated based on increased trip distance
Source: Appendix D

[1] Approximately 780 feet (from the southern Vintage Way and Rowland Boulevard intersection to the alternative site) minus approximately 510 feet (from the southern Vintage Way and Rowland Boulevard intersection to the project site).

Table 6-7 Change in VMT Associated with Primary Gas-Only Trips

	Existing	With Alternative 3	Difference
Number of Trips	1,385	1,385	-
Average Trip Length (miles)	0.83	2.6[a]	1.77[b]
Daily VMT	**1,154**	**3,601**	**2,447**

VMT = vehicle miles traveled

[a] Increased by 0.1 mile due to the alternate location

[b] Calculated based on increased trip distance

Source: Appendix D

Table 6-8 Change in VMT Associated with Diverted Gas-Only Trips

	Diverted Trip Distance (miles)			Number of Daily Diverted Trips	Daily VMT
	US 101 NB	US 101 SB	Average		
Non-Costco Gas Stations (Existing)	0.64	0.80	0.72	1,560	1,123
Novato Fuel Facility (With Alternative 3)	1.5[a]	2.2[a]	1.85[a]	1,560	2,886[b]
Change in Daily VMT					**1,763**

NB = northbound; SB = southbound; VMT = vehicle miles traveled

[a] Increased by 0.1 mile due to the alternate location

[b] Calculated based on increased trip distance

Source: Appendix D

Table 6-9 Change in VMT Associated with Pass-By Gas-Only Trips

	Existing	With Alternative 3	Difference
Number of Trips	1,655	1,655	-
Average Trip Length (miles)	0	0.4[a]	0.4
Daily VMT	**0**	**662[b]**	**662**

VMT = vehicle miles traveled

[a] Increased by 0.1 mile due to the alternate location

[b] Calculated based on increased trip distance

Source: Appendix D

Table 6-10 Overall Change in Daily VMT Associated with the Proposed Project

Member Trip Type	Existing Daily VMT	With Alternative 3 Daily VMT	Change in Regional Daily VMT
Regional Warehouse Plus Gas Trips	36,256	31,914	-4,342
Internal Shared Warehouse Plus Gas	821	190	-631
Employee Trips	0	83	83
Primary Gas-Only Trips	1,154	3,601	2,447
Diverted Gas-Only Trips	1,123	2,886	1,763
Pass-by-Gas-Only Trips	0	662	662
Total VMT	**39,354**	**39,336**	**-18**

VMT = vehicle miles traveled

Source: Table 6-4 through Table 6-9

Alternative 3 would not involve alterations to existing roadways as the fuel facility would be accessed by a new driveway at the southern intersection of Vintage Way and Rowland Boulevard. Therefore, this alternative would not increase hazards due to geometric design features or result in inadequate emergency access. Alternative 3 would have less than significant impacts to transportation, and impacts would be similar to the proposed project.

Alternative 3's impacts to transportation would be greater compared to the proposed project as this alternative would result in a higher daily VMT; however, all transportation impacts would remain less than significant.

i. Tribal Cultural Resources

Alternative 3 would involve constructing the fuel facility on the alternative site, which is within the area of the Hanna Ranch Mixed Use Project. Formal Assembly Bill (AB) 52 consultation was not conducted during preparation of the Hanna Ranch Mixed Use Project EIR, as the original EIR was published in 2011, prior to the enactment of AB 52. Therefore, it is unknown if there are specific tribal cultural resources present on the alternative site. However, similar to the proposed project, because Alternative 3 would involve ground disturbance, there is the possibility of encountering previously undisturbed or unknown tribal cultural resources during construction. Mitigation Measures TCR-1a through TCR-1c (refer to Section 4.9, *Tribal Cultural Resources*, for the full text of these measures) would be required under this alternative, and impacts would be less than significant with mitigation, similar to the proposed project.

6.5 Environmentally Superior Alternative

CEQA requires the identification of the environmentally superior alternative among the alternatives to the proposed project. The environmentally superior alternative must be an alternative that reduces some of the environmental impacts of the project, regardless of the financial costs associated. Identification of the environmentally superior alternative is an informational procedure and the alternative identified as the environmentally superior alternative may not be that which best meets the goals of the approving agency or the project objectives.

Table 6-11 indicates whether each alternative's environmental impact is greater than, less than, or similar to that of the proposed project for each of the issue areas studied. Based on the alternatives analysis provided above, Alternative 1, the No Project Alternative, would be the environmentally superior alternative. Alternative 1 would eliminate project-level impacts related to ground disturbance, including biological resources, cultural resources, geology and soils, and tribal cultural resources. However, Alternative 1 would not meet any of the project objectives nor would it result in decreased VMT.

If the No Project Alternative is the environmentally superior alternative, CEQA requires that an environmentally superior alternative among the remaining alternatives be identified (*CEQA Guidelines* Section 15126.6[e]). Based on this consideration, Alternative 2 would be the environmentally superior alternative. Alternative 2 would result in similar but reduced impacts to air quality, energy and GHG emissions, geology and soils, hazards and hazardous materials, and transportation due to decreased buildout and fewer residents. Alternative 2 would generally meet project objectives by developing a new fuel facility to support the fueling needs of local Costco members, constructing a fuel facility in accordance with Costco's Fueling Facility Program, and developing a fuel facility of a design providing safe and efficient vehicle circulation and minimizing customer wait and vehicle idling times. However, Alternative 2 would less effectively fulfill the first

objective compared to the proposed project as it would not meet the full demand for gasoline fueling services by local Costco members.

Alternative 3 would result in greater impacts to air quality, biological resources, energy and GHG emissions, geology and soils, hydrology and water quality, and transportation due to the alternative location of this alternative. Therefore, Alternative 3 is not environmentally superior to the proposed project. Alternative 3 would likely meet project objectives, including developing a new fuel facility to support the fueling needs of local Costco members, constructing a fuel facility in accordance with Costco's Fueling Facility Program, and developing a fuel facility of a design providing safe and efficient vehicle circulation and minimizing customer wait and vehicle idling times. However, Alternative 3 may be infeasible given that the applicant has no guarantee of ability to acquire and locate its fuel facility on the site of Alternative 3. Furthermore, Alternative 3 is part of the overall mixed-use plan for Hanna Ranch that has not yet been considered and approved by the City of Novato and there is no indication that such plan would proceed within a timeframe that would enable the applicant to meet its project objectives.

Table 6-11 Impact Comparison of Alternatives

Issue	Proposed Project Impact Classification	Alternative 1: No Project	Alternative 2: Reduced Project	Alternative 3: Alternative Location
Air Quality	Less than Significant	+	+	-
Biological Resources	Less than Significant with Mitigation Incorporated	+	=	-
Cultural Resources	Less than Significant with Mitigation Incorporated	+	=	=
Energy and Greenhouse Gas Emissions	Less than Significant with Mitigation Incorporated	+	+	-
Geology and Soils	Less than Significant with Mitigation Incorporated	+	+	-
Hazards and Hazardous Materials	Less than Significant	+	+	=
Hydrology and Water Quality	Less than Significant	+	=	-
Transportation	Less than Significant	-	+	-
Tribal Cultural Resources	Less than Significant with Mitigation Incorporated	+	=	=
Total		**8 +** **0 =** **1 -**	**6 +** **3 =** **0 -**	**0 +** **3 =** **6 -**

+ Superior to the proposed project (reduced level of impact)

- Inferior to the proposed project (increased level of impact)

= Similar level of impact to the proposed project

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Section 1 Introduction

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7.2 List of Preparers

This EIR was prepared by the City of Novato, with the assistance of Rincon Consultants, Inc. Consultant staff involved in the preparation of the EIR are listed below.

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Michael Huang, Environmental Planner
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Elaine Foster, Archaeologist
Andrew McGrath, Paleontologist
Jennifer Guenther, Legal Counsel
Nikole Vannest, GIS Analyst

W-TRANS

Zack Matley, AICP, Principal

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Appendix A

Initial Study, Notice of Preparation, and Public Scoping Comments

Notice of Preparation

CITY OF NOVATO
CALIFORNIA

NOTICE OF PREPARATION
of an Environmental Impact Report for the Costco Fuel Facility Project
State Clearinghouse Number (SCH) No. 2021010190

Date:	August 10, 2023
To:	State Clearinghouse Responsible Agencies Trustee Agencies Marin County Clerk
NOP Comment Period:	Written comments must be submitted to the City's Community Development Department no later than **Monday, September 11, 2023, by 5:00 p.m.**
Project Location:	300 Vintage Way – see Figure 1 (attached)
Lead Agency Contact Person:	Brett Walker, AICP, Senior Planner Community Development Department City of Novato 922 Machin Avenue Novato, CA 94945 Telephone: (415) 493-4711 Email: bwalker@novato.org

INTRODUCTION

This Notice of Preparation (NOP) has been issued to notify interested parties of the preparation of an Environmental Impact Report (EIR) for the Costco Fuel Center Project (project). The City will be the lead agency under the California Environmental Quality Act (CEQA) and will prepare an EIR to evaluate the environmental effects associated with the project. This NOP has been issued to provide an opportunity for responsible and trustee agencies to submit comments on the scope of the EIR in relation to the project description. Agencies should comment on such information as it relates to their statutory responsibilities in connection with the project.

The City originally prepared an Initial Study/Mitigated Negative Declaration (IS/MND) for the project, and approved the IS/MND and the project on March 9, 2021. The sufficiency of the IS/MND was challenged in court. The trial court determined that evidence in the administrative record supported a fair argument that there *may* be a significant environmental impact from the project with respect to air quality and health risks requiring preparation of an EIR. Therefore, an EIR is being prepared to study air quality, as well as other CEQA topics of public interest. The City has conducted an Initial Study to assess which topics need

not be evaluated within the EIR. The Initial Study is available for review with this NOP and will be included as an appendix to the EIR.

This NOP, the Initial Study, and background documents associated with the project are available for review on the City's webpage at: https://www.novato.org/government/community-development/planning-division/planning-projects/costco-fuel-facility.

PROJECT DESCRIPTION

The project would develop a new fuel facility in place of an existing parking area adjacent to an existing Costco Wholesale store (Costco), on an approximately 1.15-acre portion of the Costco parking lot site. Costco is a membership-only store, and the proposed project would be for use by Costco members, and not open to the general public who are not members. The project includes a 10,244-square-foot fuel dispenser canopy, 14 dispensers (28 fueling positions), three 40,000-gallon gasoline underground storage tanks (UST), one 1,500-gallon additive UST, an approximately 125 square-foot controller enclosure, a vapor processing unit, directional striping, and an approximately 6,086 square-foot net increase in landscaped areas.

The project would remove 129 existing parking spaces from the Costco warehouse development. Additionally, one row of 62 parking spaces and associated tree planters would be relocated two (2) feet to the northwest to allow for adequate drive aisle spacing between the parking row and fuel facility. The project would also relocate an existing driveway on Vintage Way from approximately 320 feet south to approximately 260 feet south/southeast of the 9 Corners Wellness Spa pad building (208 Vintage Way, Suite K29). Costco would modify a segment of Vintage Way to provide a left-turn pocket providing access to the relocated driveway. Adding the left-turn pocket would involve modifying lane striping to accommodate two vehicle travel lanes and the left turn-pocket within the existing curb-to-curb width of Vintage Way. This lane reconfiguration would result in the replacement of an approximately 200-foot segment of Class II bike lane with a Class III bicycle route (i.e., bicycles and vehicles share the same lane) and associated pavement markings and signs.

POTENTIAL ENVIRONMENTAL EFFECTS AND SCOPE OF THE EIR

The EIR for the project will focus on the resource areas/issues germane to this particular project. The EIR will evaluate the potentially significant environmental impacts of the project and, if any significant environmental effects are identified, will evaluate whether there are feasible mitigation measures that may lessen or avoid such impacts. The EIR will also identify and evaluate alternatives to the project that could lessen or avoid any significant environmental impacts. As to the topics identified for study in the EIR, the EIR will evaluate all environmental issue areas identified in Appendix G of the *CEQA Guidelines*. Potential impacts will be addressed at both project and cumulative levels. The City has prepared an Initial Study to evaluate which environmental topic areas can be scoped out of the EIR, and it will be included as an appendix to the EIR. As to certain environmental topic areas, the Initial Study concluded that mitigation measures can be implemented to ensure that no significant environmental impacts will occur; such mitigation measures will be imposed as conditions on the project (if approved) and incorporated into the Mitigation Monitoring and Reporting Program. Based on the results of the Initial Study, and to respond to

the court decision and prior community interest in certain topics, the following topics will be analyzed in full in an EIR:

- Air Quality
- Biological Resources
- Cultural and Tribal Cultural Resources
- Energy and Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Transportation
- Mandatory Findings of Significance

NOP Comment Period: In accordance with the time limits identified in State law, your response to this NOP must be submitted to the City at the earliest possible date, but **not later than 5:00 p.m. on Monday September 11, 2023** (32 days following the date this notice was first posted). Please submit written comments to the Novato Community Development Department (including the contact person's full name and address) to:

Brett Walker, AICP, Senior Planner
City of Novato: Community Development Department
922 Machin Avenue
Novato, CA 94945
Email: bwalker@novato.org

Scoping Meeting: A scoping meeting will be conducted on MONDAY, AUGUST 28, 2023 at 7:00 pm as part of the regularly scheduled Planning Commission hearing which will be held at: Novato City Hall, 901 Sherman Avenue, Novato, California 94945 and virtually.

The meeting agenda, which will include remote (virtual) public participation/comment instructions, will be available at the following website at least 72 hours before the meeting start time: https://www.novato.org/government/city-council/agendas-minutes-videos

This NOP, an Initial Study, and background documents are available for review on the project webpage at: https://www.novato.org/government/community-development/planning-division/planning-projects/costco-fuel-facility.

Figure 1 – Project Site Location



Initial Study



Costco Fuel Center Project

Initial Study

State Clearinghouse Number: 2021010190

prepared by

City of Novato
Community Development Department
922 Machin Avenue
Novato, California 94945
Contact: Brett Walker, Senior Planner

prepared with the assistance of

Rincon Consultants, Inc.
4825 J Street, Suite 200
Sacramento, California 95819

August 2023

RINCON CONSULTANTS, INC.
Environmental Scientists | Planners | Engineers
rinconconsultants.com

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Costco Fuel Center Project

Initial Study

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Initial Study

This section describes the proposed project, including the project applicant, the project site and surrounding land uses, major project characteristics, project objectives, and discretionary actions needed for approval.

1. Project Applicant

Costco Wholesale
999 Lake Drive
Issaquah, Washington 98027

2. Lead Agency Contact Person

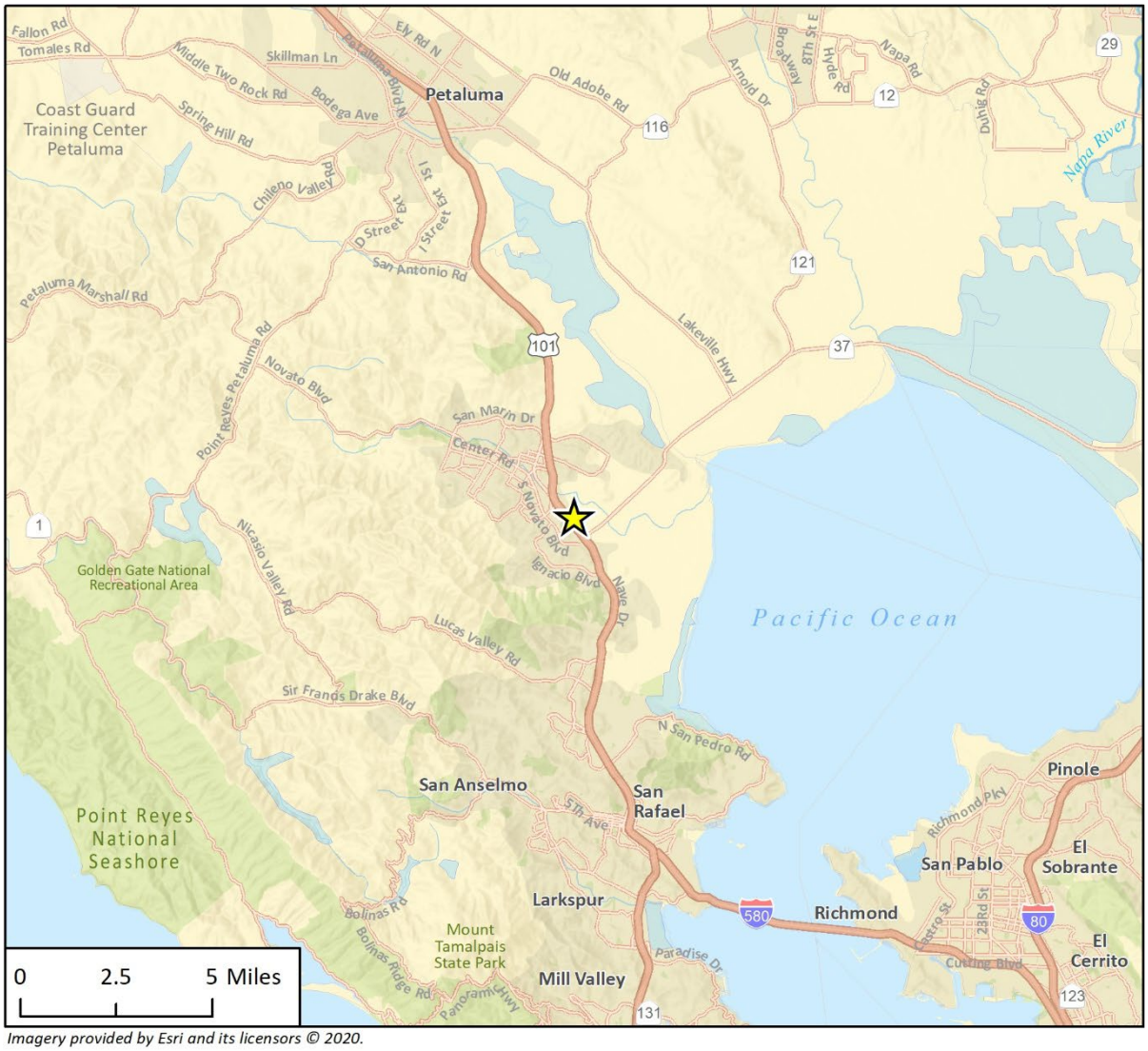
Brett Walker, AICP, Senior Planner
City of Novato
Community Development Department
922 Machin Avenue
Novato, California 94945
(415) 493-4711
bwalker@novato.org

3. Project Location

Novato is located in the greater North Bay region of the San Francisco Bay Area and is the northernmost city in Marin County. The City is located northwest of San Pablo Bay approximately 29 miles north of San Francisco, 37 miles northwest of Oakland, and approximately 35 miles north of the San Francisco International Airport.

The project is located within and adjacent to the Vintage Oaks Shopping Center in Novato, Marin County, California. Vintage Oaks is located southeast of the Highway 101 (US 101) and Rowland Boulevard freeway interchange. The project proposes to construct a fuel facility (gas station) at an existing Costco Wholesale (Costco) at 300 Vintage Way, and encompasses a portion of an existing parking lot, located southwest of the existing Costco building and includes approximately 1.15 acres of Assessor's Parcel Number 153-340-36 (project site). Costco would also modify Vintage Way to accommodate a left-turn pocket providing access to a driveway serving the project site. Figure 1 shows the regional location of the project area, and Figure 2 shows the proposed project locations and surrounding uses.

Figure 1 Regional Location



Imagery provided by Esri and its licensors © 2020.

Project Location

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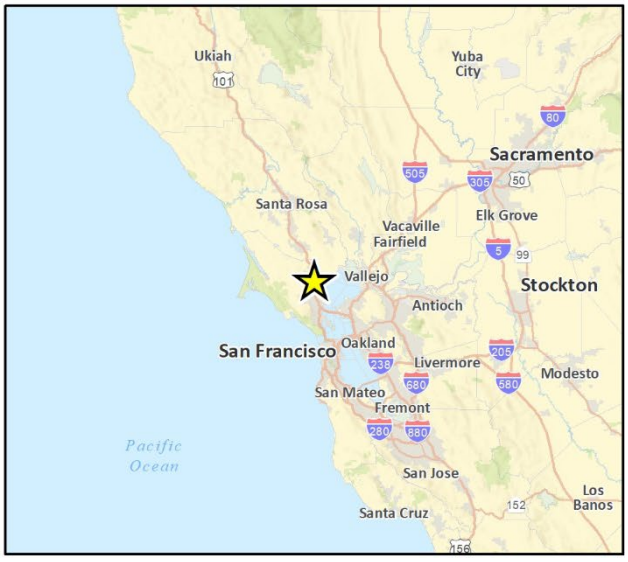


Figure 2 Project Site Location



Imagery provided by Microsoft Bing and its licensors © 2023.

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Fig 1 Project Location

4. Existing Site Characteristics

Current Land Use Designation and Zoning

The project site is currently developed with a surface parking lot that serves the adjacent Costco within the Vintage Oaks Shopping Center. The existing parking lot is accessed via several driveways along Vintage Way, the main driveway of which is located approximately 830 feet from the southern Rowland Boulevard and Vintage Way intersection. The project site has a General Plan land use designation of General Commercial (CG). The site is zoned Planned Development (PD), as defined by the City's Zoning Ordinance and the Land Use Element of the General Plan. In addition, the project site is located within the Vintage Oaks Precise Development Plan (PDP) zone. The PD zoning district often applies to large areas capable of being developed as an integrated community neighborhood, with public services, infrastructure, and neighborhood convenience retail services. The purpose of PDPs is to promote innovation and flexibility in the design of the proposed development within the PD zoning district. PDPs are expected to produce a comprehensive development of greater quality than that normally resulting from more traditional development. The proposed project would not require amendments to the City's General Plan or the Novato Municipal Code.

Surrounding Land Uses

As shown in Figure 2, the project site is surrounded by similar commercial uses associated with the Vintage Oaks Shopping Center and other areas east of US 101. An additional commercial building is located immediately across Vintage Way from the project site to the south. The Beverly Ehreth Ecological Preserve is located to the south of Vintage Way, and open space and wetland areas are located to the east of the Vintage Oaks Shopping Center, across Rowland Boulevard. The SMART rail line train tracks are located immediately east of Rowland Blvd. South of the Beverly Ehreth Ecological Preserve is the currently undeveloped Hanna Ranch property. Across US 101 to the southwest are single family and multi-family residential uses, approximately 450 feet from the nearest edge of the project site to the nearest residence's property line.

Surrounding General Plan land use designations include General Commercial (GC) within the entirety of Vintage Oaks Shopping Center, as well as the parcel located south of Vintage Way. The Beverly Ehreth Ecological Preserve and area east of Rowland Boulevard (between Vintage Way [north] and Vintage Way [south]) are designated as Open Space (OS). The area east of the project site is zoned as Planned Development (PD) and has a land use designation of Medium Density Multiple Family Residential (R10). Similarly, surrounding zoning designations include Planned District (PD) in the above-mentioned GC-designated areas and Open Space (OS) in the above-mentioned OS-designated areas.

5. Project Characteristics

The project would develop a new fuel facility in place of an existing parking area adjacent to an existing Costco Wholesale store (Costco), on an approximately 1.15-acre portion of the Costco parking lot site. Costco is a membership-only store, and the proposed project would be for use by Costco members, and not open to the general public who are not members. The project includes a 10,244-square-foot fuel dispenser canopy, 14 dispensers (28 fueling positions), three 40,000-gallon gasoline underground storage tanks (UST), one 1,500-gallon additive UST, an approximately 125 square-foot controller enclosure, a vapor processing unit, directional striping, and an approximately 6,086 square-foot net increase in landscaped areas. Costco's Fueling Facility Program (Appendix A)

provides details on proposed safety and design features intended to provide environmental safeguards and prevent public health or hazardous materials issues. Such features include monitoring during operational hours, emergency and automatic shut-offs, video surveillance, alarm systems, leak detection systems, the use of joint sealers, an oil/water separator, double-walled tanks, anchoring straps and reinforced concrete slabs, flexible piping connections, and Phase I and II Enhanced Vapor Recovery (EVR) systems (98 and 95 percent effective, respectively).

The fuel canopy would be designed consistent with the architecture of the existing Costco Wholesale, with a flat roof, metal-wrapped canopy fascia, and painted metal columns. The materials and colors would be similar to those used at the existing Costco Wholesale building. The design would also be consistent with the Vintage Oaks Design Manual description for the Costco Wholesale. Under-canopy lighting would consist of Costco's standard Cree light emitting diode (LED) lighting fixtures, focused downward and/or shielded per City Council Resolution No. 128-90, which is the Vintage Oaks Precise Development Plan approval document. Signage is proposed on each side of the fuel canopy, consistent with the Vintage Oaks Master Sign Plan, including maximum letter height and painted metal sign type requirements. Signage lighting will include downward "gooseneck" fixtures. The maximum height of the fuel canopy would be approximately 18.5 feet above finished grade.

The project would reduce the total existing impervious surface area by approximately 1,796 square feet, from 62,061 square feet to 60,265 square feet.

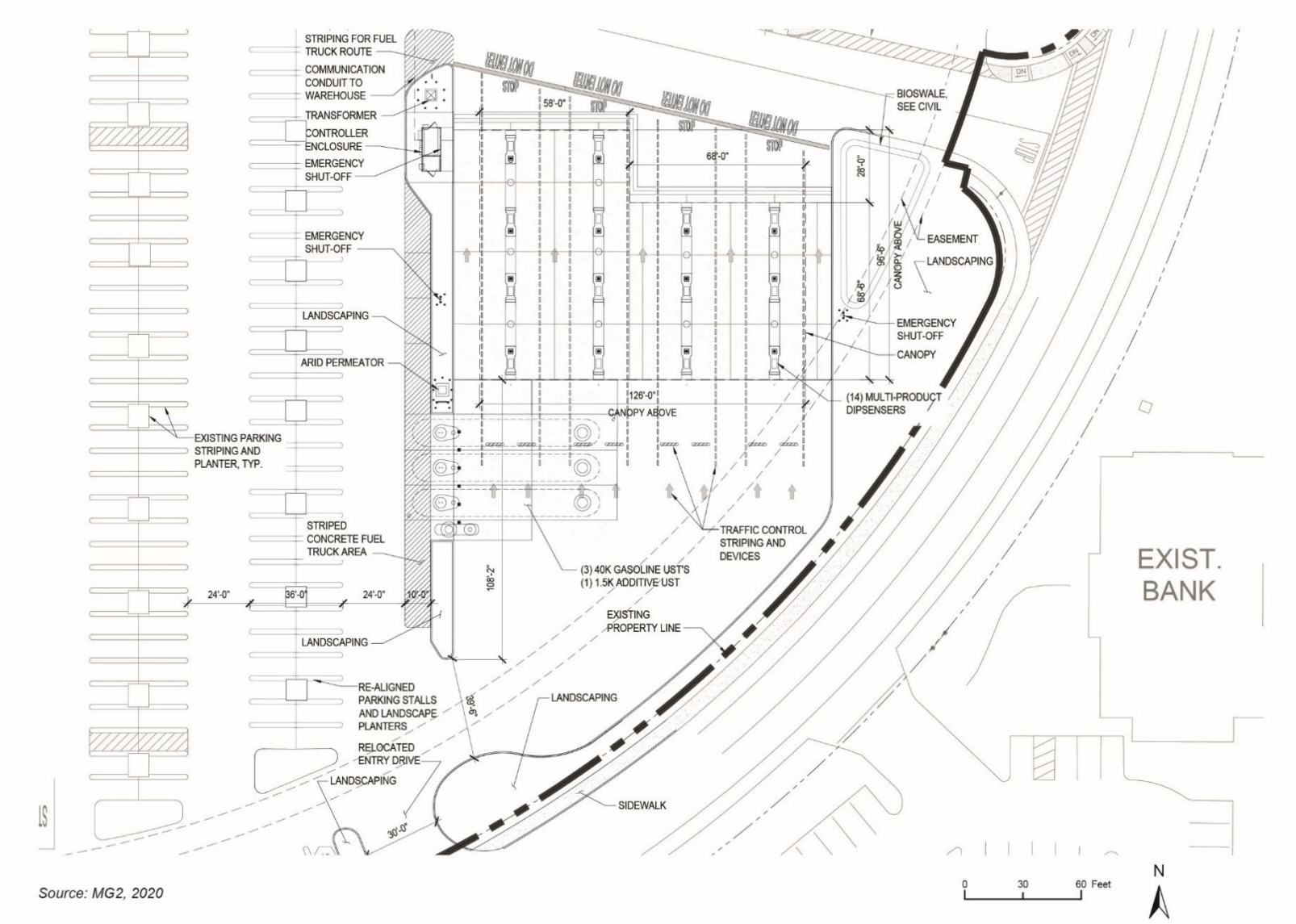
The existing project site currently does not use low impact development (LID) strategies. The project would install two bioretention areas sized to retain stormwater runoff from the entire project site. The drainage management area (DMA #09, 12,936 square feet in size) that collects runoff from the proposed fueling area would drain to the existing sanitary sewer and be treated by an oil/water separator, consistent with Section SC-20 of the California Stormwater Quality Association (CASQA) Stormwater Best Management Practice Handbook. Runoff from one drainage management area (DMA #10, 1,729 square feet in size) that encompasses the proposed driveway, would remain untreated. Additionally, the project includes several permanent source control and operational source control BMPs, specified in the Stormwater Control Plan for the project.

Proposed Site Plan

See Figure 3 for the project site plan and Figure 4 for the proposed Vintage Way striping improvements. Additional site plan details are provided in Appendix B.

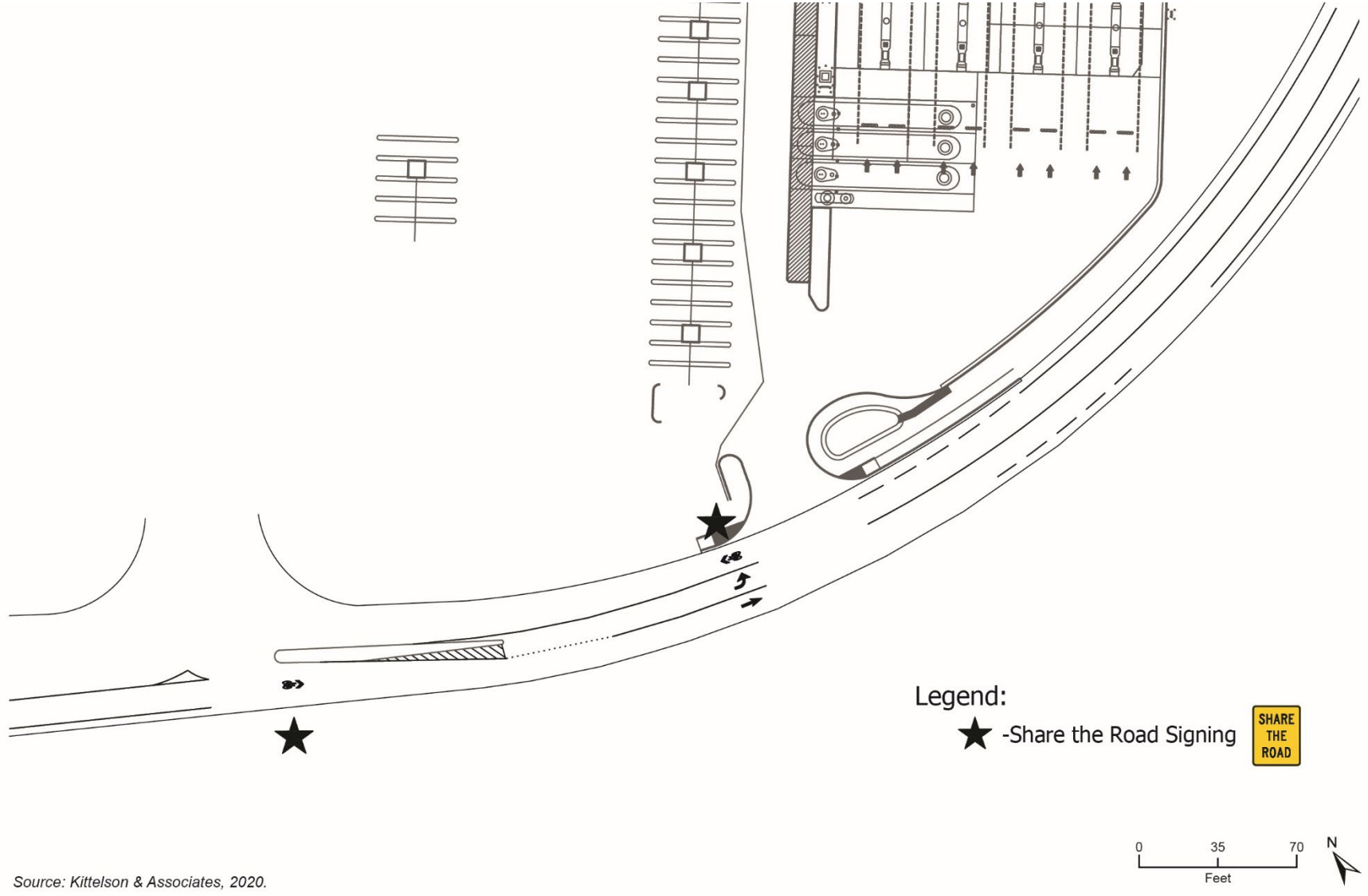
The project will provide a net increase of approximately 6,086 square feet of landscape area for the overall Costco development. The Vintage Oaks Design Manual requires a minimum of five percent (5%) of the interior parking area to be landscaped exclusive of required perimeter landscaping. The Precise Development Plan requires a minimum of 30 percent of shade coverage for the parking area. The project would remove 27 trees and install 6,086 square feet of new landscaping.

Figure 3 Project Site Plan



Source: MG2, 2020

Figure 4 Vintage Way Striping Modification



Source: Kittelson & Associates, 2020.

Parking and Site Access

The project would remove 129 existing parking spaces from the Costco warehouse development. Additionally, one row of 62 parking spaces and associated tree planters would be relocated two (2) feet to the northwest to allow for adequate drive aisle spacing between the parking row and fuel facility. Despite removing 129 parking stalls, Vintage Oaks would continue to conform to Novato's parking requirements for shopping centers. Notably, the Rowland Boulevard Public Works Project, which was completed in November 2022, implemented traffic calming measures and added 195 parking stalls along Rowland Boulevard behind Vintage Oaks. The additional parking stalls expand parking for employees of the businesses at Vintage Oaks thereby reserving on-site parking for shoppers.

The project would also relocate an existing driveway on Vintage Way from approximately 320 feet south to approximately 260 feet south of the existing Men's Wearhouse clothing store. Costco would modify a segment of Vintage Way to provide a left-turn pocket providing access to the relocated driveway. Adding the left-turn pocket would involve modifying lane striping to accommodate two vehicle travel lanes and the left turn-pocket within the existing curb-to-curb width of Vintage Way. This lane reconfiguration would result in the replacement of an approximately 200-foot segment of Class II bike lane with a Class III bicycle route (i.e., bicycles and vehicles share the same lane) and associated pavement markings and signs.

Utilities

The North Marin Water District (NMWD) will be responsible for providing water to the project site. Wastewater services are provided by the Novato Sanitary District (NSD) and treated at the Novato Treatment Plant (NTP). Pacific Gas & Electric (PG&E) supplies electricity. The proposed project would not connect to or utilize any natural gas sources. The NSD and its franchise service provider, Recology, provide solid waste and recycling disposal services in the project vicinity for the provision of trash, recycling and organics services to the proposed project.

Construction and Grading

Costco Fuel Facility construction is anticipated to last approximately three months. Grading and excavation are required for the installation of canopy footings, USTs, product piping, stormwater improvements, and utility installation. USTs would require excavation to depths of approximately 16 feet and would be installed with 5 to 7 feet of cover.

6. Project Objectives

The applicant's project objectives are as follows:

- Develop a new fuel facility as an extension of the Costco Wholesale in the Vintage Oaks Shopping Center to support the fueling needs of local Costco members.
- Design and construct a project in accordance with Costco's Fueling Facility Program that provides details on proposed safety and design features intended to provide environmental safeguards and prevent public health or hazardous materials issues.
- Develop a fuel facility of a design providing safe and efficient vehicle circulation (customer vehicles and fuel trucks) and minimizing customer wait and vehicle idling times.

7. Required Approvals

The City of Novato is the sole agency with the authority to approve the proposed project's land use entitlements, including:

- **Use Permit.** The Vintage Oaks Precise Development Plan (PDP), the primary zoning/land use regulatory document applicable to the site, requires approval of a Use Permit for gas stations.
- **Design Review**. Design Review is required for new commercial development projects. A recommendation from the Design Review Commission on the project's design, architecture, and landscaping was made on October 7, 2020.

The following service districts require their own permits to approve the construction detail design and inspection and acceptance of various project-serving improvements:

- **Novato Fire Protection District (NFPD)** would determine compliance with local fire code requirements for emergency access and life safety systems (e.g., fire sprinklers).
- **Novato Sanitary District (NSD)** is the wastewater utility at the project site. The sanitary district will review the project design and construction of new wastewater infrastructure associated with the project.
- **North Marin Water District (NMWD)** is the domestic and recycled water provider at the site. New domestic and recycled water connections will need to be designed to NMWD standards and approved by NMWD.

The following regional, state, and federal agencies would require their own permits, inspections, reporting and/or certifications prior to construction and/or operation of the gas station:

- **United States Environmental Protection Agency (USEPA)**
  - USEPA National Emissions Standards for Hazardous Air Pollutants Subpart CCCCCC (National Emission Standards for Hazardous Air Pollutants [NESHAP] 6C)
    - 120-Day Initial Notification for Gasoline Dispensing Facilities
    - 60-Day Notification of Performance Test
    - 180-Day Notification of Compliance Status/ Testing and Reports for Gasoline Dispensing Facilities
  - Tier II Chemical Reporting
  - Emergency Planning and Community Right-to-Know Act Hazardous Chemical Inventory Reporting
  - Class A/B Operator Training
- **California Department of Industrial Relations**
  - Trench/Excavation Permit
- **Marin County Certified Unified Program Agency (CUPA)**
  - Hazardous Materials/Waste Management Plan
  - Underground Storage Tank Permit to Install
- **Marin County Department of Agriculture, Weights, and Measures**
  - Gas Pump Inspection/Certification

- **Bay Area Air Quality Management District**
  - Authority to Construct/Permit to Operate
- **Regional Water Quality Control Board**
  - NPDES Construction General Permit

Environmental Factors Potentially Affected

The City originally prepared an Initial Study/Mitigated Negative Declaration (IS/MND) for the project, and approved the IS/MND and the project on March 9, 2021. The sufficiency of the IS/MND was challenged in court. The trial court determined that evidence in the administrative record supported a fair argument that there *may* be a significant environmental impact from the project with respect to air quality and health risks requiring preparation of an EIR. Therefore, an EIR will be prepared to study air quality, as well as other CEQA topics of demonstrated public interest. In order to respond to the court decision and prior community interest in certain topics, the following topics will be analyzed in full in an EIR:

- Air Quality
- Biological Resources
- Cultural and Tribal Cultural Resources
- Energy and Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Transportation

The City has prepared this Initial Study to assess whether and confirm that the remaining CEQA topics can be scoped out of the EIR. As to certain environmental topic areas, the Initial Study concludes that standard conditions of approval can be implemented to ensure that no significant environmental impacts will occur. Such conditions are set forth herein as mitigation measures and will be imposed as conditions on the project (if approved) and incorporated into the Mitigation Monitoring and Reporting Program. The Initial Study will be included as an appendix to the EIR.

Determination

Based on this initial evaluation:

☐ I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.

☐ I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions to the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.

■ I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

☐ I find that the proposed project MAY have a "potentially significant impact" or "less than significant with mitigation incorporated" impact on the environment, but at least one effect (1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and (2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.

☐ I find that although the proposed project could have a significant effect on the environment, because all potential significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project, nothing further is required.

Brett Walker	08/08/2023
Signature	Date
Brett Walker, AICP	Senior Planner
Printed Name	Title

Environmental Checklist

1 Aesthetics

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Except as provided in Public Resources Code Section 21099, would the project:				
a. Have a substantial adverse effect on a scenic vista?	☐	☐	■	☐
b. Substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	☐	☐	☐	■
c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	☐	☐	■	☐
d. Create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area?	☐	☐	■	☐

a. Would the project have a substantial adverse effect on a scenic vista?

A scenic vista can generally be defined as a viewpoint that provides expansive views of a highly valued landscape for the benefit of the general public. The City of Novato General Plan identifies hillsides and ridgelines surrounding Novato as scenic resources which generally enhance the community's visual character. The project site is not within a scenic hill or ridge area or a scenic conservation area, per General Plan Figure ES-6 (City of Novato 2020a). From the project site looking to the west, distant views of hills can be seen. But views of scenic areas are generally obstructed by existing buildings, topography, and trees in the vicinity of the site.

The project includes the development of a fuel facility on an existing parking lot. The scale and massing for the proposed fuel facility is similar to the existing commercial uses in the Vintage Oaks Shopping Center, an area that is not designated as a scenic resource. The project would not have an adverse effect on an identified scenic resource, nor would the project improvements substantially

block views of the surrounding hillsides and ridgelines. Therefore, impacts to scenic vistas would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

There are no officially designated State Scenic Highways in Marin County (California Department of Transportation [Caltrans] 2019). Therefore, the project would not cause substantial damage to scenic resources within a state scenic highway. There would be no impact.

NO IMPACT

c. Would the project, in non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

The project site is developed and located within and adjacent to commercial development in the Vintage Oaks Shopping Center to the north and east; a commercial building to the south across Vintage Way; open space and wetland areas to the northeast, east, and southeast of Rowland Boulevard, as well as south of Vintage Way; and residences across US 101 to the southwest. Therefore, it is within an urbanized area.

The project would not alter the General Plan land use designation or zoning designation of the project site. The project would develop a fuel facility in place of a portion of an existing surface parking lot. The fuel facility design would be consistent with the Vintage Oaks Design Manual description for Costco Wholesale. Thirty-seven trees would be planted at the fuel facility site to replace 41 trees proposed for removal, and 6,086 square feet of new landscaping and two bioretention areas would be installed.

The proposed fuel facility is subject to the City's Design Review process, which includes an assessment of site design, architecture, and landscaping to, in part, consider the project's compliance with applicable design standards and aesthetic compatibility. The project was presented to the Novato Design Review Commission on August 19, 2020, and October 7, 2020. The Design Review Commission found the site, architectural, and landscape design of the fuel facility to be consistent with the Vintage Oaks Design Manual and the Costco Wholesale warehouse. Accordingly, the Design Review Commission voted to recommend that the Planning Commission and City Council approve the fuel facility design on October 7, 2020.

The proposed modifications to Vintage Way, including the new left-turn pocket, would involve lane striping modifications and new pavement markings and signs to identify shared bicycle use of travel lanes. These modifications would not impede scenic views or alter the visual character of the area since the noted features are primarily at-grade and already exist along Vintage Way.

The Novato General Plan identifies scenic resources under Environmental Stewardship policy ES-15 (Scenic Resources) and programs ES-15a (Hillside and Ridgeline Protection), ES-15b (Ridgeline Map), and ES-15c (Allowances for Pre-Existing Homes). General Plan Figure ES-6 (City of Novato 2020a) identifies scenic lands. Policy ES-15 and its accompanying programs are intended to protect visual values on hillsides, ridgelines, and other scenic resources. The project site is not located in a scenic

area identified on Figure ES-6 of the General Plan, and Section 19.26 of the Hillside and Ridgeline Protection ordinance found in the Novato Municipal Code (NMC) does not apply.

Overall, no zoning and General Plan regulations governing scenic quality apply to this project. Further, the project would not impair views of the scenic lands to the east of Rowland Boulevard. Therefore, there is a less than significant impact on scenic quality.

LESS THAN SIGNIFICANT IMPACT

d. Would the project create a new source of substantial light or glare that would adversely affect daytime or nighttime views in the area?

The project site is in a developed area with high levels of existing lighting and currently includes standard exterior parking lot lighting. Existing light sources also include lighting from adjacent commercial buildings and parking areas, as well as headlights from the SMART commuter trains, NWPR freight trains, and vehicles travelling on Rowland Boulevard, Vintage Way, and within Vintage Oaks Shopping Center. The primary source of glare in the project area is the sun's reflection off of light-colored and reflective building materials and finishes, and from metallic and glass surfaces of parked vehicles.

Vehicle use of the project site would generate glare from reflected sunlight during certain times of the day. Such glare currently exists at the Costco Warehouse parking lot and would be somewhat reduced as a result of vehicles temporarily parking under the fuel facility canopy. In addition, the fuel facility itself does not propose to introduce materials into the design that would create substantial glare. Proposed materials would be consistent with the design and materials used for the existing Costco Wholesale building, which include non-reflective finishes. Proposed canopy lighting would consist of Costco's standard Cree LED lighting fixtures, focused downward and/or shielded per City Council Resolution No. 128-90 and Novato Zoning Code Section 19.22.060. Headlights of vehicles entering and exiting the project site at night would be downcast and shielded by both existing and proposed structures and vegetation.

The project site is in a generally urban environment with numerous existing sources of light and glare. The project would not substantially alter this condition. Therefore, impacts related to light and glare would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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2 Agriculture and Forestry Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	☐	☐	☐	■
b. Conflict with existing zoning for agricultural use or a Williamson Act contract?	☐	☐	☐	■
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)); timberland (as defined by Public Resources Code Section 4526); or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?	☐	☐	☐	■
d. Result in the loss of forest land or conversion of forest land to non-forest use?	☐	☐	☐	■
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?	☐	☐	☐	■

a. Would the project convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

b. Would the project conflict with existing zoning for agricultural use or a Williamson Act contract?

c. Would the project conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)); timberland (as defined by Public Resources Code Section 4526); or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

d. Would the project result in the loss of forest land or conversion of forest land to non-forest use?

e. Would the project involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?

There are no areas of Prime Farmland, Unique Farmland, or Farmland of Statewide Importance within Novato (California Department of Conservation 2022a), and the project site is not under a Williamson Act contract (California Department of Conservation 2022b). The site is designated as General Commercial in the Novato General Plan, zoned Planned Development, and in the Vintage Oaks Precise Development Plan. The site does not contain forestland or timberland. Therefore, the proposed project would not result in the conversion of agriculture use to non-agriculture uses, conflict with a Williamson Act contract, or existing zoning for agriculture, forest or timberland or result in the loss of such lands and there would be no impact on agricultural and forestry resources.

NO IMPACT

3 Air Quality

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Conflict with or obstruct implementation of the applicable air quality plan?	■	□	□	□
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	■	□	□	□
c. Expose sensitive receptors to substantial pollutant concentrations?	■	□	□	□
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	■	□	□	□

All of the environmental topic areas within Air Quality, as outlined above, will be addressed in the EIR.

4 Biological Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	■	□	□	□
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	■	□	□	□
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	■	□	□	□
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	■	□	□	□
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	■	□	□	□
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	■	□	□	□

All of the environmental topic areas within Biological Resources, as outlined above, will be addressed in the EIR.

5 Cultural Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5?	■	□	□	□
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	■	□	□	□
c. Disturb any human remains, including those interred outside of formal cemeteries?	■	□	□	□

All of the environmental topic areas within Cultural Resources, as outlined above, will be addressed in the EIR.

6 Energy

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	■	□	□	□
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	■	□	□	□

The environmental topics associated with Energy, as outlined above, will be addressed in the EIR.

7 Geology and Soils

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
1. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?	☐	☐	■	☐
2. Strong seismic ground shaking?	☐	☐	■	☐
3. Seismic-related ground failure, including liquefaction?	☐	☐	■	☐
4. Landslides?	☐	☐	■	☐
b. Result in substantial soil erosion or the loss of topsoil?	☐	☐	■	☐
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?	☐	☐	■	☐
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?	☐	☐	■	☐
e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	☐	☐	■	☐
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	☐	■	☐	☐

The City of Novato requires that a geotechnical report be submitted with the grading permit application when required grading is equal to or exceeds 100 cubic yards. A Geotechnical Study was prepared for the proposed project by Kleinfelder in April 2020, which is included as Appendix C. Typically, geotechnical reports are submitted at the permitting stage with construction and design recommendations. However, because the required geotechnical report has already been prepared, geotechnical information and recommendations are known at this time and will be included in the discussion below.

a.1. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?

a.2. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving strong seismic ground shaking?

The project site is located in a seismically active region due to its proximity to the active margin of the North American and Pacific Plates. The nearest fault is the Burdell Mountain fault, located approximately 1.7 miles northeast of the project site (USGS 2019). No known active faults run through the project site; therefore, the potential for surface rupture resulting from the movement of nearby major faults is considered low.

Ground shaking refers to movement of the Earth's surface during a seismic event. Ground shaking is normally the major cause of structural damage in earthquakes. The project includes construction of a controller structure and fuel canopy, fuel dispensers, as well as the placement of underground fuel storage tanks. These structures would not expose people to adverse effects of seismic ground shaking since they are required to be designed to meet the requirements of the California Building Code, including seismic design criteria providing the minimum standards for structure foundations, anchoring, and bracing to resist ground shaking and collapse. Compliance with the California Building Code is mandatory by state and local law and will be confirmed via plan checks performed upon submittal of a building permit application for the fuel center and inspections performed during its construction.

The underground fuel storage tanks are proposed to be designed to withstand ground movement, including being secured in place with anchoring straps (tie-downs) connected to concrete hold downs (deadmen), backfilled with pea gravel, and capped with an 8-inch thick reinforced concrete slab (Appendix B). Further, the tank systems will feature flexible pipe joints and flexible fiberglass double walled tank construction. The tank system also includes leak detection equipment to immediately identify any fuel escaping from a tank(s), which is considered a low probability given the redundancies built into the system. The fuel dispenser system is designed with break-away connections that include cut-off valves immediately stopping the flow of fuel through the dispenser if it is knocked off its anchoring or a hose is pulled from a unit. These features are mandated by federal and state design and construction standards for fuel facilities by the agencies noted in Environmental Checklist Section 10 of this Initial Study and subject to associated permits and inspections during construction to determine compliance with such standards. Therefore, impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

a.3. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving seismic-related ground failure, including liquefaction?

Liquefaction is the process by which soil is temporarily transformed to fluid form during intense and prolonged ground shaking or because of a sudden shock or strain. Liquefaction typically occurs in areas where the groundwater is less than 30 feet from the surface and where the soils are composed of poorly consolidated fine to medium sand. According to the geotechnical study included in Appendix C, the project site is located on alluvial soils and Bay Mud (sandy clay over fat clay and elastic silt). Although groundwater is less than 30 feet from the surface of the project site, there is not a liquefaction hazard at the site due to the absence of cohesionless soils (Appendix C).

The geotechnical report (Appendix C) recommends standard construction techniques that will be incorporated into the project's design. Further, the fuel canopy would be designed as required by the CBC. Sections 1804 through 1812 of the CBC contain information for the design and verification of adequate soils and foundation support for individual elements of the project. Section 1802 of the CBC requires the use of this information in the seismic analyses prepared for the site-specific investigations, which must be prepared in connection with the permits for individual elements of the project. Additionally, Novato's grading permit requirements mandate a geotechnical report to be submitted with the grading permit application when projects require grading equal to or exceeding 100 cubic yards (CY). The project would include approximately 1,727 CY of cut soil and the project applicant has already completed a geotechnical report that complies with this requirement. Accordingly, the project would not increase the risk of loss, injury, or death due to liquefaction. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

a.4. Would the project directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving landslides?

The project site is relatively flat, and is not located in an identified landslide hazard zone (City of Novato 2020a). Therefore, the project would not expose people or structures to risk of loss, injury, or death involving landslides or liquefaction; impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project result in substantial soil erosion or the loss of topsoil?

The project site is relatively flat and therefore has a low risk of soil erosion. Being flat, with minimal slopes, substantial runoff would not occur within the project site, which would minimize the risk of soil erosion. Proposed construction activities would be required to comply with NMC 7-4.10(c), which requires construction plans to include erosion control best management practices (BMP). Additionally, the project would be required to comply with National Pollutant Discharge Elimination System (NPDES) Construction General Permit requirements and prepare a Stormwater Pollution Prevention Plan (SWPPP), which includes BMPs for erosion control. Impacts from soil erosion or loss of topsoil would be less than significant.

LESS THAN SIGNIFICANT IMPACT

c. Would the project be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

As discussed under criteria *a.3* and *a.4* of this section, the project would have less than significant impacts regarding landslides as the project is located on a relatively level site and is not located in a designated landslide hazard zone. Similarly, as discussed under criterion *a.3* of this section, the

project would have a less than significant impact regarding liquefaction as site soils are not considered a liquefaction hazard (Appendix C). Furthermore, adherence to applicable regulations and requirements would result in less than significant impacts related to landslides and liquefaction. In addition, the construction and operation of the project itself would not generate ground movement or vibration capable of inducing liquefaction or associated lateral spreading of the ground. The project does not involve ground-based resource extraction activities, such as mining or pumping ground water, that could result in ground subsidence. The project in and of itself has a low risk of causing any on- or off-site structure collapse based on the observations above. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

d. Would the project be located on expansive soil, as defined in Table 1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

Expansive soils are soils that due to their composition and moisture content have a potential to undergo significant changes in volume, in the form of either shrinking or swelling. Periodic shrinking and swelling of expansive soils can cause extensive damage to buildings, other structures and roads. The project site is not underlain by expansive soils (Appendix C). As discussed under criteria *a.1*, *a.2*, *a.3* and *a.4*, above, the project would be subject to applicable regulations and requirements regarding soil hazards. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

e. Would the project have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

No septic tanks or alternative wastewater disposal systems are proposed as part of the project. No impact would occur.

NO IMPACT

f. Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

The project site is in an area of low to no paleontological sensitivity (Graymer et al. 2006). As the project site is located in a low sensitivity geologic unit, the project is unlikely to encounter paleontological resources. However, the possibility exists that construction may uncover previously undiscovered paleontological resources. Impacts would be less than significant with incorporation of Mitigation Measure GEO-1.

Mitigation Measure

GEO-1 Discovery of Previously Unidentified Paleontological Resources

Paleontological Worker Environmental Awareness Program. Prior to the start of construction, a Qualified Professional Paleontologist (as defined by Society of Vertebrate Paleontology [2010]) or their designee shall conduct a paleontological Worker Environmental Awareness Program training for construction personnel regarding the appearance of fossils and the procedures for notifying paleontological staff should fossils be discovered by construction staff.

Unanticipated Discovery of Paleontological Resources. In the event a fossil is discovered during construction of the project, excavations within 50 feet of the find shall be temporarily halted or delayed until the discovery is examined by a Qualified Professional Paleontologist retained by the applicant. The project applicant shall include a standard inadvertent discovery clause in every construction contract to inform contractors of this requirement. If the find is determined by the Qualified Professional Paleontologist to be significant, the Qualified Professional Paleontologist shall design and carry out a data recovery plan consistent with the Society of Vertebrate Paleontology (2010) standards.

LESS THAN SIGNIFICANT WITH MITIGATION INCORPORATED

8 Greenhouse Gas Emissions

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	■	□	□	□
b. Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	■	□	□	□

The environmental topics associated with Greenhouse Gas Emissions, as outlined above, will be addressed in the EIR.

9 Hazards and Hazardous Materials

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	■	□	□	□
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	■	□	□	□
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within 0.25 mile of an existing or proposed school?	■	□	□	□
d. Be located on a site that is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	■	□	□	□
e. For a project located in an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	■	□	□	□
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	■	□	□	□
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?	■	□	□	□

The environmental topics associated with Hazards and Hazardous Materials, as outlined above, will be addressed in the EIR.

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10 Hydrology and Water Quality

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	■	☐	☐	☐
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	■	☐	☐	☐
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:				
(i) Result in substantial erosion or siltation on- or off-site;	■	☐	☐	☐
(ii) Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;	■	☐	☐	☐
(iii) Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	■	☐	☐	☐
(iv) Impede or redirect flood flows?	■	☐	☐	☐
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	■	☐	☐	☐
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	■	☐	☐	☐

The environmental topics associated with Hydrology and Water Quality, as outlined above, will be addressed in the EIR.

11 Land Use and Planning

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Physically divide an established community?	☐	☐	☐	■
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?	☐	☐	■	☐

a. Would the project physically divide an established community?

The project site is located in an area with similar commercial uses, with the closest residences located across US 101 to the southwest. The project would not result in the removal of any existing roadways or the construction of barriers that could prevent access within an established community. Therefore, the project would not physically divide an established community and no impact would occur.

NO IMPACT

b. Would the project cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

The project site has a Novato General Plan designation of General Commercial (GC). The project site is zoned by the City of Novato as Planned Development (PD). The site is also located in the Vintage Oaks Precise Development Plan (PDP) area and involves striping modifications to a segment of Vintage Way. The project would include approval of a use permit to allow a fueling station under the PDP. The project has been evaluated by the Design Review Commission, and a recommendation was made on October 7, 2020 by the Commission. The project would be consistent with General Plan 2035.

The project would be consistent with General Plan policy PF-3a, regarding water conservation and water-efficient landscaping, and policy ES-27f regarding provision of recycling services. While the proposed project would not include recycling bins, the associated Costco Wholesale does provide recycling facilities that would be available to customers.

As discussed in Environmental Checklist Section 13, *Noise,* the addition of the project would not result in noise levels greater than the maximum normally acceptable exterior sound levels described in Chapter 4 of the General Plan.

Additionally, the project is consistent with the City's CAP, adopted as part of General Plan 2035.The project would be consistent with CAP Reduction Measures such as RM 11 and RM 13 by using lightly colored material on the facility's canopy to increase albedo and installing low water use landscaping.

No physical impact would be created through inconsistency with any applicable City land use plan, policy, or regulation. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

12 Mineral Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	☐	☐	☐	■
b. Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	☐	☐	☐	■

a. Would the project result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

b. Would the project result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?

The project would occur in a developed area of Novato where there are no active mining operations or known mineral resources present. The project site does not fall within a Mineral Resource Zone (Stinson et al. 1982). In addition, the General Plan does not identify mineral resources within the vicinity of the project area (City of Novato 2020a). No mineral resources would be altered or displaced by the project. There would be no impact.

NO IMPACT

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13 Noise

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project result in:				
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	☐	☐	■	☐
b. Generation of excessive groundborne vibration or groundborne noise levels?	☐	☐	■	☐
c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	☐	☐	☐	■

Overview of Noise and Vibration

Noise

Sound is a vibratory disturbance created by a moving or vibrating source, which is capable of being detected by the hearing organs. Noise is defined as sound that is loud, unpleasant, unexpected, or undesired and may therefore be classified as a more specific group of sounds. The effects of noise on people can include general annoyance, interference with speech communication, sleep disturbance, and, in the extreme, hearing impairment (California Department of Transportation [Caltrans] 2013).

HUMAN PERCEPTION OF SOUND

Noise levels are commonly measured in decibels (dB) using the A-weighted sound pressure level (dBA). The A-weighting scale is an adjustment to the actual sound pressure levels so that they are consistent with the human hearing response. Decibels are measured on a logarithmic scale that quantifies sound intensity in a manner similar to the Richter scale used to measure earthquake magnitudes. A doubling of the energy of a noise source, such as doubling of traffic volume, would increase the noise level by 3 dB; dividing the energy in half would result in a 3 dB decrease (Caltrans 2013).

Human perception of noise has no simple correlation with sound energy: the perception of sound is not linear in terms of dBA or in terms of sound energy. Two sources do not "sound twice as loud" as one source. It is widely accepted that the average healthy ear can barely perceive changes of 3 dBA, increase or decrease (i.e., twice the sound energy); that a change of 5 dBA is readily perceptible (8 times the sound energy); and that an increase (or decrease) of 10 dBA sounds twice (or half) as loud (10.5 times the sound energy) (Caltrans 2013).

SOUND PROPAGATION AND SHIELDING

Sound changes in both level and frequency spectrum as it travels from the source to the receiver. The most obvious change is the decrease in the noise level as the distance from the source increases. The manner by which noise reduces with distance depends on factors such as the type of sources (e.g., point or line), the path the sound will travel, site conditions, and obstructions.

Sound levels are described as either a "sound power level" or a "sound pressure level," which are two distinct characteristics of sound. Both share the same unit of measurement, the dB. However, sound power (expressed as L_{pw}) is the energy converted into sound by the source. As sound energy travels through the air, it creates a sound wave that exerts pressure on receivers, such as an eardrum or microphone, which is the sound pressure level. Sound measurement instruments only measure sound pressure, and noise level limits are typically expressed as sound pressure levels.

Noise levels from a point source (e.g., construction, industrial machinery, air conditioning units) typically attenuate, or drop off, at a rate of 6 dBA per doubling of distance. Noise from a line source (e.g., roadway, pipeline, railroad) typically attenuates at about 3 dBA per doubling of distance (Caltrans 2013). Noise levels may also be reduced by intervening structures; the amount of attenuation provided by this "shielding" depends on the size of the object and the frequencies of the noise levels. Natural terrain features, such as hills and dense woods, and man-made features, such as buildings and walls, can significantly alter noise levels. Generally, any large structure blocking the line of sight will provide at least a 5-dBA reduction in source noise levels at the receiver (Federal Highway Administration [FHWA] 2011). Structures can substantially reduce exposure to noise as well. The FHWA's guidance indicates that modern building construction generally provides an exterior-to-interior noise level reduction of 10 dBA with open windows and an exterior-to-interior noise level reduction of 20 to 35 dBA with closed windows (FHWA 2011).

DESCRIPTORS

The impact of noise is not a function of loudness alone. The time of day when noise occurs and the duration of the noise are also important factors of project noise impact. Most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been developed. The noise descriptors used for this study are the equivalent noise level (L_{eq}), Day-Night Average Level (DNL; may also be symbolized as L_{dn}), and the community noise equivalent level (CNEL; may also be symbolized as L_{den}).

L_{eq} is one of the most frequently used noise metrics; it considers both duration and sound power level. The L_{eq} is defined as the single steady-state A-weighted sound level equal to the average sound energy over a time period. When no time period is specified, a 1-hour period is assumed. The L_{max} is the highest noise level within the sampling period, and the L_{min} is the lowest noise level within the measuring period. Normal conversational levels are in the 60 to 65-dBA L_{eq} range; ambient noise levels greater than 65 dBA L_{eq} can interrupt conversations (Federal Transit Administration [FTA] 2018).

Noise that occurs at night tends to be more disturbing than that occurring during the day. Community noise is usually measured using Day-Night Average Level (DNL or L_{DN}), which is the 24-hour average noise level with a +10 dBA penalty for noise occurring during nighttime hours (10:00 p.m. to 7:00 a.m.). Community noise can also be measured using Community Noise Equivalent Level (CNEL or L_{DEN}), which is the 24-hour average noise level with a +5 dBA penalty for noise occurring from 7:00 p.m. to 10:00 p.m. and a +10 dBA penalty for noise occurring from 10:00 p.m. to 7:00 a.m. (Caltrans 2013).[1] The relationship between the peak-hour L_{eq} value and the L_{DN}/CNEL depends on the distribution of noise during the day, evening, and night; however noise levels described by L_{DN} and CNEL usually differ by 1 dBA or less. Quiet suburban areas typically have CNEL noise levels in the range of 40 to 50 CNEL, while areas near arterial streets are in the 50 to 60+ CNEL range (FTA 2018).

Groundborne Vibration

Groundborne vibration of concern in environmental analysis consists of the oscillatory waves that move from a source through the ground to adjacent buildings or structures and vibration energy may propagate through the buildings or structures. Vibration may be felt, may manifest as an audible low-frequency rumbling noise (referred to as groundborne noise), and may cause windows, items on shelves, and pictures on walls to rattle. Although groundborne vibration is sometimes noticeable in outdoor environments, it is almost never annoying to people who are outdoors. The primary concern from vibration is that it can be intrusive and annoying to building occupants at vibration-sensitive land uses and may cause structural damage.

Typically, ground-borne vibration generated by man-made activities attenuates rapidly as distance from the source of the vibration increases. Vibration amplitudes are usually expressed in peak particle velocity (PPV) or root mean squared (RMS) vibration velocity. The PPV and RMS velocity are normally described in inches per second (in/sec). PPV is defined as the maximum instantaneous positive or negative peak of a vibration signal. PPV is often used as it corresponds to the stresses that are experienced by buildings (Caltrans 2020).

High levels of groundborne vibration may cause damage to nearby building or structures; at lower levels, groundborne vibration may cause minor cosmetic (i.e., non-structural damage) such as cracks. These vibration levels are nearly exclusively associated with high impact activities such as blasting, pile-driving, vibratory compaction, demolition, drilling, or excavation. The American Association of State Highway and Transportation Officials (AASHTO) has determined vibration levels with potential to damage nearby buildings and structures; these levels are identified in Table 1.

Table 1 AASHTO Maximum Vibration Levels for Preventing Damage

Type of Situation	Limiting Velocity (in/sec)
Historic sites or other critical locations	0.1
Residential buildings, plastered walls	0.2–0.3
Residential buildings in good repair with gypsum board walls	0.4–0.5
Engineered structures, without plaster	1.0–1.5

Source: Caltrans 2020

[1] Because DNL and CNEL are typically used to assess human exposure to noise, the use of A-weighted sound pressure level (dBA) is implicit. Therefore, when expressing noise levels in terms of DNL or CNEL, the dBA unit is not included.

Numerous studies have been conducted to characterize the human response to vibration. The vibration annoyance potential criteria recommended for use by Caltrans, which are based on the general human response to different levels of groundborne vibration velocity levels, are described in Table 2.

Table 2 Vibration Annoyance Potential Criteria

	Vibration Level (in/sec PPV)	
Human Response	Transient Sources	Continuous/ Frequent Intermittent Sources[1]
Severe	2.0	0.4
Strongly perceptible	0.9	0.10
Distinctly perceptible	0.25	0.04
Barely perceptible	0.04	0.01

in/sec = inches per second; PPV = peak particle velocity

Source: Caltrans 2020

[1] Continuous/frequent intermittent sources include impact pile drivers, pogo-stick compactors, crack-and-seat equipment, vibratory pile drivers, and vibratory compaction equipment.

Ambient Noise Levels

According to the Citywide existing noise contour map, the project site is within the 65 dBA L_{dn} noise contour (City of Novato 2020a). The primary off-site noise sources in the vicinity of the project site are motor vehicles (e.g., automobiles, buses, and trucks) along Rowland Boulevard, Vintage Way, and US 101 and the Sonoma Marin Area Rail Transit (SMART) commuter train and Northwestern Pacific Railroad Company freight train. Motor vehicle noise is of concern because it is characterized by a high number of individual events, which often create sustained noise levels. Ambient noise levels are generally highest during the daytime and rush hour unless congestion slows traffic speeds substantially. Other sources of noise in the project vicinity include general conversations from passersby activities associated with the Vintage Oaks Shopping Center.

Sensitive Receivers

Noise exposure goals for various types of land uses reflect the varying noise sensitivities associated with those uses. Noise-sensitive receivers generally include schools, hospitals, libraries, group care facilities, and convalescent homes (City of Novato 2020a). For the purposes of this analysis, single- and multi-family residences are also considered to be noise sensitive. The predominant noise-sensitive land use in the area of the project site is residences. The nearest residences are approximately 450 feet[2] southwest of the project site.

Regulatory Setting

Chapter 4, *Living Well*, of the Novato General Plan addresses noise. The General Plan permits a maximum normally acceptable exterior sound level of 60 dBA CNEL for residential areas. The maximum allowable interior noise level is 45 dBA CNEL.

NMC Section 19.22.070 prohibits exterior noise that exceeds 45 dBA between 10:00 p.m. and 6:00 a.m. and exterior noise that exceeds 60 dBA between 6:00 a.m. and 10:00 p.m. at residential land

[2] Measured from the project site boundary to the nearest residential building.

uses and interior noise that exceeds 60 dBA between 10:00 p.m. and 6:00 a.m. and exterior noise that exceeds 70 dBA between 6:00 a.m. and 10:00 p.m. at commercial land uses, as shown in Table 3. These maximum noise levels shall not be exceeded for an aggregate period of more than three minutes within a one-hour time period or by more than 20 dBA at any time. Section 19.22.070(B) exempts authorized construction activities from these noise level requirements between 7:00 a.m. and 6:00 p.m. on weekdays and between 10:00 a.m. and 5:00 p.m. on Saturdays. Construction is not permitted on Sundays or federal national holidays, unless authorized by the City.

Table 3 City of Novato Allowable Exterior Noise Levels[1]

Type of Land Use	Time Interval	Maximum Noise Level (dBA)[2]
Residential	10:00 p.m. to 6:00 a.m.	45
	6:00 a.m. to 10:00 p.m.	60
Commercial	10:00 p.m. to 6:00 a.m.	60
	6:00 a.m. to 10:00 p.m.	70
Industrial or Manufacturing	Any time	70

[1] Each of the noise limits specified shall be reduced by 5 dBA for impulse or simple tone noises. If the ambient noise exceeds the resulting standard, the ambient shall be thestandard.

[2] Maximum noise levels shall not be exceeded for an aggregate period of more than three minutes within a one-hour time period or by more than 20 dBA at anytime.

Source: NMC Section 19.22.070, Table 3-5

NMC Section 19.22.090 prohibits groundborne vibration that is perceptible without instruments to the average person along or beyond the property line of a subject parcel, and exempts vibrations from temporary construction, demolition, and vehicles that enter or leave the parcel.

a. Would the project result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Construction

Methodology

Construction noise was estimated using the Federal Highway Transit Administration Roadway Construction Noise Model (RCNM) (2006). RCNM predicts construction noise levels for a variety of construction operations based on empirical data and the application of acoustical propagation formulas. Using RCNM, construction noise levels were estimated at noise-sensitive receivers near the project site. RCNM provides reference noise levels for standard construction equipment, with an attenuation of 6 dBA per doubling of distance for stationary equipment.

For construction noise assessment, construction equipment can be considered to operate in two modes: stationary and mobile. As a rule, stationary equipment operates in a single location for one or more days at a time, with either fixed-power operation (e.g., pumps, generators, and compressors) or variable-power operation (e.g., pile drivers, rock drills, and pavement breakers). Mobile equipment moves around the construction site with power applied in cyclic fashion, such as bulldozers, graders, and loaders (FTA 2018). Noise impacts from stationary equipment are assessed from the center of the equipment, while noise impacts from mobile construction equipment are assessed from the center of the equipment activity area (e.g., construction site).

Variation in power imposes additional complexity in characterizing the noise source level from construction equipment. Power variation is accounted for by describing the noise at a reference distance from the equipment operating at full power and adjusting it based on the duty cycle, or percent of operational time, of the activity to determine the L_{eq} of the operation (FTA 2018).

Each phase of construction has a specific equipment mix, depending on the work to be accomplished during that phase. Each phase also has its own noise characteristics; some will have higher continuous noise levels than others, and some may have high-impact noise levels. The maximum hourly L_{eq} of each phase is determined by combining the L_{eq} contributions from each piece of equipment used in that phase (FTA 2018). In typical construction projects, grading activities generate the highest noise levels because grading involves the largest equipment and covers the greatest area.

Project construction is estimated to occur over approximately three months. Construction phases would include site preparation and grading, trenching and utilities, building construction, architectural coating, and paving. Construction would not require any blasting or pile driving. It is assumed that diesel engines would power all construction equipment. For assessment purposes, and to be conservative, the loudest hour has been used for assessment. Noise levels are based on a potential construction scenario of one backhoe, one excavator, and one bulldozer operating simultaneously during the fuel facility grading phase. At a distance of 580 feet (distance from the center of the project site construction area to the nearest residential receiver), one backhoe, one generator, and one crane would generate a noise level of approximately 60 dBA L_{max} (RCNM Calculations are included in Appendix D). At a distance of 160 feet (distance from the center of the construction area to the nearest commercial receiver), one backhoe, one excavator, and one bulldozer would generate a noise level of approximately 72 dBA L_{max} (RCNM Calculations are included in Appendix D).

Analysis

Construction activity would result in temporary increases in ambient noise levels in the project area on an intermittent basis and, as such, would expose surrounding sensitive receivers to increased noise levels. Increases in noise levels at off-site receivers during construction of the proposed project would be temporary in nature and would not generate continuously high noise levels, although occasional single-event disturbances from construction would be possible. Noise levels would fluctuate depending on the construction phase, equipment type and duration of use, distance between the noise source and receptor, and presence or absence of noise attenuation barriers.

As described above, at a distance of 580 feet, one backhoe, one generator, and one crane would generate a noise level of approximately 60 dBA L_{max} and a noise level of approximately 72 dBA L_{max} at a distance of 160 feet. Additional factors to consider are that the estimated construction noise level does not take into account that equipment would be dispersed in various areas of the site in both time and space and other barriers such as vegetation and walls may lower noise levels. Therefore, the calculated noise levels represent a conservative estimate of construction noise.

The estimated construction noise of approximately 60 dBA L_{max} at the nearest residential receivers would not exceed the daytime exterior noise level thresholds for residential land uses provided in the NMC. The estimated construction noise of approximately 72 dBA L_{max} at the nearest commercial receivers would exceed the daytime exterior noise level thresholds for commercial land uses (refer to Table 3). However, as stated in Section 19.22.070(B) of the NMC, authorized construction activities are exempt when construction occurs between 7:00 a.m. and 6:00 p.m. on weekdays, 10:00 a.m. and 5:00 p.m. on Saturdays. Construction is not permitted anytime on Sundays or federal

holidays. As a standard condition of approval, project construction would occur within construction hours specified in the NMC Section 19.22.070. Therefore, construction noise would be compliant with the regulations in the NMC and impacts would be less than significant.

Operation

The project would generate operational noise that would be typical of fuel facilities, including vehicle and parking lot noise. Noise produced by the project would be similar in character to the existing noise environment associated with surrounding commercial uses.

Off-site Traffic Noise

The proposed project would generate new vehicle trips and increase traffic on area roadways. As noted in the Traffic Impact Study by Kittelson & Associates, Inc. in Appendix E, the project would add approximately 172 Saturday peak hour trips to nearby roadways (the project would result in 117 new weekday peak hour trips; therefore, the Saturday peak hour trips are considered here to provide a conservative noise analysis). Entrances to the fuel facility are provided along Vintage Way; therefore, all new trips were added to Vintage Way. The Saturday peak hour traffic volume along Vintage Way is estimated at approximately 2,726 trips.

The project's contribution to roadway noise was evaluated by comparing existing traffic noise levels to traffic noise levels with operation of the project. Generally, a doubling of traffic (i.e., 100 percent traffic increase) would increase noise levels by approximately 3 dBA, which is the human level of perception for an increase in noise (FTA 2018). Therefore, a 10 percent increase in the number of vehicles on a roadway would result in a noise increase of approximately 0.4 dBA. The 172 Saturday peak hour trips added by the project would constitute an approximately 6 percent increase in traffic volume along Vintage Way, resulting in a traffic noise increase of less than 0.4 dBA along Vintage Way. Such an increase would be imperceptible to sensitive receivers located more than 350 feet from Vintage Way due to the distance and the noise attenuation rate, and would not result in a substantial permanent increase in ambient noise levels, and thus would meet city standards and have a less than significant impact.

On-site Parking Lot and Conversational Noise

The project site would replace existing parking spaces with the fueling facility and associated dispenser queuing area. Parking lot and conversational noise at the project site is not anticipated to substantially change. Parking area noise would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project result in generation of excessive groundborne vibration or groundborne noise levels?

The project does not include substantial vibration sources associated with its operation, the most notable including fueling truck movements at the site. Thus, construction activities have the greatest potential to generate ground-borne vibration affecting nearby sensitive receivers, especially during grading of the project site.

Certain types of construction equipment can generate high levels of groundborne vibration.

Construction of the proposed project would potentially utilize vibratory equipment including loaded trucks, bulldozers, and rollers throughout the duration of project construction. The closest building to the project site is the existing Costco Warehouse at approximately 37 feet from the facility.

Groundborne vibration from construction equipment at a reference distance of 25 feet is shown in Table 4. While the commercial buildings in the Vintage Oaks Shopping Center would not be considered fragile, the threshold for fragile buildings (1 in/sec PPV) was used for structural damage to provide a conservative analysis.

Table 4 Vibration Levels at Sensitive Receptors

Equipment	VdB at 25 feet	PPV (in/sec) at 25 feet
Large bulldozer	87	0.089
Loaded trucks	86	0.076
Jackhammer	79	0.035
Vibratory Roller	94	0.210
Small bulldozer	58	0.003

Source: FTA 2018

As shown above, vibration levels would not exceed 1 in/sec PPV at a reference distance of 25 feet. Therefore, project construction would not exceed 1 in/sec PPV at the nearest commercial building 37 feet from the fuel facility. Additionally, the NMC Section 19.22.090 states that vibration from temporary construction, demolition, and vehicles that enter and leave the subject parcel for construction are exempt from NMC requirements regarding perceptible groundborne vibration, thus vibration from the project construction would not be considered excessive. The nearest sensitive receivers (existing homes west of the project site across US 101) would be approximately 450 feet at the nearest property line to the center of the project site. A vibratory roller would create approximately 0.210 in/sec PPV at 25 feet, as shown in Table 4 (FTA 2018). This would equal a vibration level of less than 0.009 in/sec PPV at 450 feet,[3] which is less than the lowest vibration perceptibility level of 0.01 for continuous or frequent intermittent sources (refer to Table 2). Therefore, there would be no perceptible groundborne vibration or noise at the closest sensitive receptors, and no nearby buildings would be damaged from construction equipment vibration. Therefore, vibration impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

c. For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

Gnoss Field, the nearest airport, is located approximately 3.2 miles north of the project site. The project site is not within the Gnoss Field area of influence identified in the airport land use plan (County of Marin 1991). Therefore, the project site is not located within two miles of a public airport, public use airport, or private airstrip. The project would not expose people residing or working in the project area to excessive noise levels generated by aircraft activities. There would be no impact.

NO IMPACT

[3] PPVEquipment = PPVRef (25/D)^n (in/sec), PPVRef = reference PPV at 25 feet, D = distance, and n = 1.1

14 Population and Housing

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Induce substantial unplanned population growth in an area, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure)?	☐	☐	■	☐
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	☐	☐	☐	■

a. Would the project induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

The proposed project would not directly induce population growth in the area as no housing units are proposed. The project would be typically staffed by at least one Costco employee. This level of employment generation would not lead to substantial population growth. The project would not indirectly induce population growth through the extension of roads or infrastructure, as infrastructure connections are already readily available in the vicinity of the project site. Therefore, the proposed project would not induce directly nor indirectly substantial, unplanned population growth.

LESS THAN SIGNIFICANT IMPACT

b. Would the project displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

The project site does not contain housing or habitable structures, and the project would not result in the removal of housing from the City. Therefore, the project would not displace existing people or housing and there would be no impact.

NO IMPACT

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15 Public Services

		Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a.	Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or the need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
	1 Fire protection?	☐	☐	■	☐
	2 Police protection?	☐	☐	■	☐
	3 Schools?	☐	☐	☐	■
	4 Parks?	☐	☐	☐	■
	5 Other public facilities?	☐	☐	☐	■

a.1. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered fire protection facilities, or the need for new or physically altered fire protection facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives?

The City of Novato is served by the Novato Fire Protection District (NFPD). The NFPD provides fire protection services, emergency medical services, and fire and rescue response for vehicle and hazardous materials incidents. The nearest fire station to the project sites is located approximately 1.8 driving-miles to the northwest, at Station 61 located at 7025 Redwood Boulevard. Based on the 2009/2013 NFPD Strategic Plan, the district provides emergency services to the district from five stations, comprising 88 personnel (66 firefighters, 9 command staff and 13 administrative staff) (NFPD 2009). Station 61 accommodates 6 firefighting personnel, including two paramedics, one captain, one engineer, one firefighter/paramedic from the Paramedic Engine Company, and one battalion chief. Station 61 is the largest station in the district. Per the Novato Fire District Comprehensive Annual Financial Report, the NFPD's goal is to maintain overall total response time of 8 minutes or less 90 percent of the time for all dispatch emergencies and have five fire stations with adequate equipment to meet local needs (NFPD 2019). No future plans for expansion or renovation of NFPD facilities exist.

As discussed in Environmental Checklist Section 14, *Population and Housing*, the proposed project would not directly or indirectly induce population growth. Service demands associated with the project would be within the current service area and would be adequately served by NFPD. It is not anticipated that the project would increase response times for the NFPD and would meet NFPD standards. The project would not require the construction of additional fire protection facilities, and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

a.2. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered police protection facilities, or the need for new or physically altered police protection facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives?

The City of Novato is served by the Novato Police Department (NPD), which provides professional and proactive street patrol, investigative services, traffic enforcement, narcotics enforcement, a 911 dispatch center, and emergency and preparedness services. The police department is staffed by approximately 80 staff, including 60 sworn personnel and a volunteer program (City of Novato 2020b). The project site would be served by the NPD and receive auxiliary services from the Marin County Sheriff's Office and California Highway Patrol (City of Novato 2020c). The nearest police station is located approximately 2.5 driving-miles northwest of the project site at 909 Machin Avenue.

As discussed in Environmental Checklist Section 14, *Population and Housing*, the proposed project would not directly or indirectly induce population growth. Service demands associated with the project would be within the current service area and would be adequately served by NPD. It is not anticipated that the project would increase response times for the NPD and would not increase the demand for services from NPD. The project would not require the construction of additional police protection facilities, and impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

a.3. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered schools, or the need for new or physically altered schools, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios or other performance objectives?

The nearest public school is Lynnwood Elementary School, which is approximately 2,800 feet west of the project site. Private schools near the project site include Good Shepherd Lutheran School located 2,400 feet southwest of the site, and North Bay Christian Academy located 4,500 feet northwest of the project site. As discussed in Environmental Checklist Section 14, *Population and Housing*, the proposed project would not directly or indirectly induce population growth, and thus would not increase the student population in the city. Because the project would not increase the number of students in Novato schools, no alterations or expansions of schools would be required. The project would have no impact.

NO IMPACT

a.4. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered parks, or the need for new or physically altered parks, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios or other performance objectives?

Project-related impacts to parks are discussed in Environmental Checklist Section 16, *Recreation.* As discussed in Environmental Checklist Section 14, *Population and Housing*, the proposed project would not directly or indirectly induce population growth, and thus would not increase the demand for park facilities in the city. The project would not require the construction of a new park or require the physical alteration of an existing park or public facility. The project would have no impact.

NO IMPACT

a.5. Would the project result in substantial adverse physical impacts associated with the provision of other new or physically altered public facilities, or the need for other new or physically altered public facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives?

Libraries for the City of Novato are provided by the Marin County Free Library District. The Marin County Free Library (MCFL) District also services unincorporated areas of Marin County as well as the cities of Corte Madera, Ross, and Fairfax. There are a total of 11 facilities and one bookmobile in the District. As discussed in Environmental Checklist Section 14, *Population and Housing*, the proposed project would not directly or indirectly induce population growth, and thus would not increase the demand for library facilities in the city. The project would not require the construction of a new library or other public facility. The project would have no impact.

NO IMPACT

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16 Recreation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	☐	☐	☐	■
a. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	☐	☐	☐	■

a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?

The City of Novato manages and operates 28 parks totaling approximately 317 acres, or approximately 5.8 acres per one thousand residents (City of Novato 2020a). Parks in Novato feature hiking trails, playground, playing fields, outdoor courts, an amphitheater, a skate park, a dog park, a community swimming pool, and picnic areas. The City also operates recreational and cultural facilities such as history museums, child and senior centers, and a gymnastic center.

The proposed project would not include any residential or other land uses typically associated with an increased usage of existing park and recreational facilities. As discussed in Environmental Checklist Section 14, *Population and Housing*, the project would not increase the City's population; therefore, the project would not generate new demand for existing or planned parks. The project would not substantially alter citywide demand for parks, nor would it result in a substantial physical deterioration of existing recreational facilities. No impact would occur.

NO IMPACT

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17 Transportation

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	■	☐	☐	☐
b. Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	■	☐	☐	☐
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible use (e.g., farm equipment)?	■	☐	☐	☐
d. Result in inadequate emergency access?	■	☐	☐	☐

The environmental topics associated with Transportation, as outlined above, will be addressed in the EIR.

18 Tribal Cultural Resources

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in a Public Resources Code Section 21074 as either a site, feature, place, or cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?	■	□	□	□
b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	■	□	□	□

All of the environmental topic areas within Tribal Cultural Resources, as outlined above, will be addressed in the EIR.

Utilities and Service Systems

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Would the project:				
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	☐	☐	■	☐
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	☐	☐	■	☐
c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	☐	☐	■	☐
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	☐	☐	■	☐
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	☐	☐	■	☐

a. Would the project require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Water

Water for the project would be provided by the North Marin Water District (NMWD) via existing utilities and new connections on and adjacent to the project sites. Approximately 67 percent of the Novato water supply is sourced from the Russian River, and the remainder comes from local runoff

into Stafford Lake that is treated at the NMWD Stafford Water Treatment Plant (NMWD 2021). Water supply is discussed further under criterion (b) below.

Novato's water supply system includes roughly 5,887 acre-feet (AF) of imported water, a storage capacity of 37 million gallons, and two water rights permits for diversion of surface water from Novato Creek for the annual diversion of 8,454 AF. Novato's total water supply contracted volume is 14,100 AF per year. NMWD projects that future supplies would be sufficient to meet forecasted demand under normal year and multiple-dry year scenarios.

The proposed project would involve the addition of new water facilities, and the project applicant would enter into an agreement with NMWD and complete financial arrangements for new water facilities as a condition of permit approval. The project would incrementally increase demand for water above existing conditions on the project site as a result of new landscaping. The project's estimated water demand would be approximately 0.42 million gallons per year for fuel facility site use, including landscaping water use (CalEEMod 2023), or approximately 1,156 gallons per day, which is approximately 0.009 percent of Novato's water supply during a normal year and approximately 1.0 percent of Novato's water supply system surplus capacity by 2040. Existing supplies may be insufficient to meet forecasted demand for a single dry year scenario; however, the NMWD contingency plan would allow for the reduction of water supplied by up to 50 percent if needed (NMWD 2021). Additionally, project landscaping would be designed to receive recycled water pursuant to NMWD standards. New development would offset new water demand through NMWD's water connection rate structure, which funds water infrastructure maintenance. The project would be required to conform with NMWD Regulation 15, Mandatory Water Conservation Measures, which prohibits activities including but not limited to using potable water for landscaping, and the unnecessary washing of driveways and parking lots. Therefore, impacts would be less than significant.

Wastewater

The Novato Sanitary District (NSD) provides wastewater collection, treatment, and disposal services for the Novato Community. Wastewater is transported to the Novato Treatment Plant (NTP) where most of the water undergoes primary and secondary treatment and is either discharged to San Pablo Bay or used for pasture irrigation. The NTP is designed for an average dry weather flow of 7.0 million gallons per day (MGD) and peak wet weather flow of 30.7 MGD. The NTP has remaining processing capacity of approximately 3.2 MGD for dry weather flow and 12.6 MGD for peak wet weather flow (NSD 2022).

The project's estimated wastewater generation would be approximately 0.35 million gallons per year (assuming water use is approximately 120 percent of wastewater generation), or approximately 959 gallons per day. This estimate is considered to be conservative because the majority of water used on site would be for landscape irrigation, which would percolate through the site soils or overflow into the bioretention basins or stormwater drainage system. This would represent approximately 0.03 percent of the NTP remaining capacity for average dry weather flow and 0.008 percent remaining capacity for peak wet weather flow. Therefore, the NTP has capacity to meet the wastewater treatment demands that would be generated from the proposed project. Additionally, NSD has indicated that the existing sewer force main in Rowland Boulevard is not anticipated to have capacity deficiency issues and none of the sewer gravity pipelines in the area have a risk priority above "very low" (NSD 2019). Therefore, impacts associated with project's incremental wastewater generation would be less than significant.

Stormwater

The project would be designed and engineered with drainage features appropriate to accommodate the needs of the proposed project. On-site stormwater generated by the fuel facility impervious surfaces will drain to two bioretention areas and undergo treatment from an oil/water separator prior to discharge into the existing sanitary sewer. Additionally, the project would not require an expansion of existing or new stormwater infrastructure aside from those features proposed within the fuel center. Pursuant to NMC Section 7-5, owners of real property in the City are required to pay an annual parcel tax to the City for clean stormwater activities, which include capital improvements to the City's storm drainage system. The proposed project would not require the construction of new off-site stormwater drainage facilities or expansion of existing facilities. Impacts would be less than significant.

Electricity, Natural Gas, and Telecommunications

The project would not connect to or utilize natural gas as a source of energy and would use electricity provided by PG&E. A significant impact to electricity and telecommunications facilities may occur if a project's demand for these services exceeds the capacity of local providers. PG&E maintains the electricity distribution lines and substations that serve the project area. Telecommunications are generally available in the project area, and facility upgrades would not likely be necessary.

The project is expected to require approximately 45,178 kilowatt-hours of electricity per year. PG&E maintains power lines along eastern Rowland Boulevard and Vintage Way, which serve the project site. The substation and power lines that serve the project site have a capacity of 15.84 megawatts (MW) and a peak load of 10.8 MW, with a remaining capacity of 5.0 MW (PG&E 2023). The project would require approximately 0.045 MW, approximately 0.9 percent of the remaining capacity of the PG&E substation that serves the project site. Accordingly, the project would be accommodated adequately by existing electricity and telecommunication facilities and would not require improvements to existing facilities, or the provision of new facilities, that would cause significant environmental effects. This impact would be less than significant.

LESS THAN SIGNIFICANT IMPACT

b. Would the project have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?

As described above under criterion (a), the City of Novato is serviced by the NMWD, which provides potable and recycled water service to the City, the surrounding unincorporated areas. Approximately 67 percent of the Novato water supply comes from the Russian River through the NMWD wholesale water supplier, the Sonoma County Water Agency. The remainder comes from local runoff into Stafford Lake. NMWD has no local, developed groundwater sources (NMWD 2021).

The NMWD's 2020 Urban Water Management Plan (UWMP) addresses NMWD's water system and includes descriptions of water supply sources, water use, comparisons of supply and demand during dry years, etc. Per the UWMP, normal year, single dry year, and multiple dry year supply and demand comparisons are shown below in Table 5.

Table 5 NMWD Water Supply and Demand in Acre-Feet for Normal, Single Dry, and Multiple Dry Year

	Year				
	2025	2030	2035	2040	2045
Normal Year					
Supply Totals	15,913	15,926	15,940	15,954	15,968
Demand Totals	10,679	10,857	11,085	11,108	11,152
Difference	5,234	5,069	4,855	4,846	4,816
Single Dry Year					
Supply Totals	15,913	13,684	13,585	13,472	13,345
Demand Totals	10,679	10,857	11,085	11,108	11,152
Difference	5,234	2,827	2,500	2,364	2,194
Multiple Dry Years	**Year**				
	2025	**2030**	**2035**	**2040**	**2045**
First Year					
Supply Totals	15,913	15,926	15,940	15,954	15,968
Demand Totals	10,679	10,857	11,085	11,108	11,152
Difference	5,234	5,069	4,855	4,846	4,816
Second Year					
Supply Totals	15,913	15,926	15,940	15,954	15,968
Demand Totals	10,679	10,857	11,085	11,108	11,152
Difference	5,234	5,069	4,855	4,846	4,816
Third Year					
Supply Totals	15,913	15,926	15,940	15,954	15,968
Demand Totals	10,679	10,857	11,085	11,108	11,152
Difference	5,234	5,069	4,855	4,846	4,816

Notes: Parentheses denote a negative number

Source: NMWD 2021

Table 5 shows that NMWD's projected water supplies are sufficient to meet projected demands during normal, single, and multiple dry year conditions (NMWD 2021).

NMWD currently serves the project site through existing utilities and services would continue to do so during project operation. The project would include a fuel station and new landscaping on the project site. The project's estimated water demand would be approximately 1,156 gallons per day, or 0.42 million gallons per year (CalEEMod 2023).

The project's water demand would represent less than 0.009 percent of projected available NMWD supply. Based on the project's incremental contribution to future demand, new sources of water supply would not be required to meet project water needs. This impact would be less than significant.

LESS THAN SIGNIFICANT IMPACT

c. Would the project result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

As described in response to criterion (a), above, the project's estimated wastewater generation would be approximately 0.35 million gallons per year (assuming water use is approximately 120 percent of wastewater generation), or approximately 959 gallons per day. This would represent approximately 0.03 percent of the NTP remaining capacity for average dry weather flow and 0.008 percent remaining capacity for peak wet weather flow. Therefore, the NTP has capacity to meet the wastewater treatment demands that would be generated from the proposed project. As discussed under criterion (a), NSD has indicated that the existing sewer force main in Rowland Boulevard is not anticipated to have capacity deficiency issues and none of the sewer gravity pipelines in the area have a risk priority above "very low" (NSD 2019). Therefore, impacts associated with project's incremental wastewater generation would be less than significant.

LESS THAN SIGNIFICANT IMPACT

d. Would the project generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?

e. Would the project comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Solid waste from the City of Novato is taken to the Redwood Landfill and Recycling Center located north of the Novato city limit. The landfill is permitted to accept 2,300 tons of material per day and has a design capacity of about 26 million cubic yards. The estimated closure date of the landfill is 2036 (CalRecycle 2020a).

The Novato Sanitary District and its franchise service provider Recology provide solid waste and recycling disposal services in the project vicinity for the provision of trash, recycling and organics services to the proposed project. In 2011, NSD amended its franchise agreement to make major progress toward achieving zero waste goals. The contract requires Recology (the recycling, composting, and garbage collection provider) to achieve an 80 percent diversion of waste to recycling by 2025 (NSD 2011).

Using an estimated solid waste generation rate provided by CalRecycle for general commercial land uses, the project would result in an increase of approximately 11 pounds of solid waste per day, or 1.9 tons per year (using a rate of 10.53 pounds per employee per day) (CalRecycle 2020b). This represents approximately 0.0002 percent of the permitted daily throughput of the Redwood Landfill and Recycling Center. This does not represent a substantial increase in the waste stream, and the project would be served by a landfill with sufficient capacity. The project would comply with state and local statues and regulations related to solid waste regarding increased recycling efforts per Assembly Bill 341 and the City's General Plan policy ES-27f by providing recycling services. While the proposed project would not include recycling bins, the associated Costco Wholesale does provide recycling facilities that would be available to customers. Therefore, impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

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19 Wildfire

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	☐	☐	■	☐
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	☐	☐	■	☐
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	☐	☐	■	☐
d. Expose people or structures to significant risks, including downslopes or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	☐	☐	■	☐

a. *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project substantially impair an adopted emergency response plan or emergency evacuation plan?*

b. *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project, due to slope, prevailing winds, and other factors, exacerbate wildfire risks and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?*

c. *If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?*

d. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project expose people or structures to significant risks, including downslopes or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

The project site is adjacent to existing urban development in Novato and is classified as a Local Responsibility Area, where responsibility for fire protection falls on the NFPD, rather than the state or federal government. The project site does not fall within a very high fire hazard severity zone (VHFHSZ). The nearest VHFHSZ is located approximately 1.4 miles southwest of the site (CAL FIRE 2008). The project site is not located in the wildland-urban interface (WUI), an area subject to high fire hazard, as mapped by the NFPD (NFPD 2020). Furthermore, the proposed construction areas are generally flat and this topography would not enhance the spread of wildfire. The project would not involve the construction of new utility infrastructure that could exacerbate fire risk, such as overhead power lines. Emergency vehicle access would remain available to the project area via Rowland Boulevard and Vintage Way, and direct access to the fuel center would be provided through existing driveways and the relocated driveway along Vintage Way. Therefore, the project would not expose people or structures to a significant risk involving wildfire, nor would it exacerbate the risk of wildfire. Impacts would be less than significant.

LESS THAN SIGNIFICANT IMPACT

20 Mandatory Findings of Significance

	Potentially Significant Impact	Less than Significant with Mitigation Incorporated	Less than Significant Impact	No Impact
Does the project:				
a. Have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	■	□	□	□
b. Have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	■	□	□	□
c. Have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	■	□	□	□

a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

The project would involve construction and operation of a new fuel facility within a developed area of Novato. The project would be constructed within an existing paved parking lot that does not contain suitable habitat for fish and wildlife species. The project would not substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, or substantially reduce the number or restrict the range of a rare or endangered plant or animal.

The project site is known to contain an archaeological resource, and potential impacts to archaeological resources will be discussed further in the EIR.

POTENTIALLY SIGNIFICANT IMPACT

b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

Cumulative impacts could occur if the construction of other projects occurs at the same time as the proposed project and in the same geographic scope, such that the effects of similar impacts of multiple projects combine to create greater levels of impact than would occur at the project level. Environmental issue areas where cumulative impacts may occur in relation to construction include air quality, biological resources, cultural and tribal cultural resources, greenhouse gas emissions, hazards and hazardous materials, noise, and transportation. These environmental topics, except noise, and their potential cumulative impacts will be discussed in the EIR. Additionally, cumulative impacts related to greenhouse gas emissions, hazards and hazardous materials, and transportation as the project would generate greenhouse gas emissions, involve the routine transport of hazardous materials, and increase trips in the project vicinity. Impacts could be cumulatively considerable, and potential cumulative impacts will be discussed under each environmental issue area in the EIR.

Overlapping construction activities associated with cumulative development projects in conjunction with proposed project activities could result in cumulative noise impacts related to a temporary increase in ambient noise levels at the same noise-sensitive receivers located throughout the area, especially during construction activities. However, similar to the proposed project, cumulative development projects would be subject to compliance with the noise level limits established in Novato Municipal Code Section 19.22.070. Additionally, as discussed above in Environmental Checklist Section 13, *Noise,* the project would not generate a substantial amount of noise and would not result in significant noise impacts to nearby sensitive receivers. Therefore, the project would not contribute to a cumulatively considerable noise impact. Cumulative construction noise impacts would be less than significant.

Other cumulative impacts will be addressed in the EIR.

POTENTIALLY SIGNIFICANT IMPACT

c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?

Effects on human beings are generally associated with impacts related to issue areas such as air quality, geology and soils, hazards and hazardous materials, hydrology and water quality, and noise. As discussed in the Environmental Checklist section of this Initial Study, the project would not result in substantial adverse effects related to geology and soils and noise, and the analyses and conclusions herein support a determination that there would be no adverse effects on human beings in those topic areas. Environmental topic areas for which the project could result in a a substantial adverse effect on human beings (air quality, hazards and hazardous materials, and hydrology and water quality) will be discussed further in the EIR.

POTENTIALLY SIGNIFICANT IMPACT

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Rincon Consultants, Inc. prepared this IS-MND under contract to the City of Novato. Persons involved in data gathering analysis, project management, and quality control are listed below.

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Appendix A

Costco Wholesale Fueling Facility Program

The **Fuel Facility Program** is included as Appendix B of the EIR

Appendix B

Site Plan Package

The Site Plan Package is included as Appendix C of the EIR

Appendix C

Geotechnical Study

The Geotechnical Study is included as Appendix I of the EIR

Appendix D

RCNM Calculations

Roadway Construction Noise Model (RCNM),Version 1.1

Report date: 9/21/2020
Case Descriptio Novato Costco - Grading

---- Receptor #1 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Residences acr	Residential	65	65	65

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	580	0
Excavator	No	40		80.7	580	0
Dozer	No	40		81.7	580	0

		Results Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe		56.3	52.3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator		59.4	55.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer		60.4	56.4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	60.4	59.8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

---- Receptor #2 ----

Description	Land Use	Baselines (dBA) Daytime	Evening	Night
Vintage Oaks Sh	Commercial	65	65	65

Description	Impact Device	Usage(%)	Equipment Spec Lmax (dBA)	Actual Lmax (dBA)	Receptor Distance (feet)	Estimated Shielding (dBA)
Backhoe	No	40		77.6	160	0
Excavator	No	40		80.7	160	0
Dozer	No	40		81.7	160	0

		Results Calculated (dBA)		Noise Limits (dBA) Day		Evening		Night		Noise Limit Exceedance (dBA) Day		Evening		Night	
Equipment		*Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq	Lmax	Leq
Backhoe		67.5	63.5	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Excavator		70.6	66.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Dozer		71.6	67.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Total	71.6	71	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*Calculated Lmax is the Loudest value.

Appendix E

Transportation Impact Study

The Transportation Impact Analysis is included as Appendix D of the EIR

Public Scoping Comments

Brett Walker

From: Silke Valentine <silke.350marin@gmail.com>
Sent: Monday, August 28, 2023 12:48 PM
To: Planning
Cc: Brett Walker
Subject: [External] Public comment Costco Fuel Facility CEQA Scoping Meeting
Attachments: Letter to the Novato Planning Commissioners on August 28th, 2023.pdf

Please see the attached letter to the Planning Commissioners.

Thank you
Silke Valentine
Steering Committee

350Marin.org

August 28, 2023

Public Comment to:

COSTCO FUEL FACILITY CEQA SCOPING MEETING PROJECT NO. P2020-025 STATE CLEARINGHOUSE NUMBER 2021010190 APN 153-340-36; 300 VINTAGE WAY

To: The Novato Planning Commissioners

Cc: City Planner

Dear Planning Commissioners,

350Marin group urges Novato to strongly consider in the Environmental Impact Report of the Costco proposed 28-pump gas station in the Vintage Oaks Shopping Center, addressing the gas station's negative impacts on:

- Energy and Greenhouse Gas Emission and
- Novato's Transportation Sector.

350Marin.org is made up of grassroots activists who are deeply concerned about climate breakdown. We are committed to holding our leaders and communities accountable to the realities of science and principles of environmental justice. Two of our Steering Committee Members are residents of Novato.

Concerning the Environmental and Greenhouse Gas Emission impact of the project, Novato should take into consideration the following:

The U.N. climate change report found the Earth could pass a dangerous temperature threshold in the next decade that could make climate disasters so extreme that we will not be able to adapt unless urgent action is taken to reduce the heat-trapping carbon dioxide gas emissions in the atmosphere.

Novato's City Council Members declared a Climate Emergency in November 2020 and voted unanimously for a resolution that stated on page four:

"BE IT FURTHER RESOLVED, the City of Novato will elevate climate issues in its Goal-setting process; give precedence to climate mitigation and adaptation when evaluating policies and purchases, planning for projects, and allocating resources; and will seek financial resources to support these efforts."

Novato's Strategic Plan 2021-2023 calls for prioritization and implementation of sustainability actions that reduce GHG emissions from burning gasoline, diesel, and other fossil fuels and address the challenge of our changing climate.

The Costco Mega Gas Station is counterproductive to Novato's Strategic Plan and taking the Novato Climate Emergency Resolution seriously.

Concerning the Transportation Sector, it is crucial to consider the following:

The transportation sector accounts for nearly 40% of California's GHG emissions. Motor vehicle emissions account for approximately 55 percent of air pollution emissions statewide.

In Novato, transportation makes up 63% of GHG emissions (2021). Passenger Vehicle 74%, Commercial Vehicles 26%, Public Transportation 1%. Electrifying transportation is key to reducing GHG in our city and making the sector crucial to decarbonizing quickly.

In September 2020, California Governor Gavin Newsom announced an executive order ending sales of new gas-powered cars in the state by 2035 as a measure to combat global heating.

In January 2021, General Motors announced that it would stop making gas-powered cars, trucks, and SUVs by 2035.

In August 2022, President Biden signed Executive Order 14037 (Strengthening American Leadership in Clean Cars and Trucks, setting a goal that 50% of all new passenger cars and light trucks sold in the United States be ZEVs by 2030.

In August 2022, the Inflation Reduction Act of 2022 was signed into law and is expected to accelerate the pace of transportation electrification.

In March 2023, the Biden administration cleared the way for California's plan to phase out a wide range of diesel-powered trucks, part of the state's efforts to drastically cut planet-heating emissions and improve air quality in heavy-traffic areas.

Marin Climate Action aims to get nearly half of all Marin residents to drive an electric car or plug-in hybrid by 2030 to combat climate disasters.

The Trend is EVs. 25% of California passenger vehicle sales are now electrified. State incentives and metropolitan charging availability are driving strong EV adoption trends.

In November 2022, Novato passed Ordinance No.1693, which prohibits the construction of New Gas Stations but does not apply to pending complete applications. On page six, in the last section of the ordinance, the City stated:

"However, the amendments do not explicitly or implicitly guarantee approval of any pending application or otherwise limit the City's discretion in approving or denying such applications. Each pending application to develop a gas station will be considered on its own merits, including whether approving a given gas station will be detrimental to the public interest, health, safety, convenience, or welfare of the City."

Scientists urge people and governments of cities, counties, states, and countries to target net-zero emissions in five to eight years to combat Climate Chaos. The environmental impacts on keeping dirty Co2-emitting transportation alive and growing are dire.

In March 2023, Novato was hit by a 'bomb cyclone; a major mudslide destroyed a section of Highway 101 frontage road. It affected two major utility lines serving Marin. The estimated repair cost is $ 10 million.

In 2023 (as of August 8) alone, there have been 15 confirmed weather/climate disaster events with losses exceeding $1 billion each to affect the United States. These events included one

flooding event, 13 severe storm events, and one winter storm event. Overall, these events resulted in the deaths of people and had significant economic effects on the areas impacted.

What we all need is to build a livable future for us, our children, and our grandchildren by transitioning to 100% clean and vital renewable energy now and focusing on resilience and disaster preparations and restoring and protecting the environment.

Novato needs to keep its promise and decarbonize the economy by electrifying transportation and private and business infrastructures as quickly as possible instead of approving the largest gas station built in Marin in 2023/2024.

We can't go backward; our future depends on it! We have to end the area of fossil fuels.

Thank you for considering 350Marin's input to the Environmental Impact Report and our strong opposition to the Costco Mega Gas Station in Novato.

350Marin Steering Committee:

Julia Janeway (Novato); Silke Valentine (Novato); Jody Timms; Patrick Costello



350Marin.org

September 11th, 2023

MARIN CONSERVATION LEAGUE
Protecting Marin Since 1934

Brett Walker, AICP, Senior Planner
City of Novato: Community Development Department
922 Machin Avenue
Novato, CA 94945
Email: bwalker@novato.org

Re: Scoping comments on the Costco Fuel Facility

Dear Brett:

The Marin Conservation League (MCL) has reviewed the Initial Study for the Costco Fuel Facility at Novato's Vintage Oaks Shopping Center. The issues identified to be covered by the now pending Environmental Impact Report (EIR) should definitely include an analysis of Sea Level Rise (SLR) and how that could affect the geotechnical report that did not evaluate the latest predictions for SLR in the Novato area. The effectiveness of the proposed runoff diversion system which is supposed to keep spilled gasoline from the Bev Ehreth Ecological Pond across the street can be compromised by SLR. At what water level does the 'protective' facility not work?

Geotechnical issues are not on the schedule to be addressed in the EIR because a study was done for the Mitigated Negative Declaration. However, the above analysis may necessitate an amendment to the earlier study. Since the city requires a grading permit to provide additional detail for Public Works, the SLR information would not be available for public review or peer review, so deferring that information to the city required analysis is not acceptable.

Green House Gas (GHG) impacts need careful scrutiny since the world is suffering and the localized impact of encouraging continued use of internal combustion vehicles is damaging to our community. How much will this facility increase the local generation of GHG – from escaped fumes while dispensing the gas, local spills, and idling vehicles. How will these increased emissions added to the current levels impact the community?

In the analysis of Hydrology and Water please describe the relationship of the Bev Ehreth Pond, the Novato Baylands and Novato Creek. How are they connected? How will SLR impact these bodies of water and the groundwater level? How will rising groundwater levels impact the underground storage tanks?

MCL applauds the city's Resolution Declaring a Climate Emergency and the Ordinance to allow no more new gas stations after the Costco facility. This project is diametrically opposed to those documents that acknowledge the need to become less dependent on the use of gasoline.

Thank you for this opportunity to contribute issues for the EIR.

Sincerely,



Terri Thomas President	Robert Miller Chair Climate Action Working Group	Kate Powers Co-Chair Land Use, Transportation and Water Committee	Susan Stompe Chair North Marin Unit

NATIVE AMERICAN HERITAGE COMMISSION

RECEIVED
AUG 16, 2023
By Bwalker

August 11, 2023

Brett Walker
City of Novato
922 Machin Avenue
Novato, CA 94945

Re: 2021010190, Costco Fuel Facility Project, Marin County

Dear Mr. Walker:

The Native American Heritage Commission (NAHC) has received the Notice of Preparation (NOP), Draft Environmental Impact Report (DEIR) or Early Consultation for the project referenced above. The California Environmental Quality Act (CEQA) (Pub. Resources Code §21000 et seq.), specifically Public Resources Code §21084.1, states that a project that may cause a substantial adverse change in the significance of a historical resource, is a project that may have a significant effect on the environment. (Pub. Resources Code § 21084.1; Cal. Code Regs., tit.14, §15064.5 (b) (CEQA Guidelines §15064.5 (b)). If there is substantial evidence, in light of the whole record before a lead agency, that a project may have a significant effect on the environment, an Environmental Impact Report (EIR) shall be prepared. (Pub. Resources Code §21080 (d); Cal. Code Regs., tit. 14, § 5064 subd.(a)(1) (CEQA Guidelines §15064 (a)(1)). In order to determine whether a project will cause a substantial adverse change in the significance of a historical resource, a lead agency will need to determine whether there are historical resources within the area of potential effect (APE).

CEQA was amended significantly in 2014. Assembly Bill 52 (Gatto, Chapter 532, Statutes of 2014) (AB 52) amended CEQA to create a separate category of cultural resources, "tribal cultural resources" (Pub. Resources Code §21074) and provides that a project with an effect that may cause a substantial adverse change in the significance of a tribal cultural resource is a project that may have a significant effect on the environment. (Pub. Resources Code §21084.2). Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource. (Pub. Resources Code §21084.3 (a)). **AB 52 applies to any project for which a notice of preparation, a notice of negative declaration, or a mitigated negative declaration is filed on or after July 1, 2015.** If your project involves the adoption of or amendment to a general plan or a specific plan, or the designation or proposed designation of open space, on or after March 1, 2005, it may also be subject to Senate Bill 18 (Burton, Chapter 905, Statutes of 2004) (SB 18). **Both SB 18 and AB 52 have tribal consultation requirements.** If your project is also subject to the federal National Environmental Policy Act (42 U.S.C. § 4321 et seq.) (NEPA), the tribal consultation requirements of Section 106 of the National Historic Preservation Act of 1966 (154 U.S.C. 300101, 36 C.F.R. §800 et seq.) may also apply.

The NAHC recommends consultation with California Native American tribes that are traditionally and culturally affiliated with the geographic area of your proposed project as early as possible in order to avoid inadvertent discoveries of Native American human remains and best protect tribal cultural resources. Below is a brief summary of portions of AB 52 and SB 18 as well as the NAHC's recommendations for conducting cultural resources assessments.

Consult your legal counsel about compliance with AB 52 and SB 18 as well as compliance with any other applicable laws.

AB 52

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VICE-CHAIRPERSON
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NAHC.ca.gov

AB 52 has added to CEQA the additional requirements listed below, along with many other requirements:

1. Fourteen Day Period to Provide Notice of Completion of an Application/Decision to Undertake a Project: Within fourteen (14) days of determining that an application for a project is complete or of a decision by a public agency to undertake a project, a lead agency shall provide formal notification to a designated contact of, or tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, to be accomplished by at least one written notice that includes:

- **a.** A brief description of the project.
- **b.** The lead agency contact information.
- **c.** Notification that the California Native American tribe has 30 days to request consultation. (Pub. Resources Code §21080.3.1 (d)).
- **d.** A "California Native American tribe" is defined as a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of Statutes of 2004 (SB 18). (Pub. Resources Code §21073).

2. Begin Consultation Within 30 Days of Receiving a Tribe's Request for Consultation and Before Releasing a Negative Declaration, Mitigated Negative Declaration, or Environmental Impact Report: A lead agency shall begin the consultation process within 30 days of receiving a request for consultation from a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the proposed project. (Pub. Resources Code §21080.3.1, subds. (d) and (e)) and prior to the release of a negative declaration, mitigated negative declaration or Environmental Impact Report. (Pub. Resources Code §21080.3.1(b)).

- **a.** For purposes of AB 52, "consultation shall have the same meaning as provided in Gov. Code §65352.4 (SB 18). (Pub. Resources Code §21080.3.1 (b)).

3. Mandatory Topics of Consultation If Requested by a Tribe: The following topics of consultation, if a tribe requests to discuss them, are mandatory topics of consultation:

- **a.** Alternatives to the project.
- **b.** Recommended mitigation measures.
- **c.** Significant effects. (Pub. Resources Code §21080.3.2 (a)).

4. Discretionary Topics of Consultation: The following topics are discretionary topics of consultation:

- **a.** Type of environmental review necessary.
- **b.** Significance of the tribal cultural resources.
- **c.** Significance of the project's impacts on tribal cultural resources.
- **d.** If necessary, project alternatives or appropriate measures for preservation or mitigation that the tribe may recommend to the lead agency. (Pub. Resources Code §21080.3.2 (a)).

5. Confidentiality of Information Submitted by a Tribe During the Environmental Review Process: With some exceptions, any information, including but not limited to, the location, description, and use of tribal cultural resources submitted by a California Native American tribe during the environmental review process shall not be included in the environmental document or otherwise disclosed by the lead agency or any other public agency to the public, consistent with Government Code §6254 (r) and §6254.10. Any information submitted by a California Native American tribe during the consultation or environmental review process shall be published in a confidential appendix to the environmental document unless the tribe that provided the information consents, in writing, to the disclosure of some or all of the information to the public. (Pub. Resources Code §21082.3 (c)(1)).

6. Discussion of Impacts to Tribal Cultural Resources in the Environmental Document: If a project may have a significant impact on a tribal cultural resource, the lead agency's environmental document shall discuss both of the following:

- **a.** Whether the proposed project has a significant impact on an identified tribal cultural resource.
- **b.** Whether feasible alternatives or mitigation measures, including those measures that may be agreed to pursuant to Public Resources Code §21082.3, subdivision (a), avoid or substantially lessen the impact on the identified tribal cultural resource. (Pub. Resources Code §21082.3 (b)).

7. Conclusion of Consultation: Consultation with a tribe shall be considered concluded when either of the following occurs:

a. The parties agree to measures to mitigate or avoid a significant effect, if a significant effect exists, on a tribal cultural resource; or

b. A party, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached. (Pub. Resources Code §21080.3.2 (b)).

8. Recommending Mitigation Measures Agreed Upon in Consultation in the Environmental Document: Any mitigation measures agreed upon in the consultation conducted pursuant to Public Resources Code §21080.3.2 shall be recommended for inclusion in the environmental document and in an adopted mitigation monitoring and reporting program, if determined to avoid or lessen the impact pursuant to Public Resources Code §21082.3, subdivision (b), paragraph 2, and shall be fully enforceable. (Pub. Resources Code §21082.3 (a)).

9. Required Consideration of Feasible Mitigation: If mitigation measures recommended by the staff of the lead agency as a result of the consultation process are not included in the environmental document or if there are no agreed upon mitigation measures at the conclusion of consultation, or if consultation does not occur, and if substantial evidence demonstrates that a project will cause a significant effect to a tribal cultural resource, the lead agency shall consider feasible mitigation pursuant to Public Resources Code §21084.3 (b). (Pub. Resources Code §21082.3 (e)).

10. Examples of Mitigation Measures That, If Feasible, May Be Considered to Avoid or Minimize Significant Adverse Impacts to Tribal Cultural Resources:

a. Avoidance and preservation of the resources in place, including, but not limited to:

i. Planning and construction to avoid the resources and protect the cultural and natural context.

ii. Planning greenspace, parks, or other open space, to incorporate the resources with culturally appropriate protection and management criteria.

b. Treating the resource with culturally appropriate dignity, taking into account the tribal cultural values and meaning of the resource, including, but not limited to, the following:

i. Protecting the cultural character and integrity of the resource.

ii. Protecting the traditional use of the resource.

iii. Protecting the confidentiality of the resource.

c. Permanent conservation easements or other interests in real property, with culturally appropriate management criteria for the purposes of preserving or utilizing the resources or places.

d. Protecting the resource. (Pub. Resource Code §21084.3 (b)).

e. Please note that a federally recognized California Native American tribe or a non-federally recognized California Native American tribe that is on the contact list maintained by the NAHC to protect a California prehistoric, archaeological, cultural, spiritual, or ceremonial place may acquire and hold conservation easements if the conservation easement is voluntarily conveyed. (Civ. Code §815.3 (c)).

f. Please note that it is the policy of the state that Native American remains and associated grave artifacts shall be repatriated. (Pub. Resources Code §5097.991).

11. Prerequisites for Certifying an Environmental Impact Report or Adopting a Mitigated Negative Declaration or Negative Declaration with a Significant Impact on an Identified Tribal Cultural Resource: An Environmental Impact Report may not be certified, nor may a mitigated negative declaration or a negative declaration be adopted unless one of the following occurs:

a. The consultation process between the tribes and the lead agency has occurred as provided in Public Resources Code §21080.3.1 and §21080.3.2 and concluded pursuant to Public Resources Code §21080.3.2.

b. The tribe that requested consultation failed to provide comments to the lead agency or otherwise failed to engage in the consultation process.

c. The lead agency provided notice of the project to the tribe in compliance with Public Resources Code §21080.3.1 (d) and the tribe failed to request consultation within 30 days. (Pub. Resources Code §21082.3 (d)).

The NAHC's PowerPoint presentation titled, "Tribal Consultation Under AB 52: Requirements and Best Practices" may be found online at: http://nahc.ca.gov/wp-content/uploads/2015/10/AB52TribalConsultation_CalEPAPDF.pdf

SB 18

SB 18 applies to local governments and requires local governments to contact, provide notice to, refer plans to, and consult with tribes prior to the adoption or amendment of a general plan or a specific plan, or the designation of open space. (Gov. Code §65352.3). Local governments should consult the Governor's Office of Planning and Research's "Tribal Consultation Guidelines," which can be found online at: https://www.opr.ca.gov/docs/09_14_05_Updated_Guidelines_922.pdf.

Some of SB 18's provisions include:

1. Tribal Consultation: If a local government considers a proposal to adopt or amend a general plan or a specific plan, or to designate open space it is required to contact the appropriate tribes identified by the NAHC by requesting a "Tribal Consultation List." If a tribe, once contacted, requests consultation the local government must consult with the tribe on the plan proposal. **A tribe has 90 days from the date of receipt of notification to request consultation unless a shorter timeframe has been agreed to by the tribe.** (Gov. Code §65352.3 (a)(2)).
2. No Statutory Time Limit on SB 18 Tribal Consultation. There is no statutory time limit on SB 18 tribal consultation.
3. Confidentiality: Consistent with the guidelines developed and adopted by the Office of Planning and Research pursuant to Gov. Code §65040.2, the city or county shall protect the confidentiality of the information concerning the specific identity, location, character, and use of places, features and objects described in Public Resources Code §5097.9 and §5097.993 that are within the city's or county's jurisdiction. (Gov. Code §65352.3 (b)).
4. Conclusion of SB 18 Tribal Consultation: Consultation should be concluded at the point in which:
    a. The parties to the consultation come to a mutual agreement concerning the appropriate measures for preservation or mitigation; or
    b. Either the local government or the tribe, acting in good faith and after reasonable effort, concludes that mutual agreement cannot be reached concerning the appropriate measures of preservation or mitigation. (Tribal Consultation Guidelines, Governor's Office of Planning and Research (2005) at p. 18).

Agencies should be aware that neither AB 52 nor SB 18 precludes agencies from initiating tribal consultation with tribes that are traditionally and culturally affiliated with their jurisdictions before the timeframes provided in AB 52 and SB 18. For that reason, we urge you to continue to request Native American Tribal Contact Lists and "Sacred Lands File" searches from the NAHC. The request forms can be found online at: http://nahc.ca.gov/resources/forms/.

NAHC Recommendations for Cultural Resources Assessments

To adequately assess the existence and significance of tribal cultural resources and plan for avoidance, preservation in place, or barring both, mitigation of project-related impacts to tribal cultural resources, the NAHC recommends the following actions:

1. Contact the appropriate regional California Historical Research Information System (CHRIS) Center (https://ohp.parks.ca.gov/?page_id=30331) for an archaeological records search. The records search will determine:
    a. If part or all of the APE has been previously surveyed for cultural resources.
    b. If any known cultural resources have already been recorded on or adjacent to the APE.
    c. If the probability is low, moderate, or high that cultural resources are located in the APE.
    d. If a survey is required to determine whether previously unrecorded cultural resources are present.

2. If an archaeological inventory survey is required, the final stage is the preparation of a professional report detailing the findings and recommendations of the records search and field survey.
    a. The final report containing site forms, site significance, and mitigation measures should be submitted immediately to the planning department. All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum and not be made available for public disclosure.
    b. The final written report should be submitted within 3 months after work has been completed to the appropriate regional CHRIS center.

3. Contact the NAHC for:
   a. A Sacred Lands File search. Remember that tribes do not always record their sacred sites in the Sacred Lands File, nor are they required to do so. A Sacred Lands File search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with the geographic area of the project's APE.
   b. A Native American Tribal Consultation List of appropriate tribes for consultation concerning the project site and to assist in planning for avoidance, preservation in place, or, failing both, mitigation measures.

4. Remember that the lack of surface evidence of archaeological resources (including tribal cultural resources) does not preclude their subsurface existence.
   a. Lead agencies should include in their mitigation and monitoring reporting program plan provisions for the identification and evaluation of inadvertently discovered archaeological resources per Cal. Code Regs., tit. 14, §15064.5(f) (CEQA Guidelines §15064.5(f)). In areas of identified archaeological sensitivity, a certified archaeologist and a culturally affiliated Native American with knowledge of cultural resources should monitor all ground-disturbing activities.
   b. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the disposition of recovered cultural items that are not burial associated in consultation with culturally affiliated Native Americans.
   c. Lead agencies should include in their mitigation and monitoring reporting program plans provisions for the treatment and disposition of inadvertently discovered Native American human remains. Health and Safety Code §7050.5, Public Resources Code §5097.98, and Cal. Code Regs., tit. 14, §15064.5, subdivisions (d) and (e) (CEQA Guidelines §15064.5, subds. (d) and (e)) address the processes to be followed in the event of an inadvertent discovery of any Native American human remains and associated grave goods in a location other than a dedicated cemetery.

If you have any questions or need additional information, please contact me at my email address: Cody.Campagne@nahc.ca.gov.

Sincerely,

Cody Campagne

Cody Campagne
Cultural Resources Analyst

cc: State Clearinghouse

Brett Walker, Planner
bwalker@novato.org
City of Novato
922 Machin Street
Novato, CA 94945

Re: Costco Fuel Facility DEIR Scoping Comments

Dear Mr. Walker:

The following were concerns raised made during the previous IS/MND evaluation of the proposed Costco Fuel Facility project that I would like to make sure are covered in the Draft EIR for the City's current review of the proposed Costco Fuel Facility at Vintage Oaks.

When Vintage Oaks had its original environmental review, the pads for satellite buildings were identified and there was analysis of each site. The location of the fuel facility was not identified as a pad for a satellite structure. The EIR should perform the kind of subterranean analysis as the originally identified pads. The burial of three 40,000-gallon tanks for the gasoline, plus the concrete slab for them to be strapped to (estimated to weigh 360 tons) is a lot of weight on unknown fill material resting on Bay mud, which has been identified as being subject to liquefaction. Would the project require an amendment to the Vintage Oak Master Plan? A study identifying more specific information about the site proposed for the fuel facility Should be part of the environmental review of the project before impacts are evaluated.

Although the Beverly Ehreth Ecological Pond wildlife area was identified as being 150 feet from the project site, impacts from construction of facility on both surface and subsurface flow of water and how construction and operation of the facility may impact the wildlife area should be evaluated as well as impacts from noise and vibration and air quality especially on nesting birds.

Hydrology and Water Quality should address the elevation of the site and potential impact of Sea Level Rise (SLR). The EIR should include reference to Novato Creek (a tidal creek), SLR, the underlayer of bay mud and potential of subsidence and flooding from other sources. The document should address that liquefaction is probable and the rising water table from SLR.The water table is 3 to 10 feet at this time. Is the groundwater fresh or saline?
Attachment #1 illustrates future water levels with SRL.

Geology and Soils section should recognize the high potential for liquefaction in at least part of the site during an earthquake and include it in its analysis.With sumps, flexible connections, monitors and alarms there would be no quick fix in an earthquake and the Beverly Ehreth Pond, 150 feet away at a lower elevation, could be damaged for years.

The Land Use and Planning section should reference all adopted planning and policy docuents and the project's consistency with them.including the Greenhouse Gas Reduction Measures listed in GP appendix E include 30 targeted areas to reduce GHG including #15 vehicle idling and #17 low emission vehicle infrastructure. and should honor the intent of Novato's Climate Emergency Resolution adopted on November 10, 2020.

Transportationon pages 93-94, finds that the project would have a less than significant impact with respect to conflicting with or being inconsistent with CEQA Guidelines section 15064.3(b). This finding is based on an analysis of Vehicle Miles Traveled (VMT) prepared by Kittelson & Associates, Inc., December 2020, which is part of the IS/MND's Appendix TIS, Transportation Impact Study.

The VMT analysis relies on five types of vehicle trips associated with the proposed Costco fuel station to determine net daily VMT that would be generated: net new gas-only trips, gas-only diverted trips, gas-only pass-by trips from the shopping center, new warehouse and gas (shared) trips, warehouse and gas trips shifting to Novato from existing Costco warehouses with fuel stations. This analysis finds that the Costco fuel station would reduce total regional daily VMT by 458. This analysis overestimates vehicle trip reductions and underestimates vehicle trip generation based on several unsupported assumptions and incorrect methodology: **See attachment #2.**

Air Quality impacts should be evaluated not only on nearby residential neighborhoods but also to the resident and migratory wildlife in the nearby habitat and sensitive natural areas both within 150 feet and in the creek and baylands nearby.

Please see the attachments and assess impacts based on comments made about prior IS/NMD regarding Hazards and Hazardous Hazards Materials, Transportation and VMT and GHG studies and emissions and analysis required by CEQA Guidelines section 15064.

Sincerely,

Kate Powers

Attachment #1

Sea Level Rise – Source: Our Coast, Our Future Flood Map
Much of site will be inundated by 2.5 feet of SLR by 2070 per the majority of climate expert projections of future SLR ranges including 20-year storm events



Attachment #2

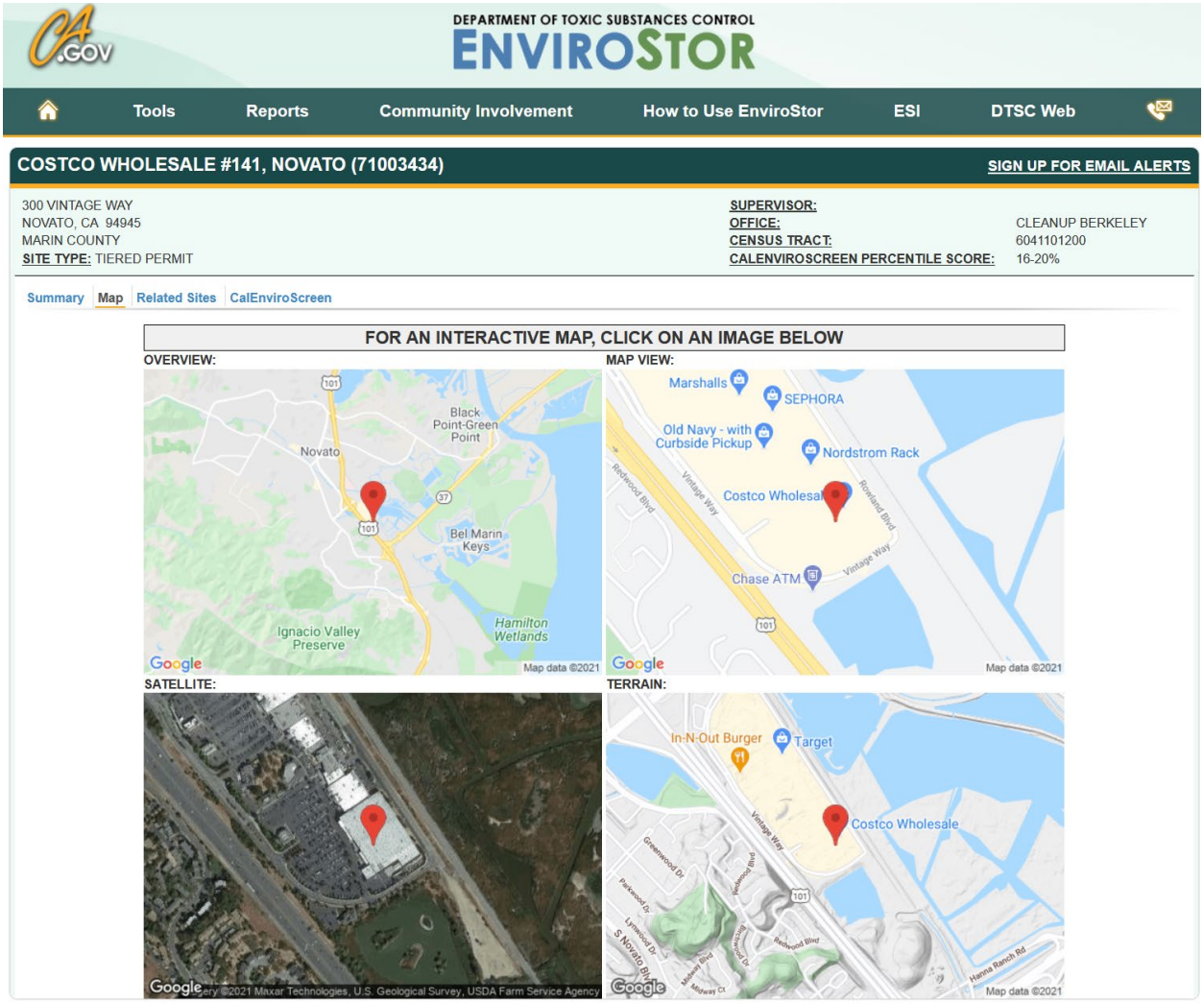
Review of Initial Study/Mitigated Negative Declaration
prepared by City of Novato, January 2012
for Costco Fuel Center and Rowland Boulevard Public Works Project

1. Hazards and Hazardous Materials

The IS/MND finds that the new Costco fuel station would have a less than significant impact with respect to creating a significant impact to the public or the environment as a result of being located on a site that is included on a list of hazardous material sites compiled pursuant to Government Code Section 65962.5, The IS/MND states that "The fuel center site is listed as Costco Wholesale #141, Novato (ID: 71003434), an inactive site on the EnviroStor database," which appears to imply that there is nothing to worry about. However, this statement omits the full text of the EnviroStor database entry for the Costco Wholesale warehouse cleanup status, which reads: "inactive – needs evaluation as of," as shown below.



https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003434



https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003434

The EnviroStor glossary (https://www.envirostor.dtsc.ca.gov/public/EnviroStor%20Glossary.pdf) defines the cleanup status "Inactive – Needs Evaluation" as an identifier for non-active sites where the Department of Toxic Substances Control (DTSC) has determined that a Preliminary Endangerment Assessment (PEA) or other evaluation is required. In other words, the DTSC has not yet assessed the site and entered findings or referrals to other agencies into the EnviroStor database. Therefore, the IS/MND's finding of "less than significant impact" with respect to hazards and hazardous materials is not supported.

2. Transportation

The IS/MND, pages 93-94, finds that the project would have a less than significant impact with respect to conflicting with or being inconsistent with CEQA Guidelines section 15064.3(b). This finding is based on an analysis of Vehicle Miles Traveled (VMT) prepared by Kittelson & Associates, Inc., December 2020, which is part of the IS/MND's Appendix TIS, Transportation Impact Study.

The VMT analysis relies on five types of vehicle trips associated with the proposed Costco fuel station to determine net daily VMT that would be generated: net new gas-only trips, gas-only diverted trips, gas-only pass-by trips from the shopping center, new warehouse and gas (shared) trips, warehouse and gas trips shifting to Novato from existing Costco warehouses with fuel stations. This analysis finds that the Costco fuel station would reduce total regional daily VMT by 458.

Table 20: Overall Project VMT

Trip Type	Total Daily VMT
Net New Gas-Only Trips	-409
Gas-Only Diverted Trips	2,633
Gas-Only Pass-By Trips from Shopping Center	414
Warehouse + Gas Trips	-1,496
Warehouse + Gas Trips: 30% Shifting from Existing Warehouses	-1,600
Total	**-458**

Source: Kittelson & Associates, Inc. 2020

This analysis overestimates vehicle trip reductions and underestimates vehicle trip generation based on several unsupported assumptions and incorrect methodology:

a) Net new gas-only trips

The VMT analysis calculates a reduction of 409 daily VMT for net new gas-only trips (trips whose destination is the new Costco fuel station but not the warehouse):

Table 15: VMT for Net New Gas-Only Trips

Gas-Only Trips by Fuel Station Destination	Daily Trips	Daily VMT
Gas-Only Trips Currently Made to Members' Closest Fuel Station*	1,405	1,781
Gas-Only Trips to Novato Costco Gas Station		1,372
Total		**-409**

Source: Kittelson & Associates, Inc., 2020

*Members who would make gas-only trips to the Costco fuel station in the future when it is in operation currently buy their gas somewhere. This line assumes members purchase gas today at the fuel station closest to their home.

This analysis assumes that at present, Costco members make 1,405 daily gas-only trips to the fuel station closest to their home, driving an average of 1.27 miles per trip (=1,781 daily VMT/1,405 daily trips), and make gas-only trips only if a fuel station is within three miles (about 10 minutes) of their home. The VMT analysis further assumes that in the future, Costco members who live within three miles of the Vintage Oaks shopping center will make 1,405 daily gas-only trips to the new Costco fuel station, driving an average of 0.98 miles per trip (1,372 daily VMT/1,405 daily trips).

The VMT analysis does not explain how it arrived at the assumption that Costco members make 1,405 daily trips to fuel stations nor does it explain how it arrived at the assumed miles per gas-only trip to calculate daily VMT. The assumption that the daily gas-only mileage is higher at present than it will be when the Costco fuel station is built is counter-intuitive: it seems more likely that Costco members will drive further to purchase less-expensive fuel at a Costco fuel station than they do at present to closer but more expensive fuel stations.

b) Gas-only pass-by trips from shopping center

The VMT analysis assumes that 1,655 Costco members who shop (or eat) elsewhere at the Vintage Oaks shopping center will use the new Costco fuel station on a daily basis without accessing the Costco warehouse, assuming an additional average onsite distance of 0.25 miles:

Table 17: VMT for Pass-by Trips from Shopping Center

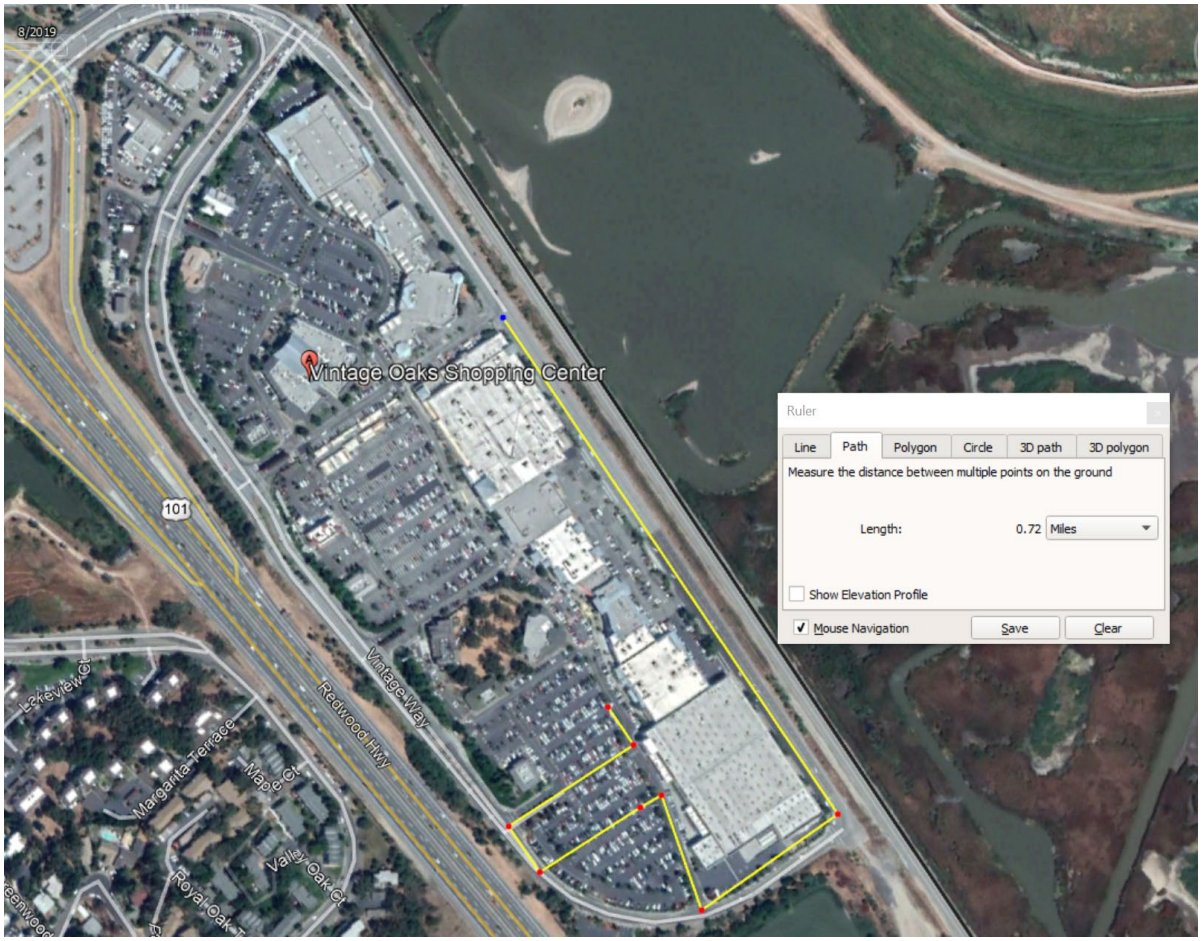
Daily Gas-Only Pass-by Trips	Average Distance per Trip	Daily VMT
1,655	0.25	414

Source: Kittelson & Associates, Inc. 2020

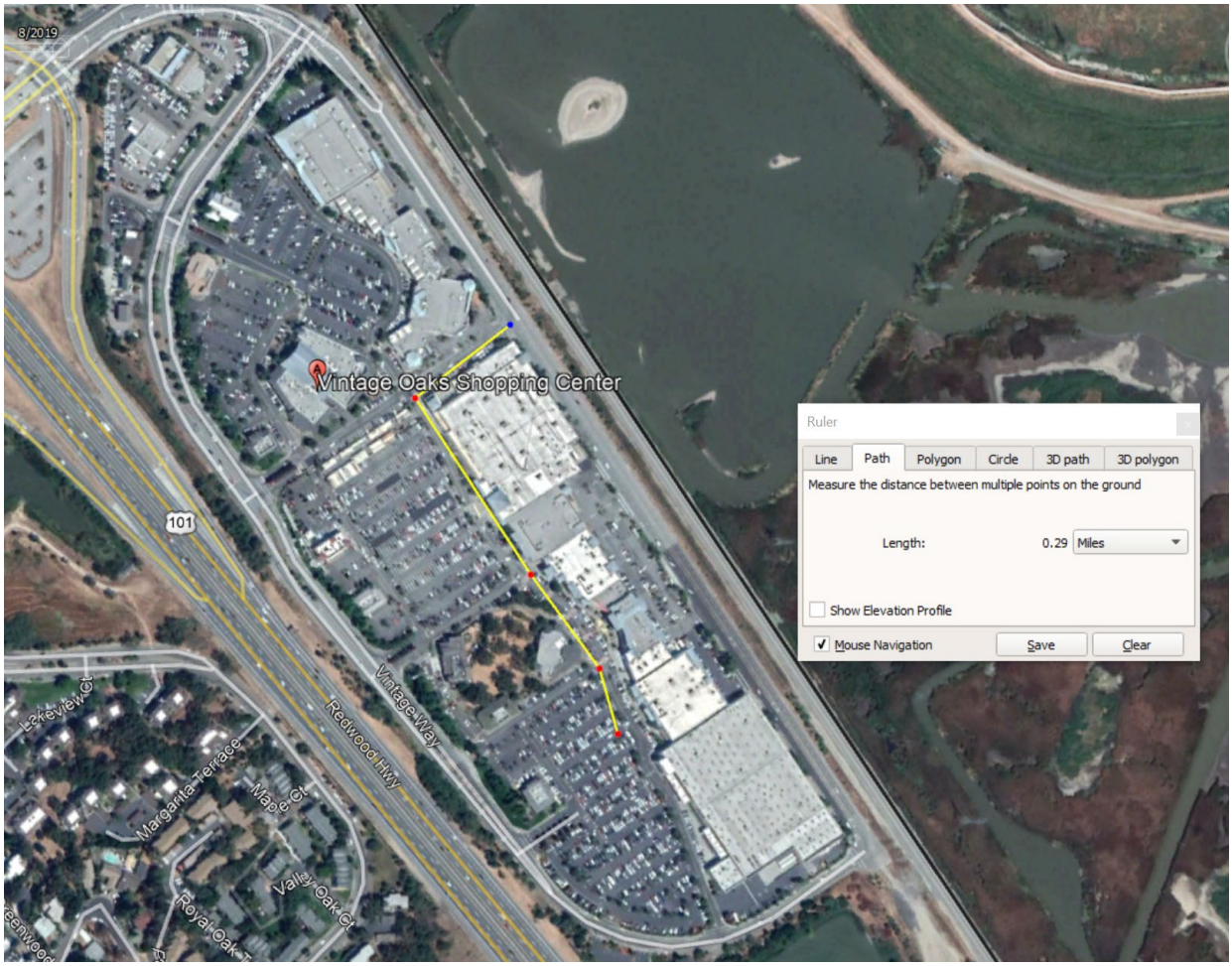
Again, the VMT analysis does not provide support for the assumptions to calculate daily VMT and the assumption of an average of 0.25 miles on site is too low.

Using Google Earth, the additional mileage to the same exit point for the nearest store next to the Costco warehouse is about 0.4 miles (0.72 miles accessing the fuel station - 0.29 miles without accessing fuel station):

Accessing new Costco fuel station from store nearest Costco warehouse

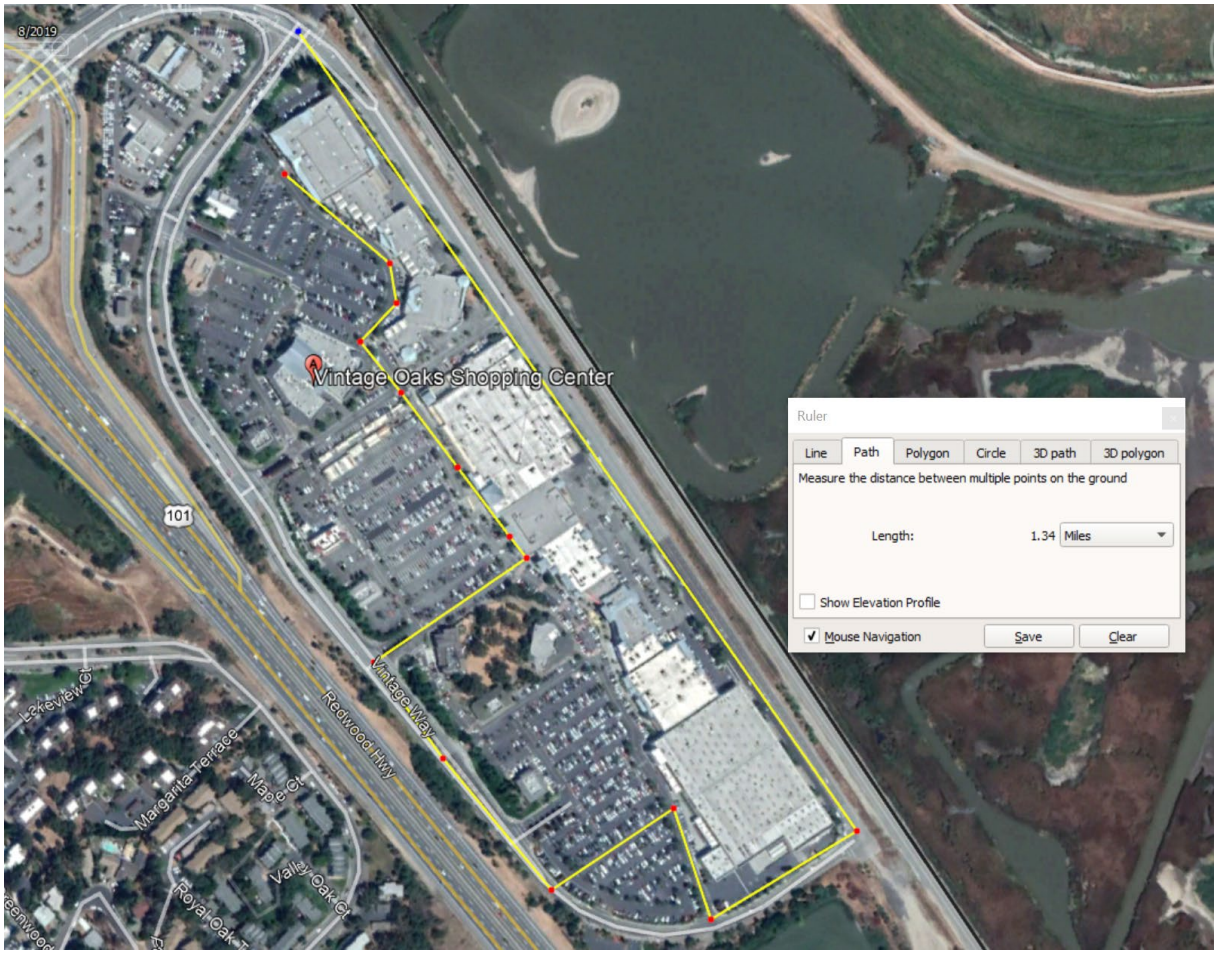


Leaving directly from store nearest Costco warehouse

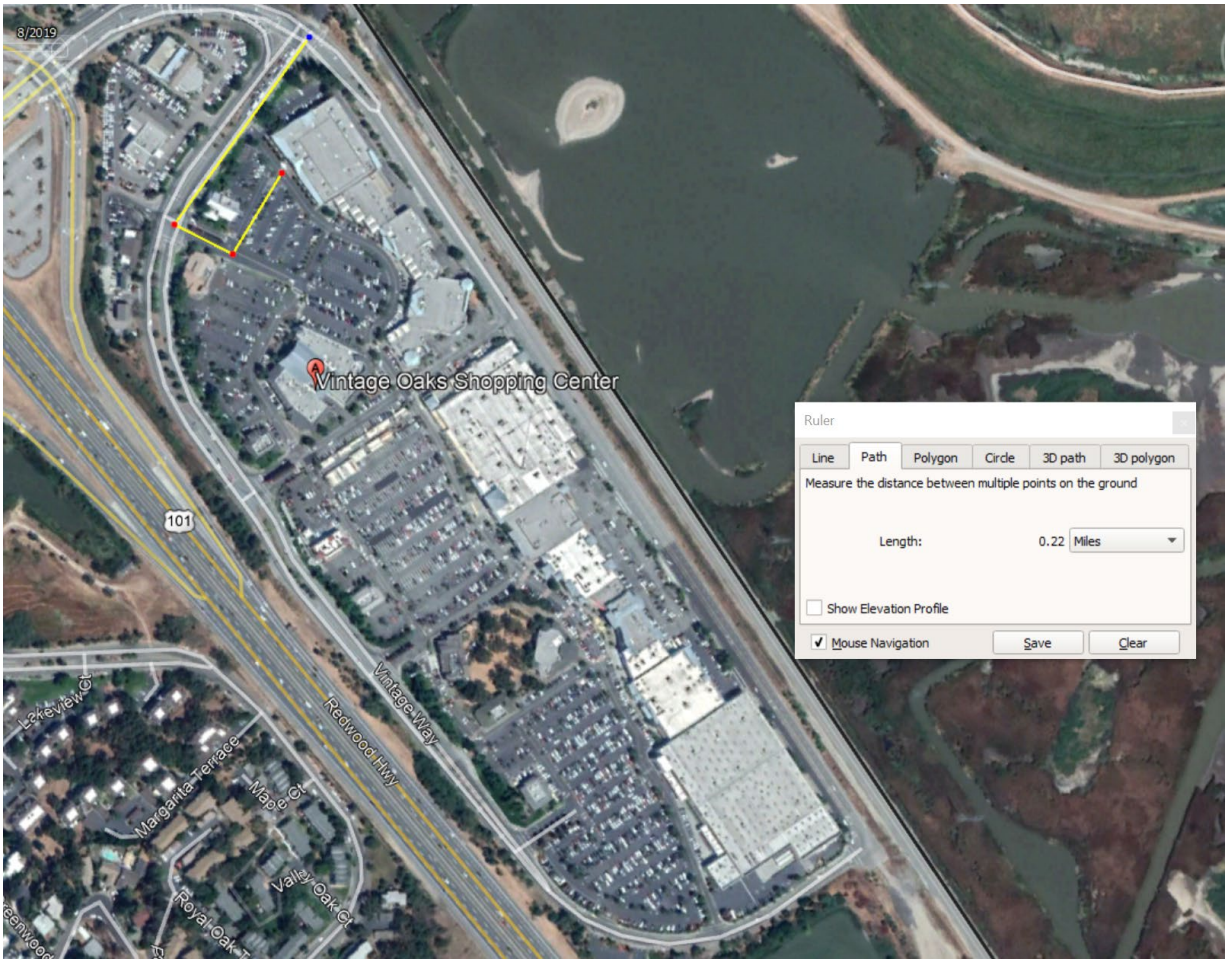


The additional mileage to the same exit point for the other end of the Vintage Oaks shopping mall is about 1.1 miles (1.34 miles accessing the fuel station - 0.22 miles without accessing fuel station):

Accessing new Costco fuel station from north end of Vintage Oaks shopping center



Leaving directly from north end of Vintage Oaks shopping center



As shown, additional onsite trip lengths accessing the new Costco fuel station vary between 0.4 and 1.1 miles. Therefore, the VMT analysis greatly underestimates additional daily VMT from gas-only pass-by trips from within the Vintage Oaks shopping center by assuming that each trip on average would only be 0.25 miles long.

c) Warehouse and gas trips shifting to Novato from existing Costco warehouses with fuel stations

The VMT analysis states that Costco members combining their trips to the Costco warehouse with fueling up at the new Costco fuel station (instead of buying gas elsewhere) would yield a VMT credit because members would combine two trips into one. To calculate this reduction, the VMT analysis relies on the ratio of gas-only diverted trips, pass-by trips, and primary trips relative to gas-only trips based on data for the PM peak hour:

Table 18: VMT for Warehouse + Gas Trips

Present-Day Trip Type	Percentage of Warehouse + Gas Trips	Number of Daily Warehouse + Gas Trips	Average Miles to Existing Fuel Station	Daily VMT
Divert to Existing Fuel Stations	36%	810	0.78	-629
Pass-by to Existing Fuel Stations	34%	757	0	0
Home-Based Trips to Existing Fuel Stations	30%	684	*	-867
Total		**2,250**		**-1,496**

Source: Kittelson & Associates, Inc. 2020

* Average distance not applied to home-based trips. Calculation uses spatial analysis to assign home-based trips along the shortest route to the nearest fuel station.

This analysis again relies on unsupported data for the number of daily warehouse trips + gas trips and average miles to existing fuel stations. In addition, the ratio of trips derived based on PM peak hour data appears unsuited to calculate a reduction in daily VMT. Also, the VMT analysis appears to double-count the home-based trips to existing fuel stations it analyzed earlier as "gas-only trips."

d) VMT credit for shifting from existing Costco fuel stations in region

The VMT analysis assumes that some Costco members living in Marin County, who currently make regional trips to fuel up at the Rohnert Park and Vallejo Costco locations will instead fuel up at the new Costco fuel station in Novato, resulting in shorter trips and a VMT credit. The VMT analysis assumes that 30% of these regional trips currently occurring at the Rohnert Park and Vallejo locations are home-based (gas-only trips), based on Table 7 in the Transportation Impact Analysis (Appx. TIA), which summarizes trip generation estimates by trip type. The VMT analysis then multiplies the resulting average daily regional fuel trips by a range of roundtrip distances traveled to determine the daily VMT credit:

Table 19: VMT for Warehouse + Gas Trips: 30% Shifting from Existing Warehouses

Existing Warehouse	Average Daily Regional Fuel Trips*	30% of Average Daily Regional Fuel Trips	Range of Roundtrip Distances Traveled (mi.)	Daily VMT
Rohnert Park	119	36	6-43	-1,356
Vallejo	21	6	24-46	-244
Total	**140**	**42**		**-1,600**

Source: Kittelson & Associates, Inc. 2020

* Based on Costco fuel station transaction data for Vallejo and Rohnert Park in April 2019.

This analysis is based on a number of wrong assumptions:

1) The mere fact that Marin County Costco members fuel up at the Rohnert Park and Vallejo locations without shopping at the Costco warehouses at these locations does not indicate that they make home-based (gas-only) trips to fuel up. Instead, they may be shopping at the respective malls or are on their way somewhere else.

2) Even if the above assumption were correct, the VMT analysis incorrectly relies on the PM peak hour percentage from Table 18 to arrive at 30% home-based trips. Instead, Table 7 shows that over the course of the entire day only 20.45% are home-based trips (= 1,405 net new gas only trips / 6,870 total trips):

Table 7: Trip Generation Estimates by Trip Type

Costco Gasoline Fuel Station	Daily Trips	Weekday PM Peak Hour Trips	Saturday Midday Peak Hour Trips
Total Trips	6,870	576	696
Warehouse + Gas Trips (33% Weekday, 36% Saturday)	*-2,250*	*-189*	*-250*
Total Gas-Only Trips	4,620	387	446
Pass-by Trips (36% Weekday, 30% Saturday)	*-1,655*	*-139*	*-133*
Diverted Trips (34% Weekday, 32% Saturday)	*-1,560*	*-131*	*-141*
Net New Gas-Only Trips	**1,405**	**117**	**172**

Source: Kittelson & Associates, Inc. 2020

Note: Percentages of warehouse + gas "shared" trips, gas-only pass-by trips, and gas-only diverted trips are estimated based on historical data from the Costco trip generation database.

3) To calculate daily VMT, the VMT analysis assumed average roundtrip distances for Rohnert Park of 37.7 miles (= 1,356 daily VMT/36 trips) and for Vallejo of 40.7 miles (= 244 daily VMT/6 trips). No one drives 40 miles roundtrip to fuel up (especially not in Bay Area traffic)! Not only does driving 40 miles and fueling up at a busy fuel station probably take the better part of an hour or longer, but the fuel used by the vehicle to get to the fuel station and back home would eliminate the cost savings. The VMT analysis recognizes this when it analyzed the home-based fuel trips, which it cut off at 3 miles.

e) VMT increase from additional members driving to new Costco Novato fuel station

The VMT analysis does not account for current non-members, including some who already frequent the Vintage Oaks Shopping Center, who may sign up for a new Costco membership because of the savings at the new Costco Novato fuel station. Plenty of discussions can be found online where people contemplate getting a membership for fuel purchases alone (for example: https://www.reddit.com/r/Costco/comments/b36ctg/getting_the_membership_just_for_gas_worth_it/).

CEQA and Climate Change

The accumulation of greenhouse gases in the atmosphere over time is already causing the climate to change with more significant changes to come. Since a key purpose of the California Environmental Quality Act (CEQA) (Pub. Resources Code, § 21000 et seq.) is to maintain the quality of California's environment, both now and into the future, reducing the risk of climate change is an important objective under CEQA.

CEQA Guidelines

By enacting Senate Bill 97 in 2007, California's lawmakers expressly recognized the need to analyze greenhouse gas emissions as a part of the CEQA process. SB 97 required OPR to develop, and the California Natural Resources Agency (Agency) to adopt, amendments to the CEQA Guidelines addressing the analysis and mitigation of greenhouse gas emissions. Those amendments became effective on March 18, 2010.

In late 2018, the Agency finalized amendments to the CEQA Guidelines, including changes to CEQA Guidelines section 15064.4, which addresses the analysis of greenhouse gas emissions. The amendments were approved by the Office of Administrative Law and filed with the Secretary of State. **The amendments became effective on December 28, 2018**.

The revision of CEQA Guidelines section 15064.4 clarified several points, including the following:

- Lead agencies must analyze the greenhouse gas emissions of proposed projects. (See CEQA Guidelines, § 15064.4, subd. (a).)
- The focus of the lead agency's analysis should be on the project's effect on climate change, rather than simply focusing on the quantity of emissions and how that quantity of emissions compares to statewide or global emissions. (See CEQA Guidelines, § 15064.4, subd. (b).)
- The impacts analysis of greenhouse gas emissions is global in nature and thus should be considered in a broader context. A project's incremental contribution may be cumulatively considerable even if it appears relatively small compared to statewide, national or global emissions. (See CEQA Guidelines, § 15064.4, subd. (b).)
- Lead agencies should consider a timeframe for the analysis that is appropriate for the project. (See CEQA Guidelines, § 15064.4, subd. (b).)
- A lead agency's analysis must reasonably reflect evolving scientific knowledge and state regulatory schemes. (See CEQA Guidelines, § 15064.4, subd. (b).)
- Lead agencies may rely on plans prepared pursuant to section 15183.5 (Plans for the Reduction of Greenhouse Gases) in evaluating a project's greenhouse gas emissions. (See CEQA Guidelines, § 15064.4, subd. (b)(3).)
- In determining the significance of a project's impacts, the lead agency may consider a project's consistency with the State's long-term climate goals or strategies, provided that substantial evidence supports the agency's analysis of how those goals or strategies address the project's incremental contribution to climate change and its conclusion that the project's incremental contribution is consistent with those plans, goals, or strategies. (See CEQA Guidelines, § 15064.4, subd. (b)(3).)
- The lead agency has discretion to select the model or methodology it considers most appropriate to enable decision makers to intelligently take into account the project's incremental contribution to climate change. (See CEQA Guidelines, § 15064.4, subd. (c).)

Brett Walker

From: mprice the-acorn.com <mprice@the-acorn.com>
Sent: Friday, August 25, 2023 7:44 PM
To: Brett Walker
Subject: [External] Fw: 8/28 Council Meeting Item G1 OSTCO FUEL FACILITY CEQA SCOPING MEETING PROJECT NO. P2020-025

Dear Mr. Walker,

I see I had the wrong email for you so I am forwarding the email I just sent in to what I hope is the correct address.

Marilyn Price

From: mprice the-acorn.com
Sent: Friday, August 25, 2023 7:38 PM
To: walker@novato.org <walker@novato.org>; novatocouncil@novato.org <novatocouncil@novato.org>
Subject: 8/28 Council Meeting Item G1 OSTCO FUEL FACILITY CEQA SCOPING MEETING PROJECT NO. P2020-025

Dear Novato Council members and Mr. Walker,

While I live in Mill Valley, I firmly believe the installation of a huge gas station at Costco's Novato location impacts all of us. I have been concerned about the state of our environment since the early 60s, but the issue is so much more serious today than it was 60 years ago. The science is telling us that we need to phase out not encourage fossil fuels. Electric cars will be the car of the future and additional money spent to power cars should be spent on electric charges not on more fossil fuel gas stations that can also adversely affect our environment.

We need our local, state and national governments to think of the future and do all they can to protect our precious environment for those born now and all those to come.

Thank you for considering this request.

Sincerely yours,

Marilyn Price
Mill Valley, CA

Brett Walker

From: Lonna Richmond <lonnajean@gmail.com>
Sent: Saturday, September 9, 2023 2:07 PM
To: Brett Walker
Subject: [External] mega gas station at Costco

hello, since we are transitioning from fossil fuels i don't believe we need some new mega gas station any time or anywhere.

this is so out of line with the way things are going and with climate change upon us, it seems to me to be saying "**** you" to our planet and all life that depends on our mother earth.

sincerely,
lonna richmond

Brett Walker

From: Judy Slater <slaterjama14@gmail.com>
Sent: Friday, August 25, 2023 4:22 AM
To: Brett Walker
Subject: [External] Costco gas station

Brett Walker and the Planning Commission,

I am writing in strong opposition to the proposed Costco Fuel station, a monstrosity that would create a huge negative environmental impact on our community for years to come.

Instead of opting for the future with electric vehicles and cleaner air and environment, this would move progress backwards by increasing not only greenhouse gas emissions in the immediate area, but would negatively impact the already heavy traffic, air quality, pollution of the surrounding marshes and wildlife, and the health of residents in nearby neighborhoods as fumes dissipate.

Please look beyond the small economic gain now, that will decrease in the near future, as gas powered vehicles are phased out by the end of the decade. Please help curb climate change, environmental pollution and create a cleaner Novato for all people and wildlife.

I urge you to vote against the proposed Costco Fuel Station.

Thank you.

Judy Slater

112 Martin Dr

Novato, CA 94949

September 11, 2023, 2023

From: Timothy Valentine
813 Paxton Villa Ct.
Novato, CA 94947

Public Comment to:

COSTCO FUEL FACILITY CEQA SCOPING PROJECT NO. P2020-025 STATE CLEARINGHOUSE NUMBER 2021010190 APN 153-340-36; 300 VINTAGE WAY

To: The Novato Planning Commissioners

Cc: City Planner

Dear Planning Commissioners,

My wife and I are residents of Novato, and we appreciate a detailed Environmental Impact Report about the proposed Costco Gas Station. To our knowledge, the public has an opportunity to Identify potential mitigation measures that should be analyzed in-depth in an EIR.

We are concerned about the Air Quality and Health impact of a large 28th Fulling Position Gas Station and are pleased to see that this is one of the main topics in the EIR.

As a former Paramedic and my wife, a former licensed Naturopathic Doctor in Germany, we understand that gasoline is toxic. A person can also sustain damage to the skin and eyes when they come into contact with gasoline liquid or the fumes or vapors of gasoline.

Gas Stations are classified as toxic hot spots. They can have adverse effects on health and air quality. Gasoline is made out of crude oil, a fossil fuel, and typically contains more than 150 chemicals, including small amounts of benzene, toluene, and xylene. Benzene is a known carcinogen; toluene and xylene can cause kidney and brain damage and are the most toxic among the compounds.

Local health risks from this mega gas station will be higher because of the large number of fueling positions. The proposed fuel station would have a throughput of 36 million gallons annually. Nearby road traffic of the Vintage Oaks shopping center and the busy 101 freeway also add to pollution. Vapor plumes and smoke would extend across adjacent roads and neighborhoods.

Specific populations, such as children, the elderly, and people with health problems, are susceptible to air pollution. Children are more likely to experience serious side effects from gasoline because they absorb more gasoline vapors due to a greater lung surface area. Children who live near gas stations have increased asthma and leukemia.

Approximately less than 100 feet south, right next to the proposed gasoline dispensing fuel facility is Tamalpais Pediatrics, and across US 101, 450 feet west, and 640 feet southwest are single and multi-family residences.

California has a setback regulation of 300 feet from large gas stations. However, we have read a study published in October 2018 by Researchers at Columbia University, Johns Hopkins University, and Arid Technology, concluding that gas station toxic fume emissions are 10 times higher than thought.

We are not only concerned about children, the elderly, residents, doctors, and Costco workers' additional harmful air quality exposure. As Costco members, we would feel uncomfortable shopping there with a gas station on the side because the large entrance and exit doors are always open.

Therefore, we would appreciate a thorough health risk assessment with all data considered.

Additionally, we recommend Costco set up EV-only charging stations as project alternatives and promote EV sales to members.

Thank you for considering our input to the Environmental Impact Report and your service as Planning Commissioners.

Sincerely

Timothy Valentine & Silke Valentine

Appendix B

Costco Fueling Facility Program

BARGHAUSEN

GENERAL INFORMATION

Costco Wholesale
Fueling Facility Program

300 Vintage Way
Novato, California 94945

Costco Loc. No. 141
APN No. 153-340-36

Prepared for:
Costco Wholesale
999 Lake Drive
Issaquah, WA 98027

August 19, 2020
Our Job No. 7785

BARGHAUSEN CONSULTING ENGINEERS, INC.
18215 72ND AVENUE SOUTH KENT, WA 98032 P) 425-251-6222 F) 425-251-8782
BRANCH OFFICES: TUMWATER, WA KLAMATH FALLS, OR LONG BEACH, CA ROSEVILLE, CA SAN DIEGO, CA
barghausen.com

Introduction

The Costco Gasoline fueling facility component to this Costco Wholesale development will include equipment of the latest technology, with many safety features to prevent potential environmental impacts, designed in accordance with local, state, and federal requirements, and will be installed by State Certified Installation Contractors according to specific construction guidelines and requirements. Below are some of the operational and design features that provide exceptional environmental safeguards.

Operational Features

1. The Costco Gasoline fueling facility is designed to operate as an unattended self-serve facility. However, Costco Wholesale's policy is to provide a Costco Gasoline Program trained employee and supervisor at the site during all hours of operation. The Costco Gasoline training program includes an interactive test that all gasoline employees must pass before working at a Costco Gasoline facility.

2. The Costco Gasoline fueling facility is designed to operate as an unattended self-serve facility. However, Costco Wholesale's policy is to provide a Costco Gasoline Program trained employee and supervisor at the site during all hours of operation. The Costco Gasoline training program includes an interactive test that all gasoline employees must pass before working at a Costco Gasoline facility.

3. In addition to the above-mentioned employee, the facility is supported by senior management in the Warehouse during all gasoline station operation hours. The supervisor will be equipped with a roam telephone programmed to receive calls from the fueling facility and Warehouse. Every gasoline facility is equipped with a "911" telephone that automatically contacts emergency dispatch in addition to a regular telephone line and roam phones.

4. Employees are trained to identify maintenance requirements and physically inspect the fuel islands regularly during operating hours. Their training includes the proper spill clean up and emergency response procedures. Trained employees check for leaking hoses, malfunctioning nozzles, fuel spills, and physical damage to the dispensers and controller enclosure. During non-operating hours, the power to the dispensers is turned off and each nozzle pad is locked. Should the system require attention beyond what the trained site person could handle, the local authorized and certified service contractor would be contacted and dispatched to repair the equipment.

5. Emergency shutoff switches are installed next to the controller enclosure and in locations near the dispensers, as dictated by the fire code.

6. Closed circuit television monitor cameras aimed to show all fueling positions, the tank slab, and equipment enclosure are mounted on canopy columns adjacent to the fuel islands. A split screen monitor located in the Costco Warehouse allows for full-time monitoring of the fueling operation. All images are recorded by the camera system.

7. The tank and piping monitoring system is programmed to activate visual/audible alarms in the event of an alarm condition. A visual/audible alarm is located on the outside of the controller enclosure and a visual/audible alarm is located in the Costco Warehouse entry/exit area. Further, the monitoring system is designed so that if power is lost to the monitoring console the facility is shut down and will not operate.

8. An independent security company monitors the Costco Warehouse alarm system. The alarm system acknowledges an alarm condition at the fueling facility and notifies Costco Wholesale management staff of an alarm condition should it occur after operating hours.

Design Features

1. Costco Wholesale's tank and piping system is certified to meet the Federal UST leak detection standards of 95 percent probability of detection and five percent probability of false alarm. California State Water Resources Control Board also certifies the system under LG-113.

2. Costco Wholesale utilizes one of the most durable joint sealers available today to seal the concrete control joints. PTi sealer is a petroleum-resistant sealant developed by Prevention Technologies, Inc (PTi). The sealer is used to prevent petroleum products from entering the underlying soil at the concrete joints. This product is used for its superior elasticity and user-friendly application. The elasticity allows the product to maintain a tight seal even with concrete expansion. The easy application ensures a proper seal whether it is applied by a contractor or maintenance personnel. Costco Wholesale is one of the few, if not only companies, to have a nationwide standard to seal control joints and other areas to prevent product spills from reaching the soil.

3. The storm drainage system for the fueling facility area will be designed in accordance with State of California Best Management Practices for water quality treatment standards. Stormwater from the fueling area will be isolated and will be directed to a catch basin and processed through an oil/water separator prior to discharge to the downstream system.

4. The underground tank and piping control units are housed inside the controller enclosure. The enclosure will contain the power console, the dispenser interface unit, the submersible pump variable speed controllers, and the monitoring system console. An air conditioner mounted on the side of the enclosure will have a preset thermostat to maintain a safe operating temperature.

5. The USTs and all containment sumps, including the dispenser sumps are all double-walled fiberglass. Fiberglass is used for its corrosion resistance and plasticity. The double-walled storage tank system includes a hydrostatic interstitial space sensor that monitors the primary and secondary tank walls. If a tank wall is compromised, the interstitial sensor will immediately shut down the product delivery system and activate a visual/audible alarm.

6. The tanks are secured in place with anchoring straps (tie-downs) connected to concrete hold down deadmen. The entire tank excavation hole is backfilled with pea gravel and capped with an 8-inch-thick reinforced concrete slab (overburden). The tie-downs, together with the overburden, overcome any possible buoyancy factors and resist buckling under hydrostatic pressures. Please see the attached exhibit illustrating the anchoring system.

7. All product, vapor and vent piping is non-corrosive and provides three levels of protection. First, all product piping is monitored with pressure line leak detection. Second, all piping is double wall to provide secondary containment. Third, all fiberglass piping is additionally monitored under vacuum per California 2481 regulations such that if a breach is detected in the vacuum, the product delivery system will shut down and system will sound audible alarm.

8. All piping connections to the tanks and dispensers are flexible. Flexible connectors are used to prevent rupture from any form of ground movement.

9. All piping slopes to the sumps at the USTs. If a piping leak occurs, the gasoline will flow through the secondary pipe to the sump, where a sensor is triggered to immediately shut down the system and activate an audible/visual alarm.

10. All tanks and dispensers are equipped with latest Phase I and Phase II Enhanced Vapor Recovery (EVR) vapor recovery air pollution control equipment technology per CARB regulations and associated Executive Orders. The Phase I EVR equipment controls the vapors

in the return path from the tanks back to the tanker truck during offloading filling operations. The Stage I EVR systems are 98 percent effective in controlling fugitive emissions from escaping into the environment. The Phase II EVR equipment controls the vapors in the return path from the vehicles back to the tanks and are 95 percent effective in controlling fugitive emissions from escaping into the environment.

11. The UST monitoring system incorporates automatic shutoffs. If gasoline is detected in the sump at the fuel dispenser, the dispenser shuts down automatically and an alarm is sounded. If a problem is detected with a tank, the tank is automatically shut down and an alarm is sounded. If the product piping system detects a failure of the 0.1 gallons per hour (GPH) test, the line is automatically shut down and the alarm is sounded. Pursuant to federal requirements, monitoring equipment must be able to detect a minimum leak of 3 GPH (equivalent to the accuracy of a mechanical leak detector). By providing monitoring to a higher standard (0.1 vs. 3), Costco maintains a higher degree of safety than required by current federal requirements.

12. Each fuel dispenser includes several safety devices. Specifically, each dispenser sump is equipped with an automatic shutoff valve to protect against vehicle impact. In addition, each fuel hose includes a poppeted breakaway device that will stop the flow of fuel at both ends of the hose in the event of an accidental drive-off. Also, each dispenser is equipped with internal fire extinguishers. Lastly, all dispensers include leak detection sensors connected to the alarm console inside the controller enclosure.

Regulatory Agencies and Regulations

As described above, the Costco Wholesale retail fueling facility provides a significant number of features to reduce and control the potential for environmental health hazards. All systems to be installed are of the latest technology and meet or exceed all local, state, and federal regulations.

The following is a list of regulations and agencies that govern gasoline facilities and require specific permits or approvals. This list shows the magnitude of the regulatory environment that governs this industry.

1. California Fire Code, Chapters 22 and 34

2. California Code of Regulations Title 23, Division 3, Chapter 16 ("California Underground Storage Tank Regulations")

3. California Health and Safety Code, Chapter 6.7 ("Underground Storage of Hazardous Substances")

4. Environmental Protection Agency (EPA) Underground Storage Tank Regulations (Subpart D, 40 Code of Federal Regulations (CFR) Part 280)

5. Underwriters Laboratories, Inc. (UL)

6. National Fire Protection Agency (NFPA) Articles 30 and 30A, regarding Flammable and Combustible Liquids Code

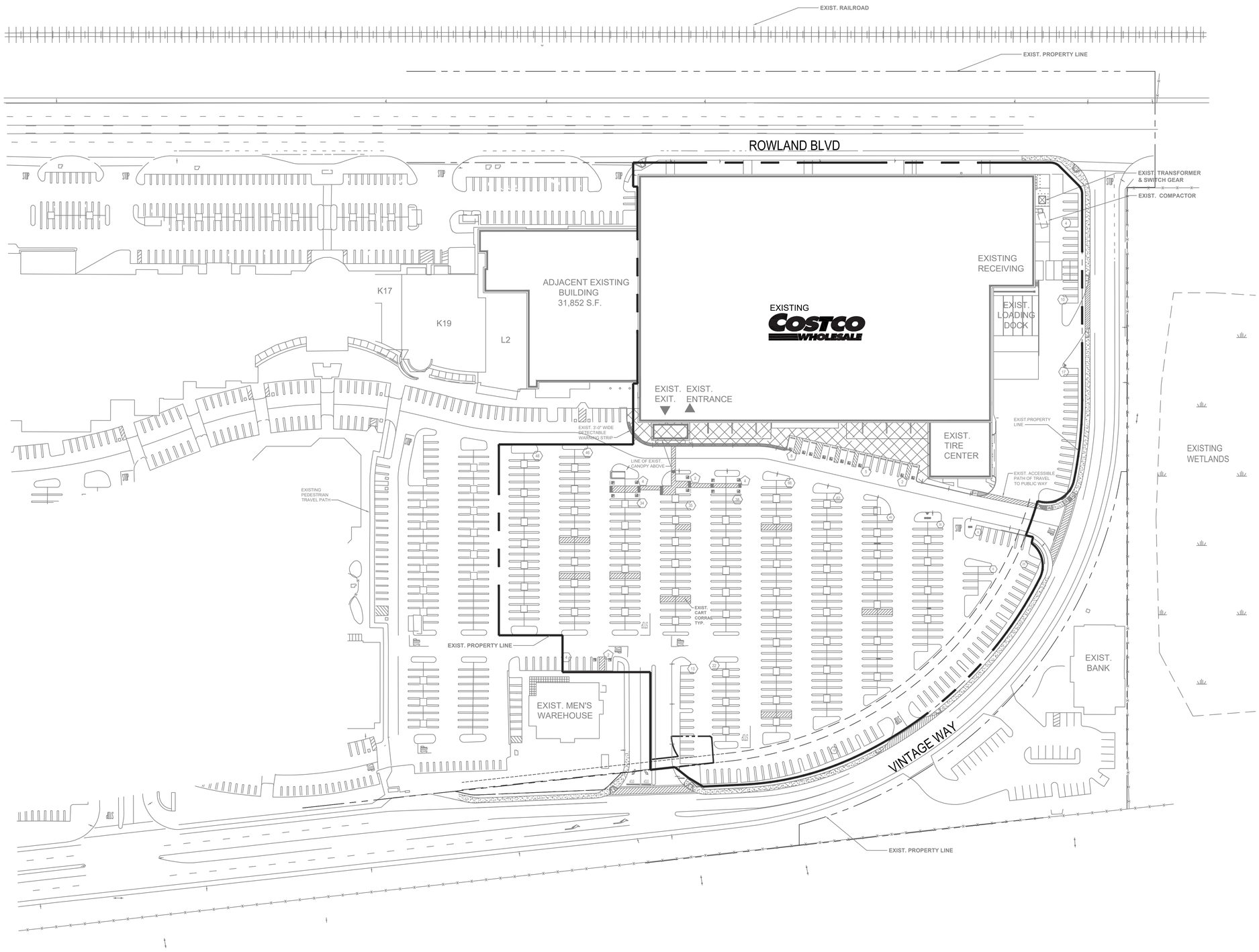
7. American Petroleum Institute (API) Recommended Practices for Installation of Underground Storage Systems

8. California Air Resources Board (CARB) Executive Orders and Procedures and Local Air Quality Management District Regulations

9. Local County Environmental Health Hazardous Materials Division, CUPA, which provides enforcement of the State Water Resources Control Board (SWRCB) Regulations

Appendix C

Site Plan Package



PROJECT DATA

CLIENT:	COSTCO WHOLESALE 999 LAKE DRIVE ISSAQUAH, WA 98027
PROJECT ADDRESS:	300 VINTAGE WAY NOVATO, CA 94945
LEASED SITE AREA:	9.74 ACRES (424,318 SF)
BOUNDARIES INFORMATION:	THIS PLAN HAS BEEN PREPARED BY USING SITE SURVEY FROM KIER & WRIGHT CIVIL ENGINEERS & SURVEYOR'S INC. DATED 04/2020.

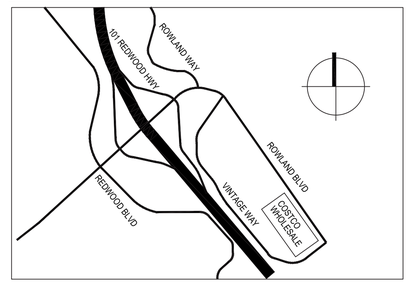
BUILDING DATA:	
EXIST. BUILDING AREA	144,661 S.F.
EXIST. TIRE CENTER	5,600 S.F.
TOTAL EXIST. BUILDING	150,261 S.F.

PARKING DATA:	
EXISTING PARKING :	
(#) 9' STALLS	547 STALLS
(#) 10' STALLS	4 STALLS
(#)HC HANDICAP STALLS	22 STALLS
TOTAL EXISTING PARKING	573 STALLS

NOTES:
EXISTING CONDITIONS TO BE FIELD VERIFIED.

0 30' 60' 120'
1" = 60'-0"

VICINITY MAP



MG2

APRIL 17, 2020
94-1530-20

NOVATO, CA FUEL FACILITY

EXISTING SITE PLAN

EX11

COSTCO WHOLESALE

ROWLAND BLVD

ADJACENT EXISTING BUILDING 31,852 S.F.

K17

K19

L2

EXISTING COSTCO WHOLESALE

EXISTING RECEIVING 54'-0"

EXIST. LOADING DOCK

EXIST. EXIT.

EXIST. ENTRANCE

EXIST. 3'-0" WIDE DETECTABLE WARNING STRIP

EXIST. TIRE CENTER

EXIST.PROPERTY LINE

EXIST. ACCESSIBLE PATH OF TRAVEL TO PUBLIC WAY

LINE OF EXIST. CANOPY ABOVE

EXISTING PEDESTRIAN TRAVEL PATH

SHIFT PARKING ISLAND 2 FT WEST TO ALLOW FOR PROPER DRIVE ISLE WIDTH BETWEEN FUEL FACILITY

EXIST. PROPERTY LINE

NEW FUEL FACILITY

EXIST. MEN'S WAREHOUSE

RELOCATE ENTRY DRIVE

EXIST. BANK

VINTAGE WAY

AREA OF WORK - SEE P11-08B

PROJECT DATA

CLIENT:	COSTCO WHOLESALE 999 LAKE DRIVE ISSAQUAH, WA 98027
PROJECT ADDRESS:	300 VINTAGE WAY NOVATO, CA 94945
LEASED SITE AREA:	9.74 ACRES (424,318 SF)
BOUNDARIES INFORMATION:	THIS PLAN HAS BEEN PREPARED BY USING SITE SURVEY FROM KIER & WRIGHT CIVIL ENGINEERS & SURVEYOR'S INC. DATED 10 / 2001.

BUILDING DATA:	
EXIST. BUILDING AREA	144,661 S.F.
EXIST. TIRE CENTER	5,600 S.F.
TOTAL EXIST. BUILDING	150,261 S.F.

FUEL FACILITY DATA:	
NEW CANOPY AREA	10,244 S.F.
TOTAL CANOPY AREA	10,244 S.F.

PARKING DATA:

EXISTING PARKING :

(#) 9' STALLS	547 STALLS
(#) 10' STALLS	4 STALLS
(#)HC HANDICAP STALLS	22 STALLS
TOTAL EXISTING PARKING	573 STALLS

PROPOSED PARKING :

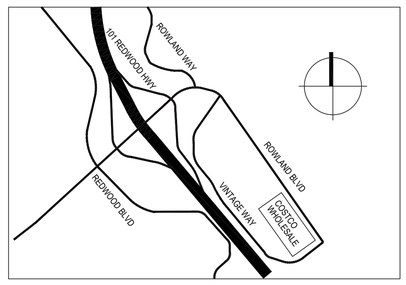
(#) 9' STALLS	418 STALLS
(#) 10' STALLS	4 STALLS
(#)HC HANDICAP STALLS	22 STALLS
ROWLAND BLVD STALLS	196 STALLS
TOTAL PROPOSED PARKING	640 STALLS

NOTES:
EXISTING CONDITIONS TO BE FIELD VERIFIED.
CURRENT REA REQUIRES 4.25 STALLS PER 1,000 S.F.

0 20' 40' 80'

1" = 40'-0"

VICINITY MAP



MG2

APRIL 17, 2020
94-1530-20

NOVATO, CA FUEL FACILITY

PRELIMINARY SITE PLAN

P11-08A

COSTCO WHOLESALE

STRIPING FOR FUEL TRUCK ROUTE

COMMUNICATION CONDUIT TO WAREHOUSE

TRANSFORMER

CONTROLLER ENCLOSURE

EMERGENCY SHUT-OFF

EMERGENCY SHUT-OFF

LANDSCAPING

ARID PERMEATOR

EXISTING PARKING STRIPING AND PLANTER, TYP.

STRIPED CONCRETE FUEL TRUCK AREA

24'-0"

36'-0"

24'-0"

10'-0"

LANDSCAPING

RE-ALIGNED PARKING STALLS AND LANDSCAPE PLANTERS

RELOCATED ENTRY DRIVE

LANDSCAPING

30'-0"

DO NOT ENTER STOP

DO NOT ENTER STOP

DO NOT ENTER STOP

DO NOT ENTER STOP

58'-0"

68'-0"

126'-0"

CANOPY ABOVE

108'-2"

(3) 40K GASOLINE UST'S
(1) 1.5K ADDITIVE UST

TRAFFIC CONTROL STRIPING AND DEVICES

39'-6"

LANDSCAPING

SIDEWALK

BIOSWALE, SEE CIVIL

28'-0"

96'-6"

68'-6"

CANOPY ABOVE

EASEMENT

LANDSCAPING

EMERGENCY SHUT-OFF

CANOPY

(14) MULTI-PRODUCT DIPSENSERS

EXISTING PROPERTY LINE

DN

DN

DN

EXIST. BANK

0 7.5' 15' 30'

1" = 15'

ST

MG2

APRIL 17, 2020
94-1530-20

NOVATO, CA FUEL FACILITY

ENLARGED SITE PLAN

P11-08B

COSTCO WHOLESALE

EXIST. ACCESSIBLE PATH OF TRAVEL TO PUBLIC WAY

DEMO EXISTING LANDSCAPE ISLAND & ASSOCIATED EQUIP.

RELOCATE EXISTING FIRE HYDRANT

REMOVE EXISTING SITE PAINT

DEMO EXISTING SIGNAGE

REMOVE EXISTING PARKING STALL STRIPING, TYP

DEMO EXISTING CURB, TYP

DEMO EXISTING CURB, TYP

EXISTING EASEMENT

DEMO EXIST. PLANTERS, TYP.

DEMO FOR TANK PIT

EXISTING PROPERTY LINE

REMOVE AND RELOCATE EXISTING SITE LIGHT POLE, TYP

REMOVE AND RE-ALIGN EXISTING PARKING STRIPING AND PLANTERS

DEMO EXIST. PARKING, CURBS & ASSOCIATED EQUIP.

DEMO EXISTING CURBS AND DRIVE

DEMO EXISTING CURB RAMP

REMOVE EXISTING SITE PAINT

DEMO EXISTING SIDEWALK AND CURB RAMP

EXIST. BANK

EXIST. CORRAL (TYP.

STOP

0 10' 20' 40'

1" = 20'-0"

MG2

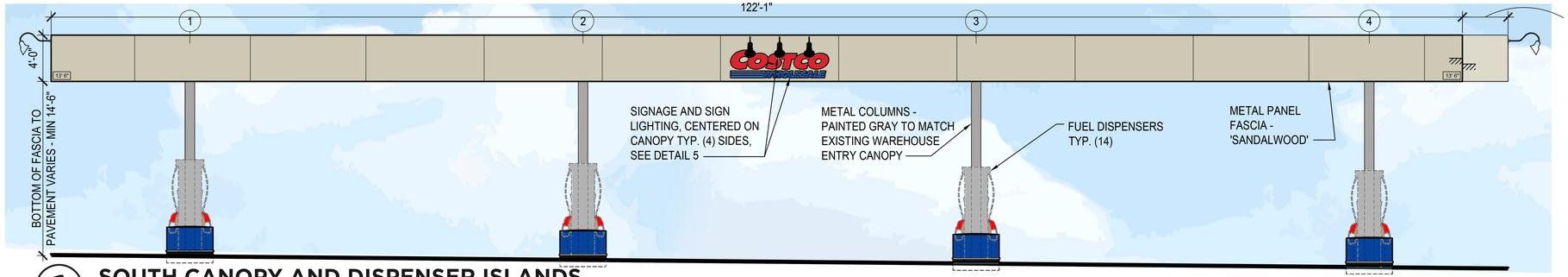
APRIL 17, 2020
94-1530-20

NOVATO, CA FUEL FACILITY

PROPOSED DEMO PLAN

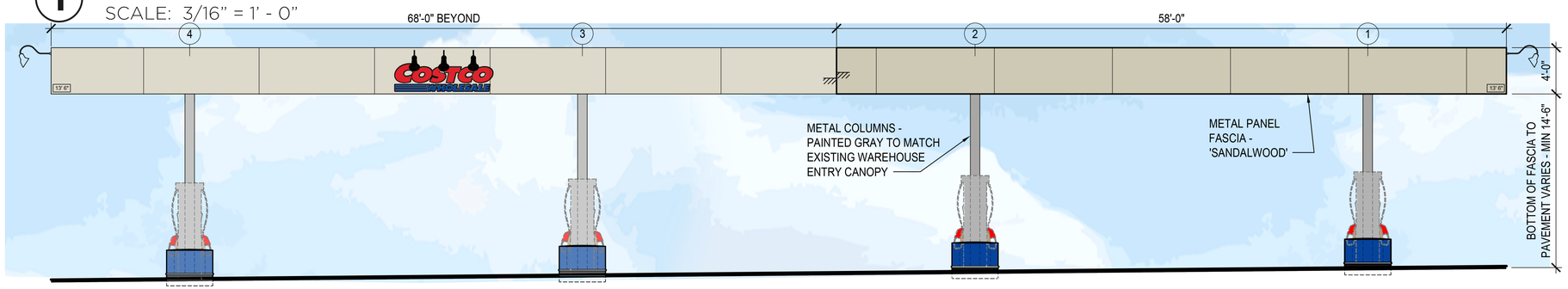
P11-08C

COSTCO WHOLESALE



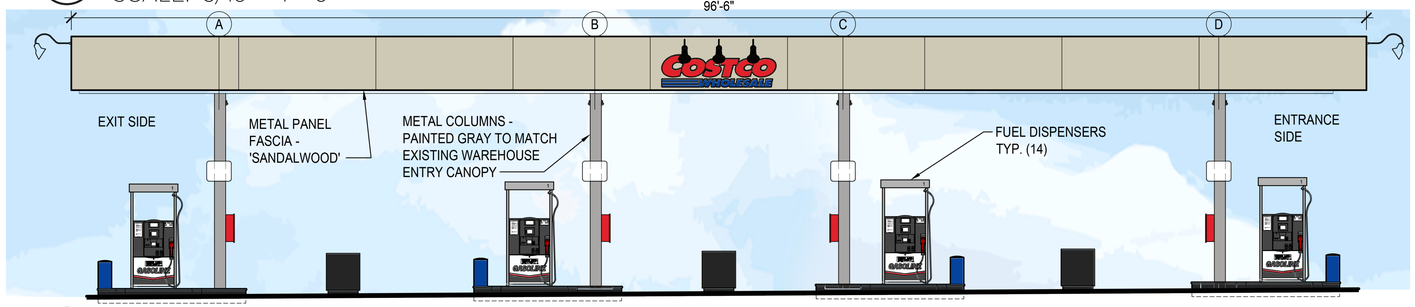
1 SOUTH CANOPY AND DISPENSER ISLANDS

SCALE: 3/16" = 1' - 0"



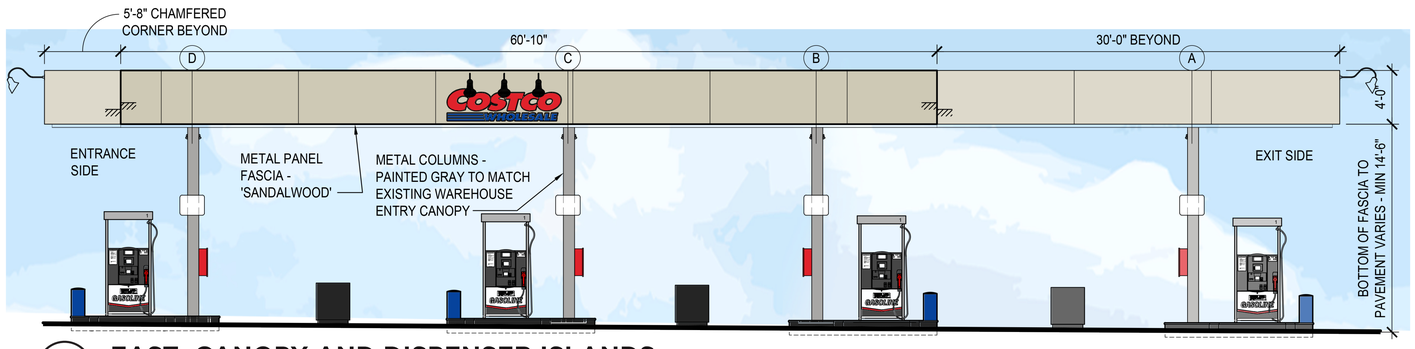
2 NORTH CANOPY AND DISPENSER ISLANDS

SCALE: 3/16" = 1' - 0"



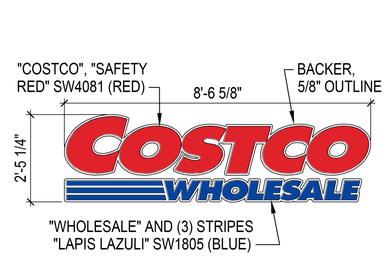
3 WEST CANOPY AND DISPENSER ISLANDS

SCALE: 3/16" = 1' - 0"



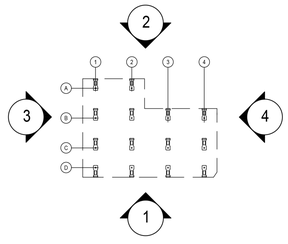
4 EAST CANOPY AND DISPENSER ISLANDS

SCALE: 3/16" = 1' - 0"



5 CANOPY SIGN

SCALE: 1/2" = 1' - 0"



6 KEY PLAN

NTS

'COSTCO'
SW 4081
'SAFETY RED'

STRIPE AND 'WHOLESALE'
SW 1805
'LAPIS LAZULI'

CANOPY FASCIA
'SANDALWOOD'

PAINTED COLUMN
'MESA GRAY'

SIGNAGE AREA TABULATION (FASICA SIGNS)				
QTY.	SIGN	SIZE	AREA (S.F.) EA.	TOTAL S.F.
4	COSTCO WHOLESALE	2'-5 1/4" x 8'-6 5/8"	21 S.F.	84 S.F.
			TOTAL SIGNAGE AREA	84 S.F.

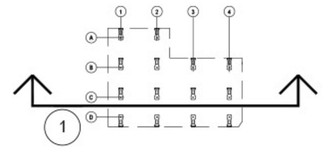
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APRIL 17, 2020
94-1530-20

NOVATO, CA FUEL FACILITY

CONCEPT ELEVATIONS

P31-04



KEY PLAN



1 CROSS SECTION
SCALE: 1/16" = 1' - 0"

MG2

APRIL 17, 2020
94-1530-20

NOVATO, CA FUEL FACILITY

CONCEPT CROSS SECTION

P32-04

COSTCO WHOLESALE





NOTES

1. THIS SURVEY WAS PREPARED FROM INFORMATION FURNISHED IN A PRELIMINARY TITLE REPORT, PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY NATIONAL COMMERCIAL SERVICES DATED AS OF JULY 18, 2013, ORDER NUMBER NCS-607481-WA1, AMENDED, FURNISHED TO KIER & WRIGHT CIVIL ENGINEERS & SURVEYORS, INC. BY COSTCO WHOLESALE CORPORATION ON JULY 18, 2013. NO LIABILITY IS ASSUMED FOR MATTERS OF RECORD NOT STATED IN SAID REPORT THAT MAY AFFECT THE TITLE LINES, OR EXCEPTIONS, OR EASEMENTS OF THE PROPERTY.

2. ALL DISTANCES SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.

3. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. (A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES). HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.

4. PHYSICAL ITEMS SHOWN ON THIS SURVEY ARE LIMITED TO THOSE ITEMS VISIBLE AS OF THE DATE OF THIS SURVEY. SUBSURFACE STRUCTURES, IF ANY, ARE NOT SHOWN. SAID SUBSURFACE OBJECTS MAY INCLUDE, BUT ARE NOT LIMITED TO, CONCRETE FOOTINGS, SLABS, SHORING, STRUCTURAL PILES, UTILITY VAULTS, PIPING, UNDERGROUND TANKS, AND ANY OTHER SUBSURFACE STRUCTURES NOT REVEALED BY A SURFACE INSPECTION.

5. THE SUBJECT PROPERTY IS SHOWN ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FLOOD INSURANCE RATE MAP (FIRM) FOR MARIN COUNTY, CALIFORNIA, MAP NUMBER 06041C0283E FOR COMMUNITY NUMBER 060178 (CITY OF NOVATO), WITH AN EFFECTIVE DATE OF MARCH 16, 2016, AS BEING LOCATED IN FLOOD ZONES: "X (GRAY)", "X (TAN)" AND "AE (EL 10)".

   ACCORDING TO FEMA THE DEFINITION OF ZONE "X (GRAY)" IS: FUTURE CONDITIONS 1% ANNUAL CHANCE FLOOD HAZARD.

   ACCORDING TO FEMA THE DEFINITION OF ZONE "X (TAN)" IS: 0.2% ANNUAL CHANCE FLOOD HAZARD, AREAS OF 1% ANNUAL CNAHCE FLOOD WITH AVERAGE DEPTH OF LESS THAN ONE FOOT OR WITH DRAINAGE AREAS OF LESS THAT ONE SQUARE MILE.

   ACCORDING TO FEMA THE DEFINITION OF ZONE "AE (EL 10)" IS: WITH BFE OR DEPTH (BFE = BASE FLOOD ELEVATION).

   THE APPROXIMATE LOCATION OF THE FEMA FLOOD ZONE LINES SHOWN HEREON HAVE BEEN GRAPHICALLY SCALED AND PLOTTED FROM THE ABOVE REFERENCED FIRM.

   INFORMATION WAS OBTAINED FROM FEMA (WWW.FEMA.GOV) ON JANUARY 10, 2020.

   FEMA BASE FLOOD ELEVATIONS ARE BASED ON NAVD88 DATUM. SEE BENCHMARK NOTE FOR DATUM CONVERSIONS.

6. BENCHMARK: NGS BENCHMARK X 481 RESET 1974. ELEV=4.80'. (NGVD 1929). FROM THE ROWLAND AVENUE OVERCROSSING OF U.S. 101, IN NOVATO, 0.25 MILES SOUTH, 20± FEET WEST OF THE WESTERLY FREEWAY FENCE, AT THE NORTHEAST CORNER OF A CONCRETE HEADWALL FOR A TIDAL GATE AT THE SOUTH END OF A LAGOON.

   ELEVATIONS SHOWN HEREON ARE BASED ON NGVD29 DATUM. TO CONVERT TO NAVD88 DATUM ADD 2.684 TO THE ELEVATIONS SHOWN HEREON. DATUM CONVERSION WAS OBTAINED FROM THE NGS VERTCON WEBSITE (WWW.NGS.NOAA.GOV/CGI-BIN/VERTCON/VERT_CON.PRL).

7. THE AERIAL MAPPING WAS PREPARED USING COMPUTER ASSISTED, PHOTOGRAMMETRIC METHODS BY COOPER AERIAL, IN PHOENIX, ARIZONA. JOB NUMBER 1912044. IN AREAS OF DENSE VEGETATION, ACCURACY OF CONTOURS MAY DEVIATE FROM ACCEPTED ACCURACY STANDARDS. DATE OF PHOTOGRAPHY 12-31-2019, ORIGINAL COMPILED MAP SCALE 1"=40', CONTOUR INTERVAL 1 FOOT. THE GRID IS BASED ON ASSUMED COORDINATES. CONTROL SURVEY PERFORMED BY KIER & WRIGHT, SANTA CLARA, CA.

8. BASIS OF BEARINGS:
   THE BEARING OF SOUTH 32°26'55" EAST TAKEN ON THE MONUMENT LINE OF ROWLAND BLVD AS SHOWN ON THAT CERTAIN PARCEL MAP FILED FOR RECORD ON AUGUST 26, 1992, IN BOOK 25 OF PARCEL MAPS AT PAGE 39, OFFICIAL RECORDS OF MARIN COUNTY WAS TAKEN AS THE BASIS FOR ALL BEARINGS SHOWN HEREON. ALL BOUNDARY DISTANCES SHOWN HEREON ARE GRID DISTANCES PER SAID MAP; MULTIPLY DISTANCES SHOWN BY 1.0000546 TO OBTAIN GROUND LEVEL DISTANCES.

9. CORNER RECORD NOTE:
   THE DEVELOPER AND/OR CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION AND FILING OF PRE-CONSTRUCTION AND POST-CONSTRUCTION CORNER RECORDS FOR ANY MONUMENTS OR PROPERTY CORNERS SHOWN HEREON THAT MAY BE DESTROYED DURING IMPROVEMENTS TO THE SUBJECT PROPERTY AS DEFINED IN SECTION 8771(B) OF THE PROFESSIONAL LAND SURVEYORS ACT.

TOPOGRAPHIC SURVEY CERTIFICATION

TO COSTCO WHOLESALE CORPORATION:

PROJECT NAME AND LOCATION: COSTCO WHOLESALE, 300 VINTAGE WAY, NOVATO CALIFORNIA

I HEREBY CERTIFY TO COSTCO WHOLESALE CORPORATION THAT THIS SURVEY HAS BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION IN ACCORDANCE WITH THE TOPOGRAPHIC REQUIREMENTS AS SET FORTH BY COSTCO WHOLESALE CORPORATION, AND THAT THE SURVEY WAS ACTUALLY MADE UPON THE GROUND.

02/13/2020
PREPARED BY OR UNDER THE SUPERVISION OF DATE
RODNEY A. STEWART II P.L.S. 9225

LICENSED LAND SURVEYOR
RODNEY A. STEWART II
No. 9225
STATE OF CALIFORNIA

LEGEND

- ASPHALT BERM
- BUILDING LINE
- BARRICADE
- CIP — CAST IRON PIPE
- CENTERLINE
- CONCRETE/BLOCK/RETAINING Wall
- CONCRETE CURB
- CONCRETE CURB & GUTTER
- 100 — CONTOUR LINE
- 100 — OBSCURED CONTOUR LINE
- EASEMENT LINE
- E — EDGE OF PAVEMENT
- E — ELECTRIC LINE
- FO — FIBER OPTICS LINE
- LOT LINE
- MONUMENT/MONUMENT LINE
- ABBUTER'S RIGHTS RELINQUISHED
- OH — OVERHEAD POWER LINE
- PROPERTY LINE
- SS — SANITARY SEWER OVER 24"DIAMETER
- SIDEWALK
- 100.00 — SPOT ELEVATION
- SD — STORM DRAIN OVER 24"DIAMETER
- W — WATER LINE & VALVE
- AUTOMATIC SPRINKLER RISER
- BACKFLOW PREVENTION DEVICE
- ELECTROLIER
- FIRE DEPARTMENT CONNECTION
- FIRE HYDRANT
- GAS METER
- POST INDICATOR VALVE
- POWER POLE/JOINT POLE
- TRANSFORMER
- TRAFFIC SIGNAL POLE
- TRAFFIC SIGN
- 12" TIR — TREE
- UTILITY BOX
- UTILITY LINE MARKER
- WALK-BOLLARD LIGHT
- WATER VALVE
- DRAIN INLET

ABBREVIATIONS

AP	ACCESSIBLE PARKING
CB	CATCH BASIN
DI	DRAIN INLET
EB	ELECTRIC BOX
FF	FINISH FLOOR
SDMH	STORM SEWER MANHOLE
SSMH	SANITARY SEWER MANHOLE
MON	MONUMENT
NO.	NUMBER
TC	TOP OF CURB
P	PAVEMENT
BW	BACK OF WALK
EW	EDGE OF WALK
LIP	CONCRETE LIP

NO.	REVISION	BY

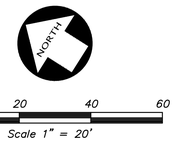
KIER+WRIGHT
2995 Prospect Park Drive, Ste. 100 Phone: (916) 970-5784
Rancho Cordova, CA 95670 www.kierwright.com

TOPOGRAPHIC SURVEY
OF
NOVATO COSTCO FUEL CENTER
FOR
COSTCO WHOLESALE CORPORATION
CALIFORNIA
NOVATO,

DATE	FEB. 12, 2020
SCALE	1" = 20'
DESIGNER	RAS III
DRAWN BY	AGR
JOB NO.	97544-11
SHEET	C1.0
OF 5	SHEETS

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LEGEND

- EXISTING CURB & LANDSCAPE ISLAND TO BE REMOVED
- EXISTING AC PAVEMENT TO BE REMOVED
- EXISTING CONCRETE TO BE REMOVED
- EXISTING LANDSCAPING TO BE REMOVED
- SAWCUT LINE
- EXISTING TREE TO BE REMOVED
- UNDERGROUND UTILITIES TO BE REMOVED
- UNDERGROUND UTILITIES TO BE ABANDONED
- PLUG AND CAP END
- 1 EXISTING TREE OR BUSHES TO BE REMOVED
- 2 REMOVE CONCRETE CURB
- 3 REMOVE CURB, IRRIGATION AND LANDSCAPING IN PARKING ISLAND
- 4 REMOVE CONCRETE SIDEWALK
- 5 PROTECT EXISTING 24" STORM DRAIN LINE IN PLACE
- 6 REMOVE EXISTING CART CORRAL
- 7 REMOVE IRRIGATION & LANDSCAPING
- 8 RELOCATE EXISTING SIGN
- 9 PROTECT EXISTING ELECTRICAL VAULT/BOX/CABINET IN PLACE
- 10 REMOVE EXISTING SITE LIGHTING
- 11 PROTECT EXISTING STORM DRAIN CATCH BASIN IN PLACE
- 12 REMOVE EXISTING ELECTRICAL BOX AND/OR CONDUIT
- 13 CAP EXISTING ELECTRICAL CONDUIT
- 14 REMOVE EXISTING FIRE HYDRANT AND VALVE, SALVAGE FOR REUSE

NO.	REVISION	BY

NO.	REVISION	BY

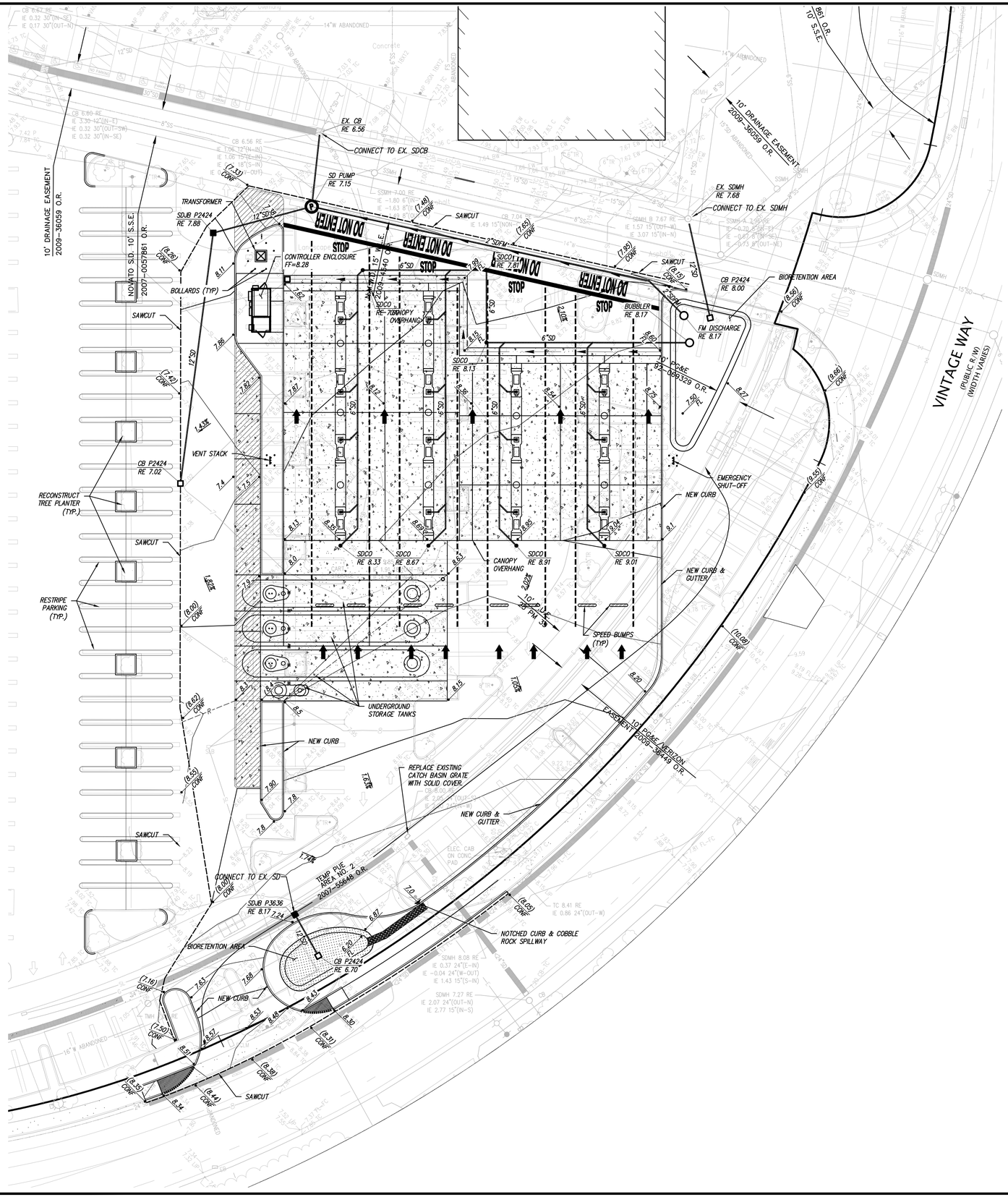
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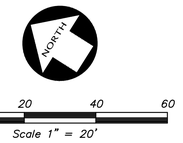
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Rancho Cordova, CA 95670 www.kierwright.com

PRELIMINARY DEMOLITION PLAN
OF
NOVATO COSTCO FUEL CENTER
FOR
COSTCO WHOLESALE CORPORATION
NOVATO, CALIFORNIA

DATE	APRIL, 2020
SCALE	AS SHOWN
DESIGNER	JNM
DRAWN BY	DJH
JOB NO.	97544-11
SHEET	C2.0
OF	5 SHEETS

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LEGEND

- AREA DRAIN
- STORM DRAIN CATCH BASIN
- STORM DRAIN JUNCTION BOX
- STORM DRAIN MANHOLE
- FL — FLOW LINE
- FF — FINISH FLOOR
- PV — PAVEMENT
- RE — RIM ELEVATION
- 23.8 — SPOT ELEVATION
- X"SD — STORM DRAIN LINE
- TC — TOP OF CURB

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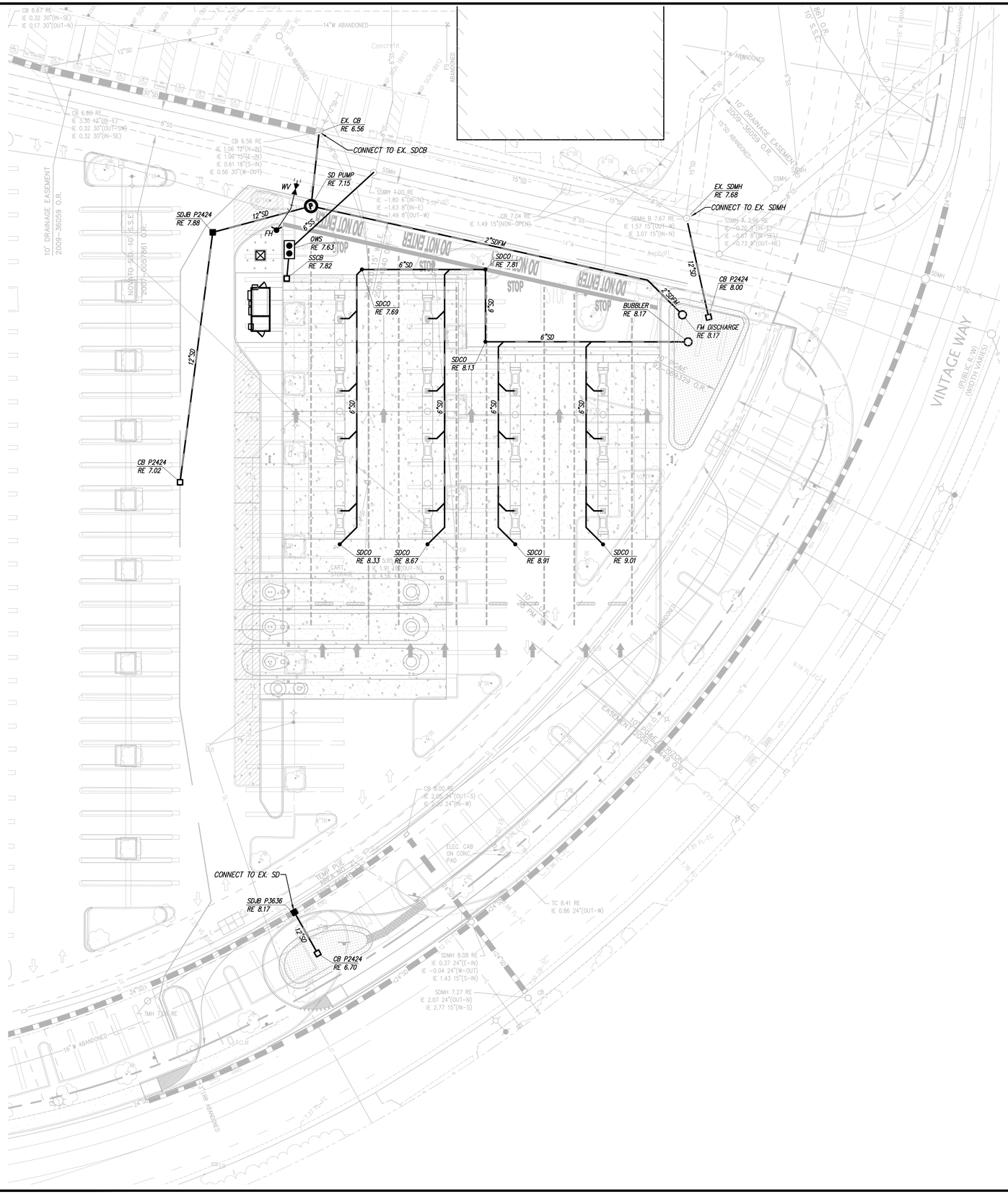
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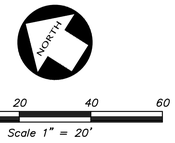
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PRELIMINARY GRADING AND DRAINAGE PLAN
OF
NOVATO COSTCO FUEL CENTER
FOR
COSTCO WHOLESALE CORPORATION
NOVATO, CALIFORNIA

DATE	APRIL, 2020
SCALE	AS SHOWN
DESIGNER	JNM
DRAWN BY	DJH
JOB NO.	97544-11
SHEET	C3.0
OF 5	SHEETS

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LEGEND

ASR	AUTOMATIC SPRINKLER RISER
RE	RIM ELEVATION
TC	TOP OF CURB
WS	WATER SERVICE
-X-X-	EXISTING UTILITY TO BE ABANDONDED BY REMOVAL
FS	FIRE SERVICE
SS	SANITARY SEWER
COTG	CLEANOUT TO GRADE
	STORM DRAIN LINE
	AREA DRAIN
	STORM DRAIN CATCH BASIN
	STORM DRAIN JUNCTION BOX
	STORM DRAIN MANHOLE
	BACK FLOW PREVENTION DEVICE
	FIRE DEPARTMENT CONNECTION
	FIRE HYDRANT & VALVE
	POST INDICATOR VALVE
SSMH	SANITARY SEWER MANHOLE
	SINGLE CHECK VALVE
SDMH	STORM DRAIN MANHOLE
	WATER METER

NO.	REVISION	BY

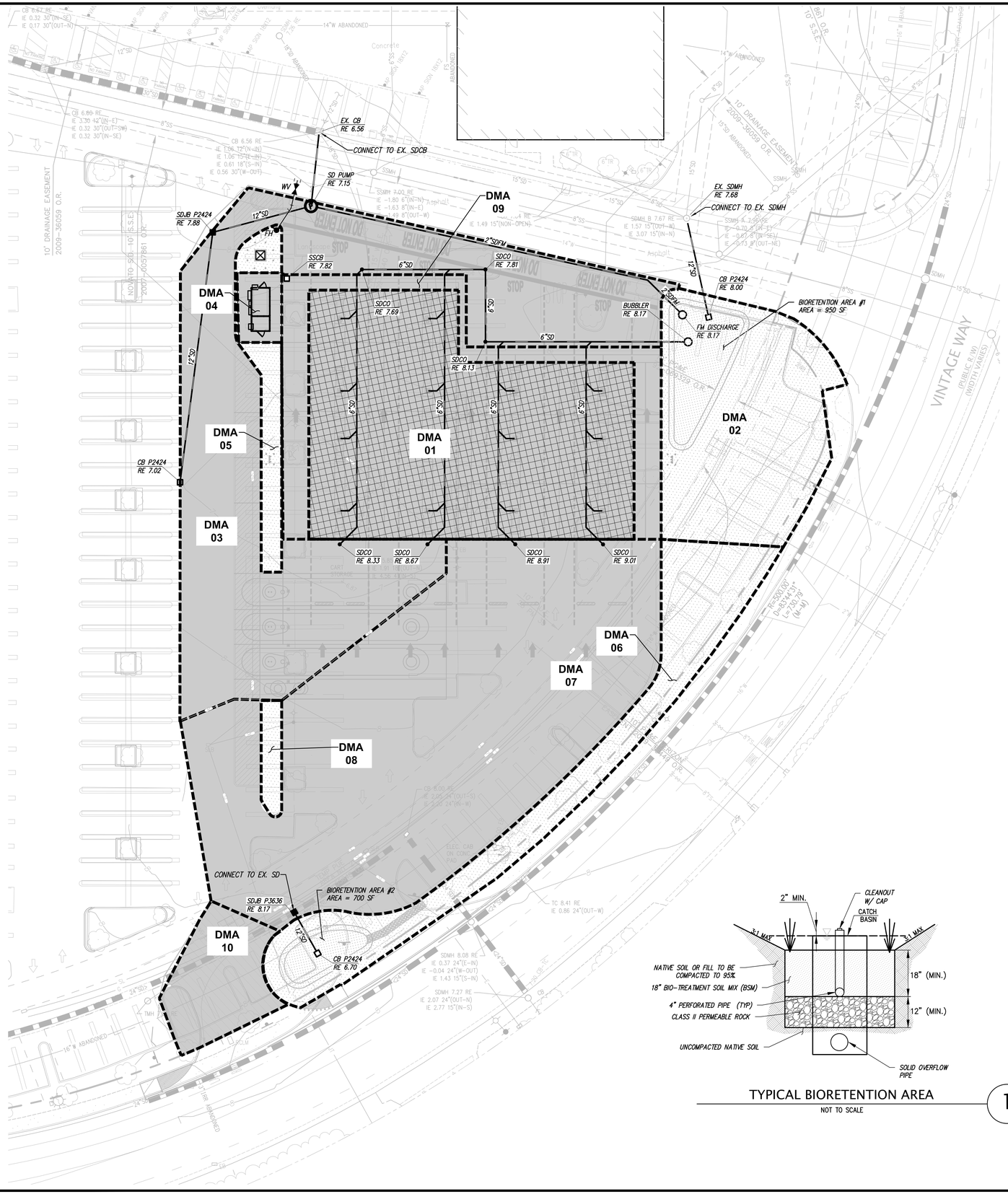
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PRELIMINARY UTILITY PLAN
OF
NOVATO COSTCO FUEL CENTER
FOR
COSTCO WHOLESALE CORPORATION
NOVATO, CALIFORNIA

DATE	APRIL, 2020
SCALE	AS SHOWN
DESIGNER	JNM
DRAWN BY	DJH
JOB NO.	97544-11
SHEET	C4.0
OF	5 SHEETS

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TYPICAL BIORETENTION AREA

NOT TO SCALE

1

NORTH

0 10 20 40 60

Scale 1" = 20'

LEGEND

- TRIBUTARY AREA LIMITS
- LANDSCAPE AREA
- IMPERVIOUS ROOFTOP DRAINING TO BIO-SWALE
- IMPERVIOUS PAVEMENT DRAINING TO BIO-SWALE
- BIO-RETENTION TREATMENT AREA
- CONCRETE AREA

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Required Bioretention Surface Area (SF) *	Provided Bioretention Surface Area (SF)	Facility Name: Bioretention Area #1
01	10,255	Roof	1.0	10,255	410	-	
02	1,478	Landscape	0.1	148	6	-	
03	12,588	Paving	1.0	12,588	504	-	
04	459	Paving	1.0	459	18	-	
05	1,051	Landscape	0.1	105	4	-	
TOTAL	14,098			23,555	942	950	

* The required area for each bioretention facility is found by summing up the contributions of each tributary DMA - adjusted using the runoff factors in Table 4-1 of the BASMAA Post-Construction Manual - and multiplying by a sizing factor of 0.04. This sizing method is being utilized per the direction of the BASMAA Post-Construction Manual, which provides design guidance for Stormwater Treatment and Control for projects in Marin County.

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Required Bioretention Surface Area (SF) *	Provided Bioretention Surface Area (SF)	Facility Name: Bioretention Area #2
06	4,010	Landscape	0.1	401	16	-	
07	16,999	Paving	1.0	16,999	680	-	
08	342	Landscape	0.1	34	1	-	
TOTAL	21,351			17,434	697	700	

* The required area for each bioretention facility is found by summing up the contributions of each tributary DMA - adjusted using the runoff factors in Table 4-1 of the BASMAA Post-Construction Manual - and multiplying by a sizing factor of 0.04. This sizing method is being utilized per the direction of the BASMAA Post-Construction Manual, which provides design guidance for Stormwater Treatment and Control for projects in Marin County.

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Facility Name: Oil/Water Separator
09	12,936	Paving	1.0	12,936	DMA 09 drains to Sanitary Sewer and is treated by an oil/water separator. 10,255 SF of DMA 09 is covered by a canopy, which drains to the Storm Drain System.
TOTAL	12,936			12,936	

Per guidance from Section SC-20 of the CASQA Stormwater Best Management Practice Handbook, all runoff from the fueling area is collected and conveyed through an oil/water separator and connected to the existing sanitary sewer system existing on-site, which drains to the public sanitary sewer system off-site.

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Required Bioretention Surface Area (SF) *	Provided Bioretention Surface Area (SF)	Facility Name: Untreated
10	1,729	Paving	1.0	1,729	69	-	
TOTAL	1,729			1,729	69	-	

* The required area for each bioretention facility is found by summing up the contributions of each tributary DMA - adjusted using the runoff factors in Table 4-1 of the BASMAA Post-Construction Manual - and multiplying by a sizing factor of 0.04. This sizing method is being utilized per the direction of the BASMAA Post-Construction Manual, which provides design guidance for Stormwater Treatment and Control for projects in Marin County.

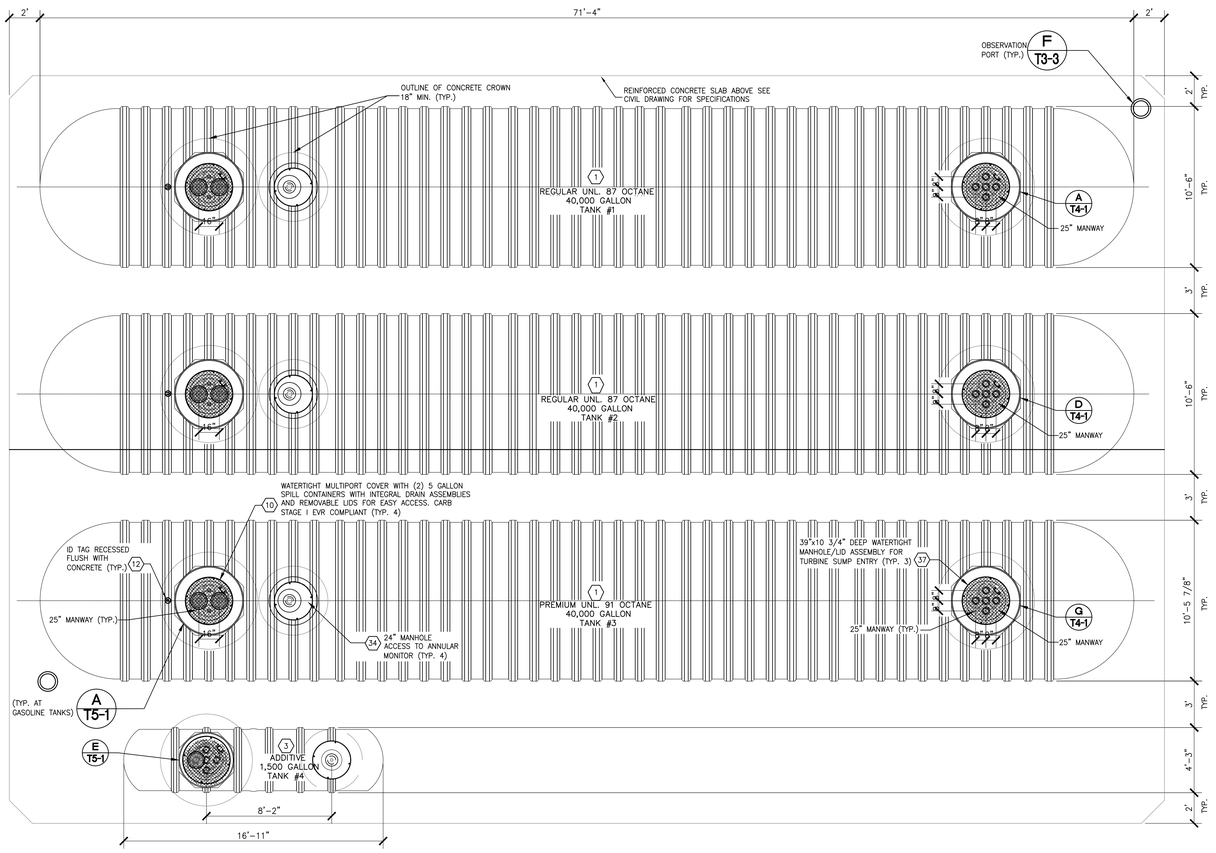
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KIER+WRIGHT
2995 Prospect Park Drive, Ste. 100 Phone: (916) 970-5784
Rancho Cordova, CA 95670 www.kierwright.com

PRELIMINARY STORMWATER QUALITY CONTROL PLAN
OF
NOVATO COSTCO FUEL CENTER
FOR
COSTCO WHOLESALE CORPORATION
NOVATO, CALIFORNIA

DATE	APRIL, 2020
SCALE	AS SHOWN
DESIGNER	JNM
DRAWN BY	DJH
JOB NO.	97544-11
SHEET	C5.0
OF	5 SHEETS

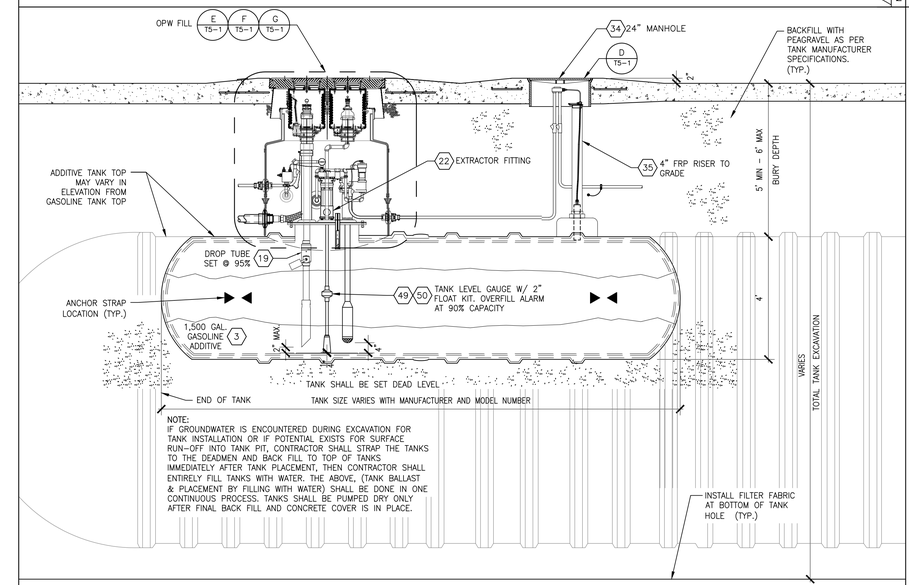
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A T3-1 Typical Tank Field Layout Plan

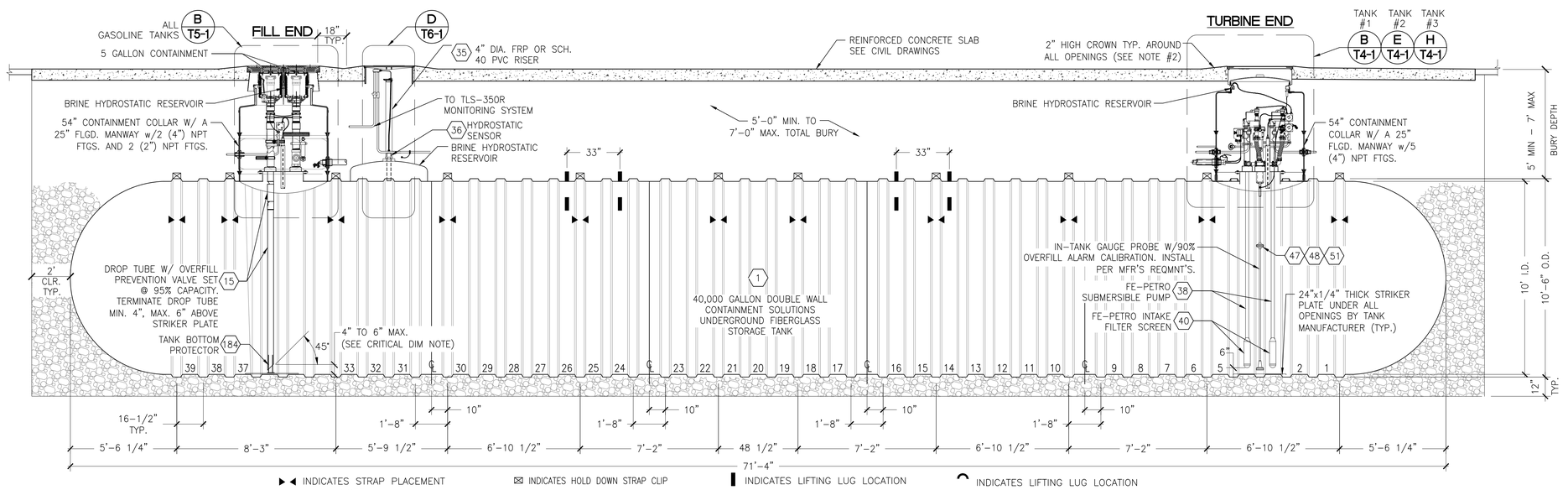
SCALE: 1/4"=1'-0"

TANK(S):
SHALL BE UNDERWRITERS LABORATORY LISTED (UL-1316) AS CALLED FOR ON THE SITE SPECIFIC DRAWING OR AS DESIGNATED ON THE SUPPLEMENTAL CONDITIONS AND SHALL BE DOUBLE WALL TANKS OF FIBERGLASS REINFORCED PLASTIC (FRP) AS MANUFACTURED BY "CONTAINMENT SOLUTIONS". INSTALLATION OF TANKS AND PIPING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE INSTALLATION SPECIFICATION AS PROVIDED BY COSTCO WHOLESALE, AND MANUFACTURER'S INSTRUCTIONS.



C T3-1 1,500 Gallon Gasoline Additive Tank Section

SCALE: 1/2" = 1'-0"



▶◀ INDICATES STRAP PLACEMENT ⊠ INDICATES HOLD DOWN STRAP CLIP ▌ INDICATES LIFTING LUG LOCATION ◠ INDICATES LIFTING LUG LOCATION

NOTE:
THE TANK FILL END SHALL BE INSTALLED ONE INCH LOWER IN ELEVATION THAN THE TANK TURBINE END.

DROP TUBE CRITICAL DIMENSION:
4" TO 6" MAX. (FROM TOP OF CUT TO TANK BOTTOM) THIS DIMENSION IS CRITICAL AND MUST BE ADHERED TO. CONTRACTOR WILL BE REQUIRED TO REINSTALL AT OWN EXPENSE OR WILL BE BACK CHARGED FOR EXPENSE TO CORRECT INCONSISTENCIES.

NOTE: CONTRACTOR SHALL VERIFY EXACT STRAP SPACING WITH TANK MANUFACTURER PRIOR TO HOLD DOWN CONSTRUCTION.

B T3-1 Gasoline 40,000 Gallon Tank Section

SCALE: 3/8"=1'-0"

NOTE: ACTUAL BENCH AND SLOPE CONDITIONS TO BE EVALUATED BY CONTRACTOR'S COMPETENT PERSON IN ACCORDANCE WITH ALL APPLICABLE SAFETY ORDINANCES AND CODES. WHERE BENCH IS NOT CONSTRUCTED AS SHOWN DUE TO UNSTABLE SOIL CONDITIONS OR SAFETY CONSIDERATIONS, SIDEWALL CLEARANCE TO THE TANKS MUST BE INCREASED FROM 2'-0" TO 5'-0" PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.

NOTE:
1. THE TANK FILL END SHALL BE INSTALLED ONE INCH LOWER IN ELEVATION THAN THE TANK TURBINE END.
2. CONTRACTOR SHALL VERIFY EXACT STRAP SPACING WITH TANK MANUFACTURER PRIOR TO HOLD DOWN CONSTRUCTION.
3. BACKFILL TO MEET CLEAN FILL REQUIREMENTS PER RMC 15.24.095.
4. GEOMEMBRANE TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND BY CERTIFIED INSTALLER.

REVIEWED FOR CODE COMPLIANCE BY COASTLAND CIVIL ENGINEERING, INC. IN ACCORDANCE WITH CBC §107.3.1 AS AMENDED BY THE LOCAL AGENCY.

No.	Date	By	Revision
5	03/30/21	JM/RH	OV | JSG | ELECTRICAL COMMENTS

Title: UNDERGROUND TANK DETAILS
FIBERGLASS TANK INSTALLATION DETAILS
280 VINTAGE WAY
NOVATO, CALIFORNIA 94945
COSTCO GASOLINE FACILITY #141

For: CostcoGASOLINE
COSTCO WHOLESALE
999 LAKE DRIVE
ISSAQUAH, WA 98027

MASTER RELEASE
CA AB-2481
DATE: 08/10/2020 CA FRP

LICENSED PROFESSIONAL ENGINEER
HAL P. GRUBB
67814
CIVIL
STATE OF CALIFORNIA
9/22/21

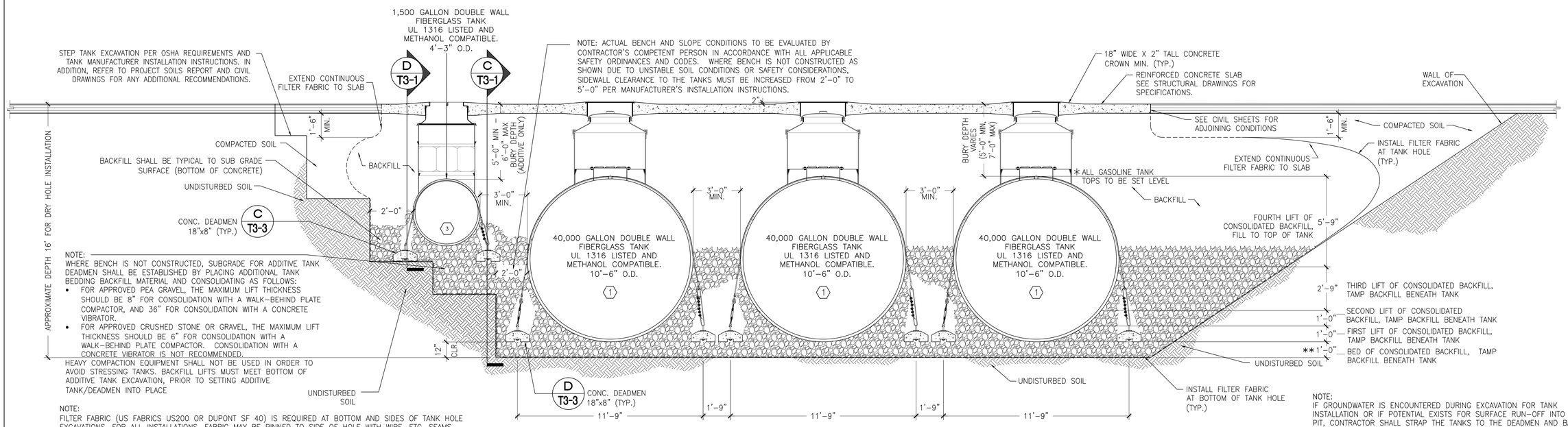
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Designed OV
Drawn AL/RF
Checked OV
Approved JSG
Date 11/24/20

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Job Number 07785
Sheet T3-1

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NOTE:
FILTER FABRIC (US FABRICS US200 OR DUPONT SF 40) IS REQUIRED AT BOTTOM AND SIDES OF TANK HOLE EXCAVATIONS, FOR ALL INSTALLATIONS. FABRIC MAY BE PINNED TO SIDE OF HOLE WITH WIRE, ETC. SEAMS MUST BE LAPPED 1' MINIMUM.

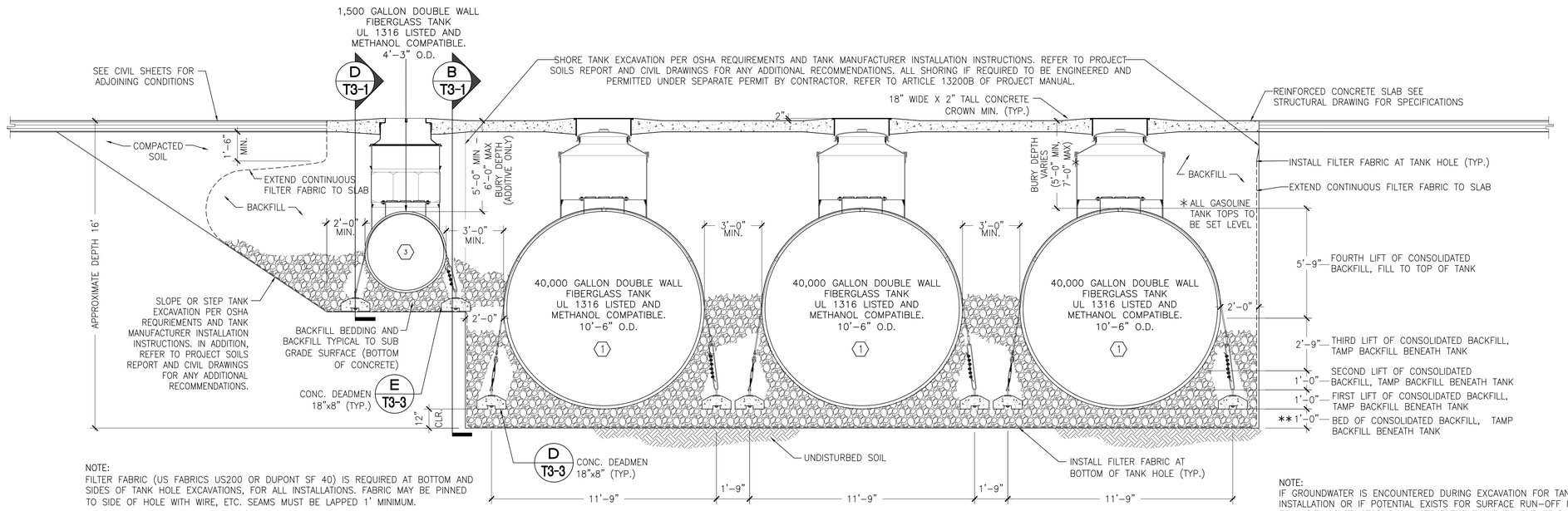
NOTE:
DEADMEN ARE TO BE PRE CAST ABOVE GROUND AND LOWERED INTO EXCAVATION.

NOTE:
BACKFILL MEDIA SHALL CONSIST OF CLEAN NATURALLY-ROUNDED AGGREGATE WITH PARTICLE SIZES NO LARGER THAN 3/4" WITH NO MORE THAN 5% PASSING A #8 SIEVE OR WASHED CRUSHED STONE OR GRAVEL, WITH ANGULAR PARTICLE SIZES NO LARGER THAN ½" WITH NO MORE THAN 5% PASSING A #8 SIEVE. REFER TO TANK MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION. SIEVE ANALYSIS OF BACKFILL IS REQUIRED. SUBMIT TO ARCHITECT & PROVIDE TO FACILITY INSTALLATION OVERSIGHT AGENT AT TANK SET.

NOTE: FOLLOW UST MANUFACTURER'S COMPLETE CURRENT INSTALLATION INSTRUCTIONS.
OSHA TYPE "C" SIMPLE SLOPE SHOWN IN THIS VIEW

A T3-2 **Typical Tank Burial**
SCALE: 3/8"=1'-0"

NOTE:
IF GROUNDWATER IS ENCOUNTERED DURING EXCAVATION FOR TANK INSTALLATION OR IF POTENTIAL EXISTS FOR SURFACE RUN-OFF INTO TANK PIT, CONTRACTOR SHALL STRAP THE TANKS TO THE DEADMEN AND BACK FILL TO TOP OF TANKS IMMEDIATELY AFTER TANK PLACEMENT, THEN CONTRACTOR SHALL ENTIRELY FILL TANKS WITH WATER. THE ABOVE, (TANK BALLAST & PLACEMENT BY FILLING WITH WATER) SHALL BE DONE IN ONE CONTINUOUS PROCESS. TANKS SHALL BE PUMPED DRY ONLY AFTER FINAL BACK FILL AND CONCRETE COVER IS IN PLACE. ** FOR WET-HOLE INSTALLATION, THE TANK BACKFILL BEDDING SHALL BE INCREASED FROM 12" TO 18". SEE MANUFACTURER INSTALLATION INSTRUCTIONS FOR ADDITIONAL CLARIFICATION.



NOTE:
FILTER FABRIC (US FABRICS US200 OR DUPONT SF 40) IS REQUIRED AT BOTTOM AND SIDES OF TANK HOLE EXCAVATIONS, FOR ALL INSTALLATIONS. FABRIC MAY BE PINNED TO SIDE OF HOLE WITH WIRE, ETC. SEAMS MUST BE LAPPED 1' MINIMUM.

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NOTE: FOLLOW UST MANUFACTURER'S COMPLETE CURRENT INSTALLATION INSTRUCTIONS.
OSHA TYPE "C" SIMPLE SLOPE SHOWN IN THIS VIEW

A T3-2 **Tank Burial (Shored Hole Method)**
SCALE: 3/8"=1'-0"

NOTE:
IF GROUNDWATER IS ENCOUNTERED DURING EXCAVATION FOR TANK INSTALLATION OR IF POTENTIAL EXISTS FOR SURFACE RUN-OFF INTO TANK PIT, CONTRACTOR SHALL STRAP THE TANKS TO THE DEADMEN AND BACK FILL TO TOP OF TANKS IMMEDIATELY AFTER TANK PLACEMENT, THEN CONTRACTOR SHALL ENTIRELY FILL TANKS WITH WATER. THE ABOVE, (TANK BALLAST & PLACEMENT BY FILLING WITH WATER) SHALL BE DONE IN ONE CONTINUOUS PROCESS. TANKS SHALL BE PUMPED DRY ONLY AFTER FINAL BACK FILL AND CONCRETE COVER IS IN PLACE. ** FOR WET-HOLE INSTALLATION, THE TANK BACKFILL BEDDING SHALL BE INCREASED FROM 12" TO 18". SEE MANUFACTURER INSTALLATION INSTRUCTIONS FOR ADDITIONAL CLARIFICATION.

REVIEWED FOR CODE COMPLIANCE
BY COASTLAND CIVIL ENGINEERING, INC.
IN ACCORDANCE WITH CBC §107.3.1 AS AMENDED BY THE LOCAL AGENCY.

No.	Date	By	Revision
5	03/30/21	JW/RF	OV JSG ELECTRICAL COMMENTS

Title: TANK BURIAL AND ANCHORING DETAILS
280 VINTAGE WAY
NOVATO, CALIFORNIA 94945
COSTCO GASOLINE FACILITY #141

For: COSTCO GASOLINE
COSTCO WHOLESALE
999 LAKE DRIVE
ISSAQUAH, WA 98027

MASTER RELEASE
CA AB-2481
DATE: 08/10/2020 CA FRP

LICENSED PROFESSIONAL ENGINEER
HAL P. GRUBB
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STATE OF CALIFORNIA
9/22/21

Scale: Horizontal N/A Vertical N/A
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Job Number 07785 Sheet T3-2

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Appendix D

Transportation Impact Analysis

Transportation Impact Analysis

Transportation Impact Analysis

Costco Gasoline Fuel Station Addition

Novato, California

February 2024

Transportation Impact Analysis

Costco Gasoline Fuel Station Addition

Novato, California

Prepared For:
Costco Wholesale
999 Lake Drive
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Prepared By:
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Oakland, California 94612
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Project Manager: Amy Lopez
Project Principal: Chris Tiesler

Project No. 24900

February 2024



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Appendix H 2015-2019 Crash Data, Rowland Blvd/Vintage Way

INTRODUCTION

This report summarizes the transportation impacts associated with the operation of a new Costco Gasoline fuel station (Project) in Novato, CA. The fuel station would be located in the vicinity of the existing Costco warehouse (warehouse) located at the intersection of Rowland Blvd and Vintage Way in the Vintage Oaks Shopping Center.

PROJECT DESCRIPTION

The Project is located within and adjacent to the Vintage Oaks Shopping Center in Novato, Marin County, California. Vintage Oaks is located southeast of the Highway 101 and Rowland Boulevard freeway interchange. The Project proposes to construct a fuel facility (gas station) at an existing Costco Wholesale (Costco) at 300 Vintage Way, and encompasses a portion of an existing parking lot, located southwest of the existing Costco building and includes approximately 1.15 acres of Assessor's Parcel Number 153-340-36 (fuel facility site). Figure 1 shows the regional location of the Project area. Figure 2 and Figure 3 show the proposed site plan for the Costco fuel station development. Figure 4 shows the Vintage Way striping for the left-turn pocket.

SCOPE OF THE REPORT

The analyses performed for this study determine the expected transportation-related effects of the Project. The scope of the report was developed in coordination with the City of Novato (City) and Costco Wholesale. The following six study intersections were selected based on land use and circulation conditions near the Project site and access to the existing Costco warehouse:

1. Rowland Blvd/Redwood Blvd
2. Rowland Blvd /101 SB Ramps
3. Rowland Blvd/101 NB Ramps
4. Rowland Blvd/Rowland Way
5. Rowland Blvd/Vintage Way (north)
6. Rowland Blvd/Vintage Way (south)

This report evaluates the following transportation issues:

- Existing (year 2019) conditions within the site vicinity during the weekday PM and Saturday midday peak hours
- Trip generation and distribution estimates for the Project
- Existing conditions during the weekday PM and Saturday midday peak hours with the addition of Project-related traffic

- Trip generation and distribution estimates for the Hanna Ranch and Vintage Oaks planned developments
- Future conditions during the weekday PM and Saturday midday peak hours
- Future conditions during the weekday PM and Saturday midday peak hours with the addition of Project-related traffic
- Change in regional daily vehicle-miles traveled (VMT) as a result of the Project
- Left-turn lane warrant analysis at Vintage Way/future relocated Costco site access
- Transit, pedestrian, and bicyclist access to and near the Project site



● - Study Intersection

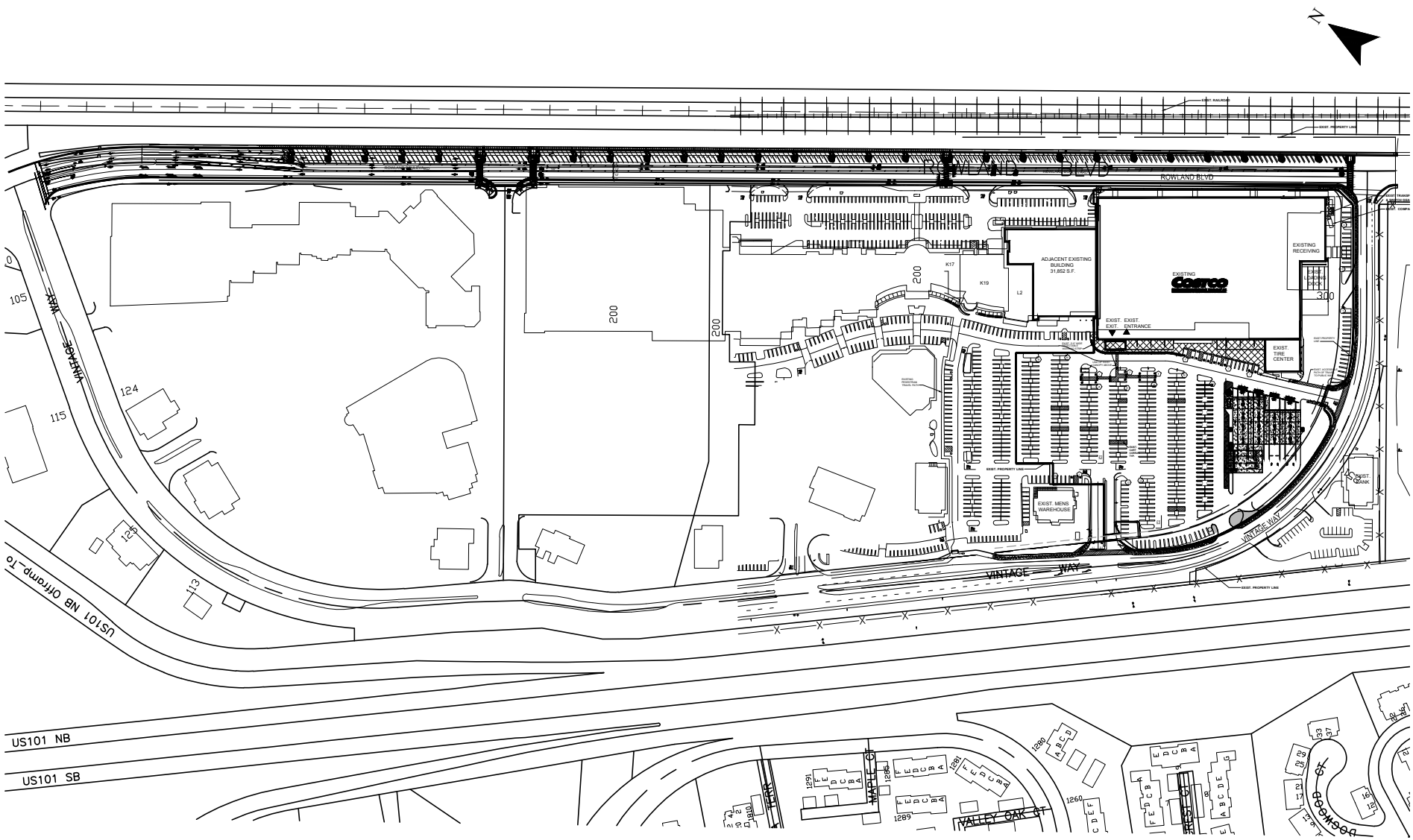
▨ - Proposed Development Site

Site Vicinity Map
Novato, CA

Figure
1

KITTELSON & ASSOCIATES

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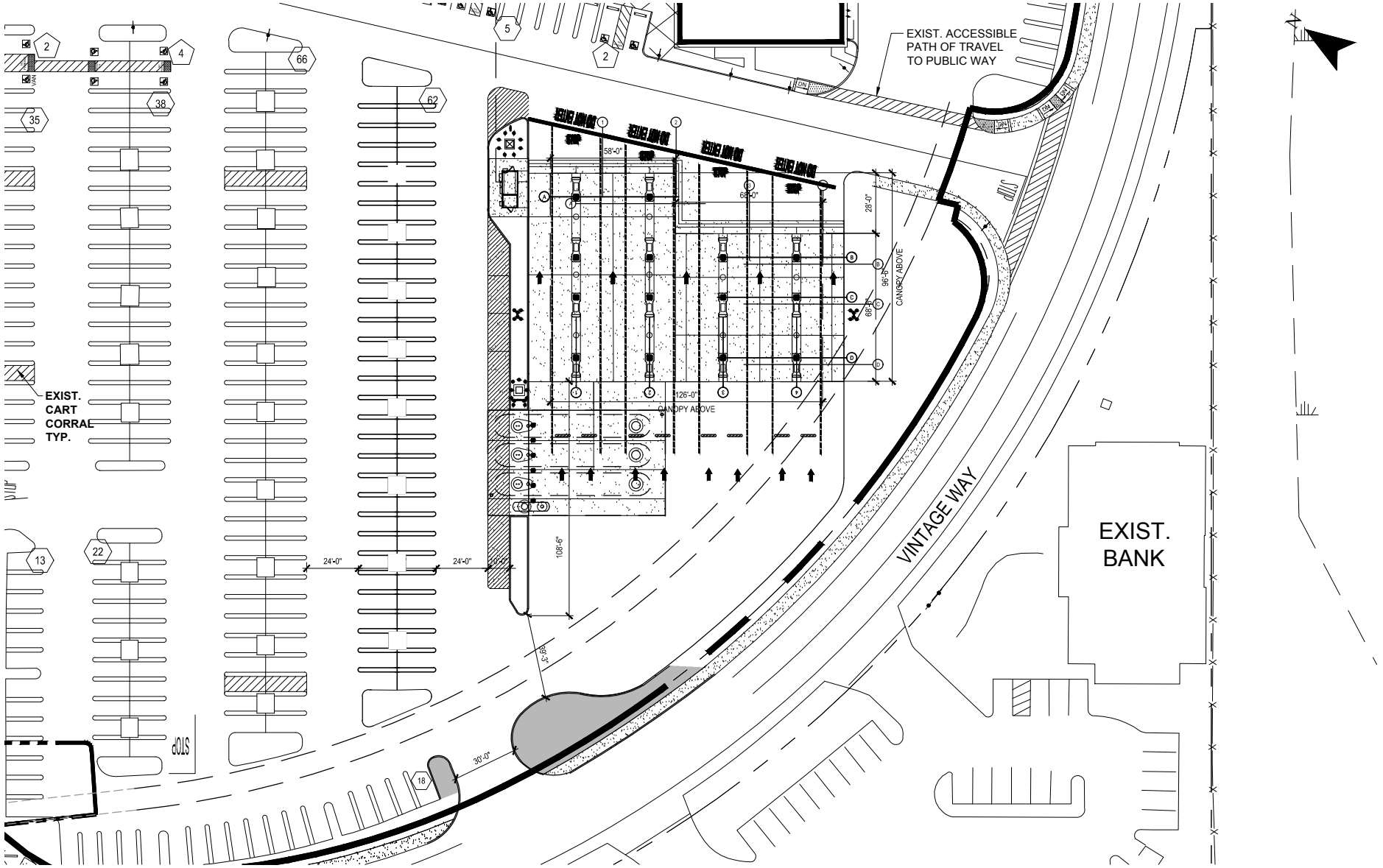


Overall Site Plan
Novato, CA

Figure
2

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KITTELSON & ASSOCIATES

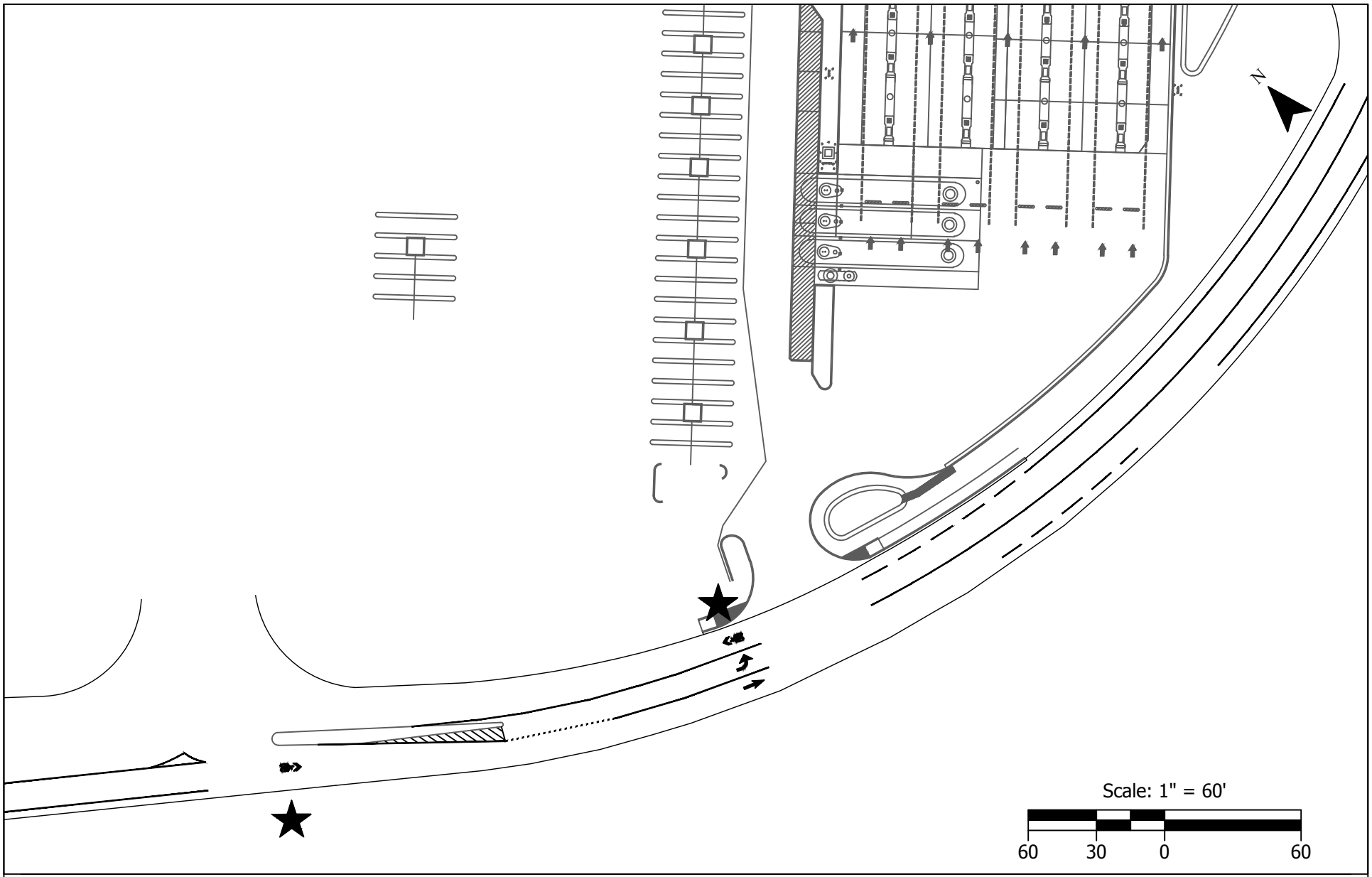


Costco Fuel Station Expansion Detail
Novato, CA

Figure
3

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KITTELSON & ASSOCIATES



Legend:

★ -Share the Road Signing



Striping Concept
Novato, CA

Figure
4

KITTELSON & ASSOCIATES

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EXISTING CONDITIONS

The existing conditions analysis identifies the site conditions and current operational and geometric characteristics of the study intersections as well as transit services, bicyclist, and pedestrian facilities near the Project site.

ROADWAY NETWORK

Highway 101 is a north-south US highway providing statewide connections. In Marin County, it starts at the north end of the Golden Gate Bridge and traverses communities by the San Francisco Bay, near Mill Valley, Larkspur, San Rafael, and Novato. It extends southward into San Francisco, San Jose, and eventually reaches Los Angeles. To the north, it extends into Petaluma, Santa Rosa, and the coastal cities northward to Oregon. In the City of Novato, it is a 4- to 5- lane highway. Interchanges near the study area are located at Ignacio Blvd/Bel Marin Keys Blvd, Rowland Blvd, and De Long Ave.

Rowland Blvd is a four-lane arterial at the US 101 interchange that turns into a major collector east of the interchange and west of Novato Blvd. Rowland Blvd features bike lanes on both sides and a two-way left-turn lane in the middle. East of the interchange, Rowland Blvd provides access to the Vintage Oaks Shopping Center, a hospital, and the US 101 highway. This section of the roadway underwent improvements completed in November 2022 that included on-street parking, pedestrian and bicycle facilities, and lane configuration/traffic operation improvements. West of the interchange, Rowland Blvd provides access to residential land uses. The speed limit is 35 miles per hour (mph).

Vintage Way is a four-lane collector, becoming a two-lane collector, that circles around the Vintage Oaks Shopping Center and connects to Rowland Blvd on both sides. Vintage Way provides access to the shopping center via seven driveways. A landscaped median runs along the roadway north of the Project site, and bike lanes are on both sides of the street. The speed limit is 35 mph.

Redwood Blvd is a four-lane, north-south arterial with a speed limit of 35 mph. It begins at Olompali State Historic Park to the north and ends at a business center south of the US 101 and SR 37 interchange. North of Rowland Blvd, Redwood Blvd provides access to retail and light industrial uses. To the south, it provides access to residential uses.

Novato Blvd is a four-lane, north-south collector with a speed limit of 35 to 40 mph. Novato Blvd intersects Rowland Blvd west of Redwood Blvd. The land uses around Novato Blvd are mostly residential with some retail uses to the north. Novato Blvd runs between the US 101 and SR 37 interchange to the south and continues to the intersection of Pt. Reyes-Petaluma Rd in Petaluma.

Pedestrian Facilities

Sidewalks are present on the inside of the loop around Vintage Oaks Shopping Center on Rowland Blvd and Vintage Way. Standard longitudinal marked crosswalks are present at the intersections of Rowland Blvd with Rowland Way and Vintage Way as well as at each driveway, except one driveway on Rowland Blvd providing access to the rear of the shopping center.

Bicycle Facilities

Bicycle facilities are defined by the following three classes in Chapter 1000 of California Department of Transportation's (Caltrans) *Highway Design Manual* and *Design Information Bulletin 89*:

- **Class I bikeway (bike path)** – Provides a completely separated facility designed for the exclusive use of bicyclists and pedestrians with crossing points minimized.
- **Class II bikeway (bike lane)** – Provides a restricted right-of-way lane for the exclusive or semi-exclusive use of bicycles with through travel by motor vehicles or pedestrians prohibited, but with vehicle parking and cross-flows by pedestrians and motorists permitted.
- **Class III bikeway (bike route)** – Provides a right-of-way designated by signs or permanent markings and shared with pedestrians and motorists.
- **Class IV bikeway (cycle track)** – This is a dedicated, separated and protected on-street lane for bicyclists. Cycle tracks (or protected bike lanes) typically are used along streets with high traffic volumes and high speeds, providing additional protection for bicyclists using vertical separation, such as concrete curb or safe-hit posts.

Existing bicycle facilities in the region include:

- Class II bike lane on Rowland Blvd from Novato Blvd to Vintage Way
- Class I Shared Use Path on Rowland Blvd south of Vintage Way
- Class II bike lanes on Redwood Blvd north of Rowland Blvd
- Class II bike lane on Novato Blvd north of Rowland Blvd
- Class I Shared Use Path on Novato Blvd south of Rowland Blvd
- Class III bike route on Redwood Blvd south of Rowland Blvd

The Novato Bicycle/Pedestrian Plan does not propose additional bike facilities or enhancements to existing facilities that would provide access to the Project site.

Transit Service

Marin Transit and Golden Gate Transit (GGT) provide bus service in the study area. The shopping center has five bus stops that are served by Marin Transit 57. Between US 101 northbound and the Rowland Blvd offramp, the Novato Park & Ride lot provides commuters with access to the GGT 154

bus. The US 101 Northbound onramp at Rowland Blvd also has a bus pad that is served by the Marin Transit 71. Table 1 summarizes bus service in the area.

Table 1: Transit Routes Near the Project Site

Route	From/To	Operation Time	Frequency
Golden Gate Transit			
154	Novato – San Francisco	Weekdays, 3:30 AM to 9:00 AM	Every 20-30 minutes
Marin Transit			
57	Downtown San Rafael – Novato	Weekdays, 6:25 AM to 9:45 PM Weekends, 8:30 AM to 9:00 PM	Every 60 min
71	Novato – Marin City	5:30 AM to 1:00 AM	Every 30 min, peak Every 60 min, off peak

Source: https://www.goldengate.org/bus/schedules-maps/ Accessed February 2024
https://marintransit.org/ Accessed February 2024

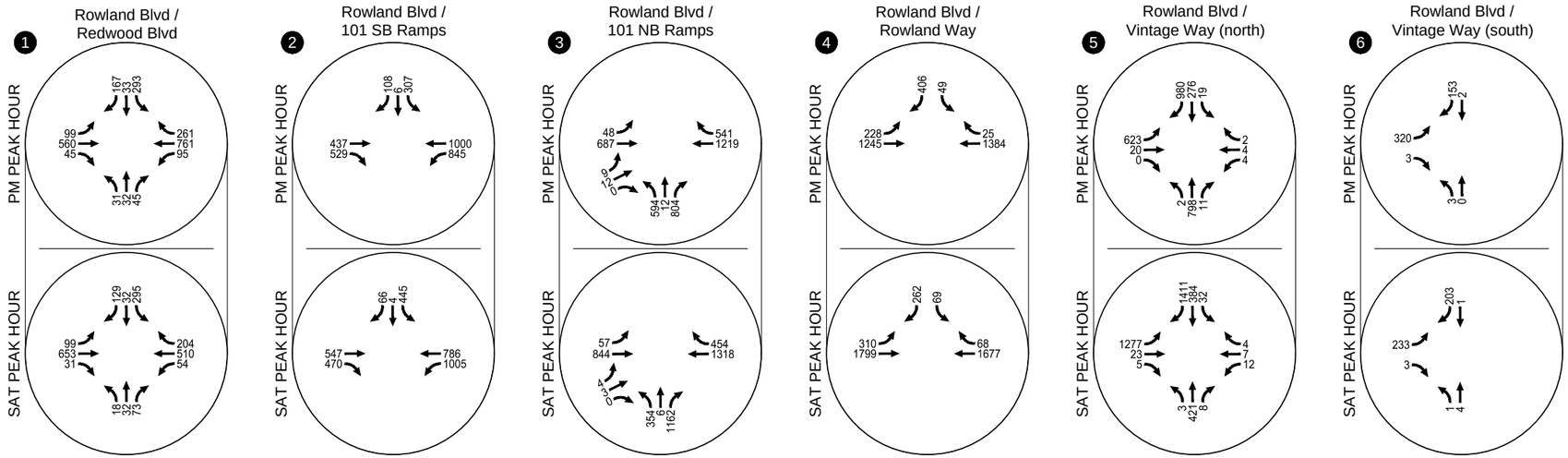
EXISTING TRAFFIC CONDITIONS

At the time of this analysis (summer 2020), partial closures were in effect due to the COVID-19 pandemic. Therefore, traffic patterns were irregular and traffic volumes did not represent typical traffic conditions. Kittelson used a combination of historical data, Costco Warehouse transaction data, and the Institute of Transportation Engineers (ITE) trip generation rates to develop existing traffic volumes at the study intersections. Data used to develop existing volumes are:

- 2019 traffic counts for six study intersections, provided by the City of Novato (City)
- Costco fuel station transaction data at the Rohnert Park and Vallejo locations for the month of April 2019.
- January 2020 vehicle turning movement volumes at three Costco driveways on Vintage Way
    - Kittelson contracted with a data collection firm to collect traffic volumes on January 30 and February 1, 2020 in the PM peak period (4:00 PM to 7:00 PM) and Saturday midday peak period (11:00 AM to 2:00 PM).
    - *Appendix A* includes these traffic counts.

The system peak hours were selected based on the 2019 data counts:

- PM peak hour: 4:00 to 5:00 PM
- Saturday peak hour: 12:00 to 1:00 PM



Year 2019 Existing Volumes
Weekday PM and Saturday Midday Peak Hours
Novato, CA

Figure
5

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Intersection Operations Analysis Methodologies and Level of Service Standards

"Level of service" describes the operating conditions experienced by users of a facility. Level of service (LOS) is a qualitative measure of the effect of a number of factors, including speed, travel time, traffic interruptions, freedom to maneuver, driving comfort and convenience. Levels of service are designated A through F from best to worst, which cover the entire range of traffic operations that might occur. LOS A through E generally represent traffic volumes at less than roadway capacity while LOS F represents over capacity or forced flow conditions. In general, LOS D or better is considered acceptable while LOS E and LOS F are not.

All intersection level of service evaluations used the peak 15-minute flow rate during the weekday AM and PM peak hours. Using the peak 15-minute flow rate ensures that this analysis is based on a reasonable worst-case scenario. For this reason, the analysis reflects conditions that are only likely to occur for 15 minutes out of each average peak hour. During all other periods, the transportation system likely will operate under conditions better than the conditions described in this report.

Intersection Operations

LOS is a quantitative stratification of a performance measure or measures representing quality of service. The measures used to determine LOS for transportation system elements are called service measures. The Highway Capacity Manual (HCM) defines six levels of service, ranging from A to F, for each service measure or combination of service measures. The service measures to define the LOS of intersections are control delay and volume over capacity (V/C) ratio. Control delay alone is used to characterize LOS for the entire intersection or an approach. Control delay and volume-to-capacity ratio are used to characterize LOS for a lane group.

Intersection analysis was conducted using the operational methodology outlined in the *Highway Capacity Manual* (HCM) 2000 Edition (Transportation Research Board, Washington, D.C., 2016) at all intersections, as operationalized by Synchro 10. The 2000 edition was utilized over the newer 6th Edition due to some intersections having more than 4 traditional legs that are required for results in the 6th Edition. Table 2 and Table 3 present the relationship of average delay to level of service for signalized intersections and all-way stop intersections, respectively.

Table 2: Signalized Intersection Level of Service Definitions

Average Delay Per Vehicle (Seconds)	LOS	Description of Traffic Conditions
≤10.0	A	This level is typically assigned when the volume-to-capacity ratio is low and either progression is exceptionally favorable, or the cycle length is very short.
>10.0 and ≤20.0	B	This level is typically assigned when the volume-to-capacity ratio is low and either progression is highly favorable, or the cycle length is short. More vehicles stop than with LOS A.
>20.0 and ≤35.0	C	This level is typically assigned when progression is favorable, or the cycle length is moderate. Individual cycle failures (i.e., one or more queued vehicles are not able to depart as a result of insufficient capacity during the cycle) may begin to appear at this level. The number of vehicles stopping is significant, although many vehicles still pass through the intersection without stopping.
>35.0 and ≤55.0	D	This level is typically assigned when the volume-to-capacity ratio is high and either progression is ineffective, or the cycle length is long. Many vehicles stop and individual cycle failures are noticeable.
>55.0 and ≤80.0	E	This level is typically assigned when the volume-to-capacity ratio is high, progression is unfavorable, and the cycle length is long. Individual cycle failures are frequent.
≤80.0	F	This level is typically assigned when the volume-to-capacity ratio is very high (greater than 1.0), progression is very poor, and the cycle length is long. Most cycles fail to clear the queue.

Source: Transportation Research Board, Highway Capacity Manual 6th Edition, Washington, D.C., 2016.

Table 3: All-Way Stop-Controlled Intersection Level of Service Definitions

Average Delay Per Vehicle (Seconds)	LOS
≤10.0	A
>10.0 and ≤15.0	B
>15.0 and ≤25.0	C
>25.0 and ≤35.0	D
>35.0 and ≤50.0	E
>50.0	F

Source: Transportation Research Board, Highway Capacity Manual 6th Edition, Washington, D.C., 2016.

The existing operations at the study intersections are shown in Table 4. The results indicate that all study intersections are operating at LOS D or better for all peak hours, except Intersection 1, which operates at LOS E in the weekday PM and Saturday midday peak hours.

Appendix B includes the Synchro output reports for Existing Conditions.

Table 4: Existing Conditions Intersection Operations

No.	Location	Control	Peak Hour	LOS Standard	Delay	LOS
1	Rowland Boulevard/ Redwood Boulevard	Signal	PM	D	26.5	C
			Sat		27.0	C
2	Rowland Boulevard/ US 101 SB Ramps	Signal	PM	D	24.8	C
			Sat		32.5	C
3	Rowland Boulevard/ US 101 NB Ramps	Signal	PM	D	34.3	C
			Sat		29.3	C
4	Rowland Boulevard / Rowland Way	Signal	PM	D	16.9	B
			Sat		19.3	B
5	Rowland Boulevard/ Vintage Way (north)	Signal	PM	D	13.5	B
			Sat		14.5	B
6	Rowland Boulevard/ Vintage Way (south)	AWSC	PM	D	10.0	A
			Sat		9.0	A

Source: Kittelson & Associates, 2024

Note:
- Synchro 10th Edition and HCM 2000 methodology were used.
- **Bold** indicates intersection operates beyond the standard.
- AWSC: All-Way Stop Control
- Average delay in seconds is presented for signalized and stop control intersections.

TRANSPORTATION IMPACT ANALYSIS

The transportation impact analysis identifies how the study area's transportation system will operate when the Project is operational. The effects of traffic that would be generated by the Project during the typical weekday AM and PM peak hours were examined as follows:

- New site-generated trips and rerouted existing trips (those trips already going to the warehouse) were estimated for the Project.
- Distribution of new trips and rerouted existing trips were developed based on existing traffic patterns.
- Existing (year 2019) with Project conditions consist of existing traffic volumes plus the distribution of new trips associated with the Project during the weekday AM and PM peak hours.
- Change in vehicle-miles traveled (VMT) as a result of the Project
- Personal vehicle queuing at the Project site
- Transit, pedestrian, and bicyclist access to and near the Project site

This analysis includes both effects that would result in potentially significant impacts under the California Environmental Quality Act (CEQA) guidelines and non-CEQA effects associated with traffic operations on the transportation network.

CEQA SIGNIFICANCE CRITERIA

CEQA section 21099(b)(1) requires that the State Office of Planning and Research (OPR) develop revisions to the CEQA Guidelines establishing criteria for determining the significance of transportation impacts of projects that "promote the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses." CEQA section 21099(b)(2) states that upon certification of the revised guidelines for determining transportation impacts pursuant to CEQA section 21099(b)(1), automobile delay, as described solely by level of service or similar measures of vehicular capacity or traffic congestion, shall not be considered a significant impact on the environment under CEQA.

In January 2016, the Office of Planning and Research published for public review and comment a Revised Proposal on Updates to the CEQA Guidelines on Evaluating Transportation Impacts in CEQA, recommending that transportation impacts for projects be measured using a VMT metric. In December 2018, the California Natural Resources Agency certified and adopted the CEQA Guidelines update package, including the section implementing SB 743 (section 15064.3). The Office of Planning and Research developed a Technical Advisory on Evaluating Transportation Impacts in CEQA, which contains OPR's technical recommendations regarding assessment of VMT, thresholds of significance,

and mitigation measures. Since the City of Novato has not published guidelines associated with completing a CEQA transportation analysis or assigned VMT thresholds, the OPR CEQA Guidelines are followed in this analysis.

The Project's impact is not considered to be significant unless it would:

a. Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities.

b. Conflict or be inconsistent with CEQA Guideline section 15064.3, subdivision (b).

c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment).

d. Result in inadequate emergency access.

Significance criterion "b" is related to the implementation of vehicle-miles traveled (VMT) as the primary performance metric. OPR recommends using a project's total VMT (as opposed to per-capita or per employee VMT) as the performance measure – a project is considered to have a significant impact if it results in a **net increase in existing regional VMT**.

NON-CEQA CRITERIA

While level of service (LOS) is no longer applicable to CEQA analyses, the City of Novato requires intersection operations analysis to assess the effects of a project on street network operations. The City of Novato has a level of service standard of LOS D for signalized and all-way stop-controlled intersections.

PROJECT ANALYSIS

The Project is a new Costco Gasoline fuel station with 28 fueling positions and on-site queue storage. As shown previously in Figure 1, the Project is located on Vintage Way at the south end of the Vintage Oaks Shopping Center. The number of new trips and rerouted trips estimated to be generated by the Project, as well as how these trips would be distributed onto the transportation network, are discussed in this section.

Trip Generation

This section discusses the data used to develop trip generation estimates for the Project.

Costco Trip Generation Database

For more than 20 years, Kittelson has maintained a database of traffic data and travel characteristics for Costco Wholesale. The database is updated periodically when new Costco traffic counts or other travel information become available to Kittelson. The database contains a large quantity of data related to Costco Gasoline fuel stations. It includes trip generation rates and trip type information for more than 35 Costco Gasoline facilities located throughout the U.S. Costco has invested significant effort into developing this use-specific trip generation database for both their warehouses and their fuel stations because of the unique characteristics of Costco member travel patterns that exist due to membership requirements and the nature of Costco sales. These unique elements apply to the trip generation for Costco warehouses, Costco Gasoline fuel stations, and the interaction of trips between the two. Costco does not build stand-alone fuel stations (i.e., no warehouse nearby).

To best evaluate the anticipated transportation characteristics of the proposed Novato Costco Gasoline fuel station, Kittelson selected data for sites with 24+ fueling positions. These sites are considered representative of the Novato site based on population size in the surrounding area and geographic location. Table 5 lists the seven gas station sites and the trip generation observed at each site. Kittelson developed an average trip rate for the total number of trips to estimate the number of total trips (inbound + outbound) the Project would generate.

The Costco-specific trip generation data presented herein follows nationally accepted practices for trip generation data collection as recommended by the Institute of Transportation Engineers (ITE) and presents a robust dataset upon which to confidently and accurately predict the trip generation of the fuel station.

Table 5: Project Trip Generation

Location	Fueling Positions	Weekday P.M. Peak Hour	Saturday Midday Peak Hour
		Total Trip Ends (in+out)	Total Trip Ends (in+out)
Concord, CA	24	550	700
Cypress, CA	24	654	740
NE San Jose, CA	24	458	686
Portland, OR	24	404	616
Rancho Del Ray, CA	24	676	678
Rohnert Park, CA	24	498	606
Temecula, CA	30	793	849
Average		**576**	**696**

Source: Kittelson & Associates, Inc., 2024

Novato Costco Gasoline Fuel StationTrip Type Estimate

In developing a trip generation estimate for a new fuel station addition, it is important to recognize that the total number of trips generated will include:

- Net new "gas-only" trips, of which the destination is the new gas station alone. These trips do not exist on the roadway network today.
- Internal capture trips account for those members who patronize both the warehouse and the fuel station during a single visit to the Costco site. As such, although they account for a trip to both the warehouse and the fuel station, they only account for one overall set of inbound/outbound trips to the vicinity of the warehouse and fuel station and therefore account for one round trip on the surrounding transportation system. These trips already existing on the roadway network today and are accounted for at the access between the warehouse and the fuel station.
- Pass-by trips represent members (and trips) that are currently traveling on the surrounding street network for some other primary purpose (such as a trip from work to home) and stop into the site en route during their normal travel. As such, pass-by trips do not result in a net increase in traffic on the surrounding transportation system and their only effect occurs at the immediate intersections and site access driveways where they become turning movements.
- Diverted trips are similar to pass-by trips in that they represent members (and trips) that are currently traveling on the surrounding street network for some other primary travel purpose and travel around the block to access the site while en route to their primary destination. These trips exist on the roadway network today and, as the name indicates, divert from the primary roadways members take to their primary destination and result in changes in through and turn movement volumes at intersections in the vicinity of the Costco site.

The unique nature of Costco operations and its membership requirements result in different trip characteristics than those observed at typical fuel stations summarized in the standard reference *Trip Generation*, published by the Institute of Transportation Engineers (ITE). The percentages of pass-by at Costco Gasoline fuel stations is considerably lower than those quoted in the ITE *Trip Generation* manual for typical fuel stations. Correspondingly, membership requirements also have a significant effect on trip internalization (or sharing of trips) between the warehouse and the fuel station. Fewer people exclusively visit a Costco Gasoline fuel station (in comparison to a typical standalone fuel station) because they have another primary purpose for visiting the site (that being a trip to the warehouse).

Table 6 presents the estimated trip generation for each trip type based on data in the Costco trip generation database. The additional fueling positions are estimated to generate approximately 117 net new gas-only weekday PM peak hour trips (or 59 total additional vehicles) and 172 net new gas-only Saturday midday peak hour trips (or 86 total additional vehicles). Again, the estimate accounts

for the documented internalization (sharing) of trips between the existing Costco warehouse and the proposed fuel station, as well as gas-only pass-by and diverted trips to the fuel station from traffic already on nearby roadways.

Table 6: Trip Generation Estimates by Trip Type

Costco Gasoline Fuel Station	Daily Trips	Weekday PM Peak Hour Trips	Saturday Midday Peak Hour Trips
Total Trips	6,870	576	696
Warehouse + Gas Trips (33% Weekday, 36% Saturday)	*-2,250*	*-189*	*-250*
Total Gas-Only Trips	4,620	387	446
Pass-by Trips (36% Weekday, 30% Saturday)	*-1,655*	*-139*	*-133*
Diverted Trips (34% Weekday, 32% Saturday)	*-1,560*	*-131*	*-141*
Net New Gas-Only Trips	**1,405**	**117**	**172**

Source: Kittelson & Associates, Inc. 2024

Note: Percentages of warehouse + gas "shared" trips, gas-only pass-by trips, and gas-only diverted trips are estimated based on historical data from the Costco trip generation database.

Rowland Blvd and Vintage Way provide access to the shopping center, a destination for primary trips on the transportation network, and do not provide through access to the surrounding street network. Therefore, Kittelson assumed the share of fuel station trips typically assigned as pass-by trips would be attributed to primary trips to the Vintage Oaks Shopping Center.

Trip Distribution

Based traffic data at other Costco Gasoline fuel stations, the number of inbound/outbound trips for the Project are estimated as a 50%/50% split of the total trips shown in Table 6. Figure 6 presents the trip distribution percentages on the roadway near the Vintage Oaks Shopping Center. To the west of the Rowland Blvd/Rowland Way intersection, Project trips are distributed in proportion to vehicle movement volumes under Existing conditions at the intersections to the west.



- Study Intersection
- Proposed Development Site

Net New and Diverted Trips (%)

Passby Trips (%)

Project Trip Distribution
Novato, CA

Figure 6

KITTELSON & ASSOCIATES

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EXISTING PLUS PROJECT CONDITIONS

The potential effects of the Project on existing operations at the study intersections are discussed in this section.

Intersection Operations

Kittelson developed traffic volumes for Existing plus Project conditions using an additive approach. Kittelson estimated vehicle trips generated by the Project and added these trips to existing volumes on the roadway network to develop the volumes for the Existing plus Project conditions. Existing plus Project turning movement volumes are presented in Figure 7 and Figure 8.

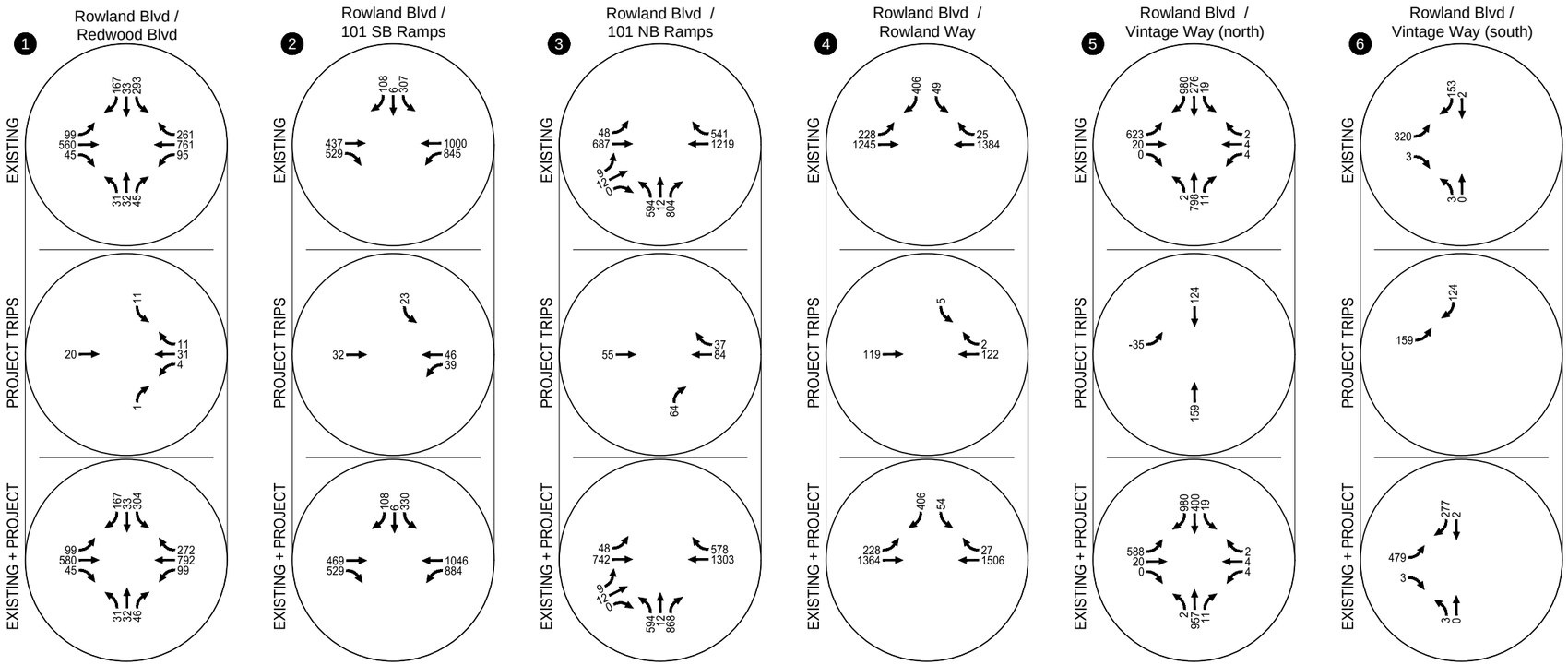
As shown in Table 7, all study intersections would operate within City standard of LOS D or better under Existing plus Project conditions. *Appendix C* includes Synchro output reports for Existing plus Project conditions.

Table 7: Existing Plus Project Conditions Intersection Operations

No.	Location	Control	Peak Hour	LOS Standard	Delay	LOS
1	Rowland Boulevard/ Redwood Boulevard	Signal	PM	D	26.8	C
			Sat		27.3	C
2	Rowland Boulevard/ US 101 SB Ramps	Signal	PM	D	25.9	C
			Sat		32.2	C
3	Rowland Boulevard/ US 101 NB Ramps	Signal	PM	D	39.0	D
			Sat		21.8	C
4	Rowland Boulevard / Rowland Way	Signal	PM	D	18.6	B
			Sat		21.1	C
5	Rowland Boulevard/ Vintage Way (north)	Signal	PM	D	15.3	B
			Sat		18.1	B
6	Rowland Boulevard/ Vintage Way (south)	AWSC	PM	D	15.4	C
			Sat		14.4	B

Source: Kittelson & Associates, 2024

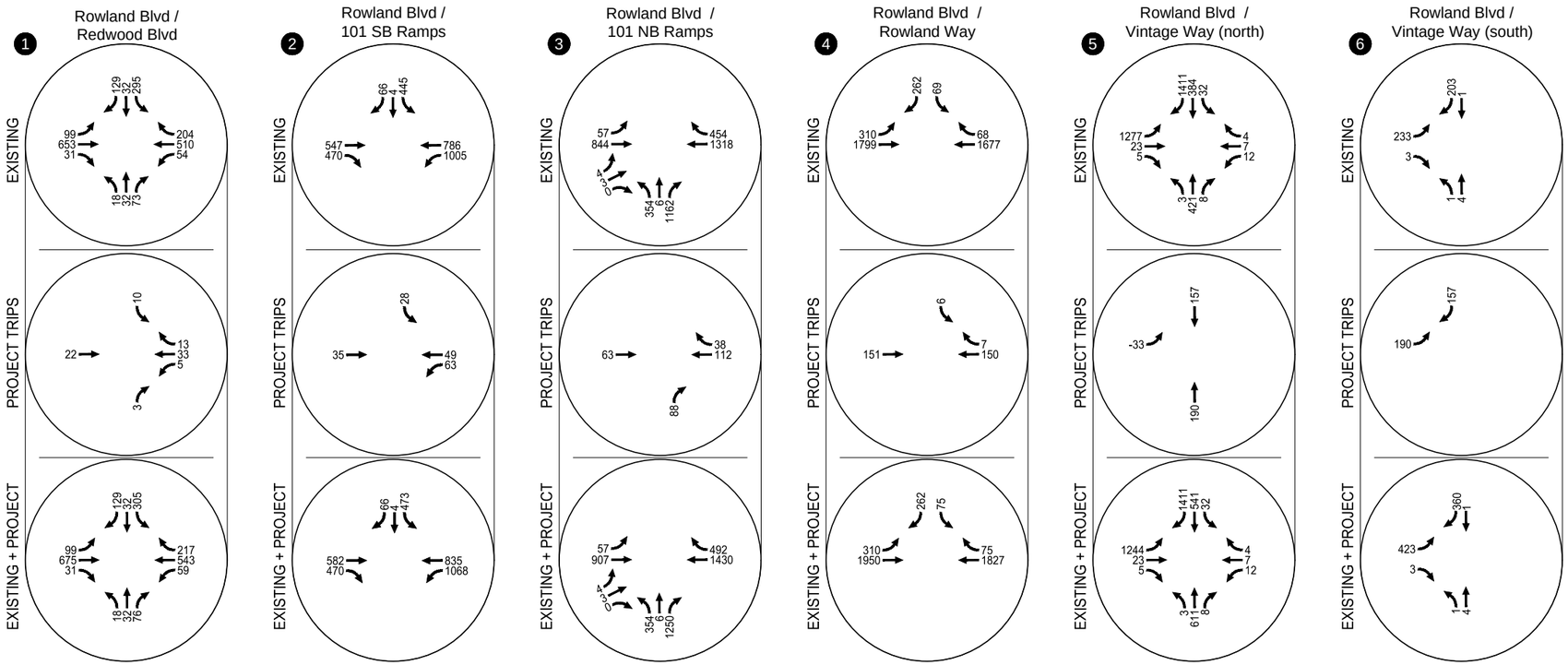
Note:
- Synchro 10th Edition and HCM 2000 methodology were used.
- **Bold** indicates intersection operates beyond the standard.
- AWSC: All-Way Stop Control
- Average delay in seconds is presented for signalized and stop control intersections.



Year 2019 Existing + Project Volumes
Weekday PM Peak Hour
Novato, CA

Figure
7

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Year 2019 Existing + Project Volumes
Weekday Saturday Midday Peak Hour
Novato, CA

Figure
8

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Driveway Operations

Kittelson evaluated traffic operations at the Costco site driveway on Vintage Way adjacent to the planned entrance to the fuel station queue storage area. Kittelson collected turning movement volumes at the driveway on January 20 and February 1, 2020 for the weekday PM and Saturday midday peak hours. The evaluation involved a traffic operations analysis of the driveway with Project volumes using PTV Vistro software, applying HCM 6th edition methodologies. It also involved performing a left-turn lane warrant analysis without and with Project volumes utilizing guidance from the American Association of State Highway Transportation Officials' (AASHTO) *A Policy on Geometric Design of Highways and Streets*, 7th Edition (2018), also known as the AASHTO "Green Book." Kittelson performed both types of analyses for Existing without and with Project volumes for the weekday PM and Saturday midday peak hours. Traffic volumes at the driveway are included as *Appendix A*.

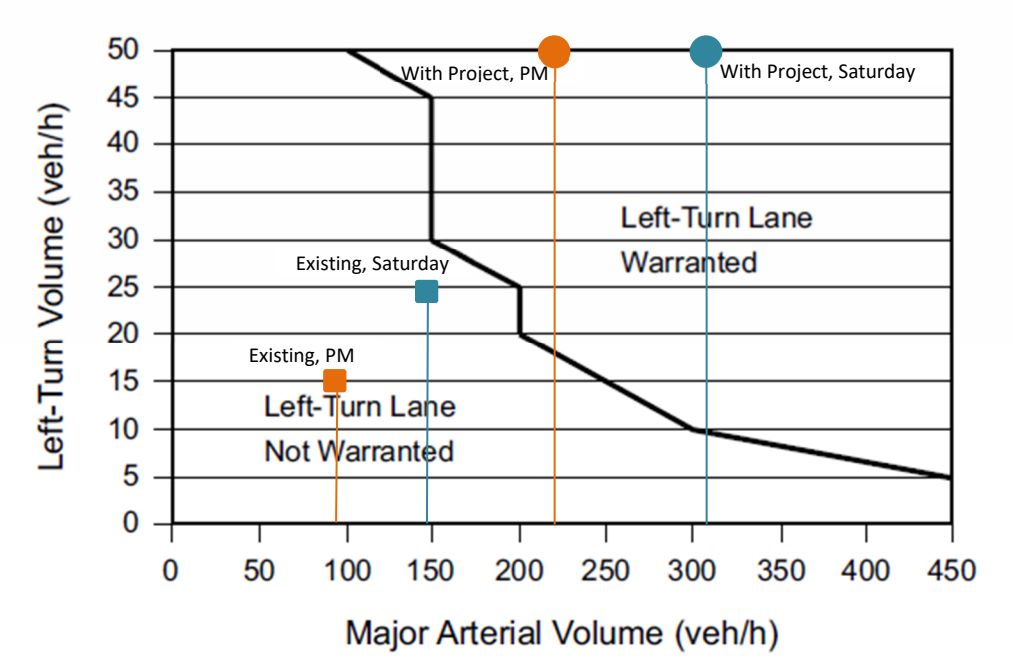
Level of Service

Vintage Way in the vicinity of the driveway has one travel lane in each direction, no median, and class II bike lanes. The Costco driveway operates at LOS B with existing traffic volumes and would continue to operate at LOS B with Project volumes.

Left-Turn Warrant

Vintage Way at the driveway does not meet the left-turn warrant with existing traffic volumes, shown in Figure 9 with square indicators. With the addition of Project traffic, Vintage Way would meet the warrant, shown in Figure 9 with circle indicators. The volume of southbound through traffic on Vintage Way is 39 and 60 vehicles during the weekday PM and Saturday peak hours, respectively. This means on average a southbound vehicle approaches the area about once per minute during the peak hours. The curb-to-curb width of Vintage Way at the southbound approach to the driveway is approximately 36 feet with 6-foot class II bike lanes and 12-foot travel lanes. The current curb-to-curb cross section of the roadway could not accommodate the addition of a left-turn lane while retaining the travel lanes and class II bike lanes. To provide a left-turn lane and provide continuous bike facility connectivity, the bike lanes would transition to a class III bicycle route (i.e., bicycles and vehicles share the lane) denoted with sharrows and signs for an approximately 200' distance between the existing driveway at near the former Men's Warehouse and the driveway nearest the entry to the Costco fuel station. Figure 4 presents such shared lane and left-turn pocket roadway improvements.

Figure 9: Left-Turn Lane Warrant Results, Weekday PM and Saturday Peak Hours



Source: AASHTO Green Book Figure 9-35, 2018; Kittelson & Associates, Inc., 2024

Note: Saturday peak hour left-turn volume is 57 vehicles, which would be located beyond the chart's upper limit.

FUTURE CONDITIONS

Future traffic conditions represent the change in traffic volumes resulting from approved developments in the Project area. The City has approved the Hanna Ranch development to the south of the Project site (see Figure 10) and a change in commercial uses in the northern part of the Vintage Oaks Shopping Center.

Kittelson sourced traffic volumes at the study intersections for the Hanna Ranch development from the Hanna Ranch Traffic Study dated June 9, 2017.[2] The City is currently reviewing the Hanna Ranch development to the south of the Project site (see Figure 10) and recently approved a commercial project (Pad W site) in the northern part of the Vintage Oaks Shopping Center. Kittelson used trip rates from ITE's *Trip Generation*, 10th Edition, to estimate the trip generation of the commercial uses (presented in Figure 10). Kittelson then distributed these commercial use trips to the street network in proportion with Existing turning movement volumes at the study intersections. Since the change in commercial uses at the Pad W site are in the northern part of the shopping center, none of the trips are routed through the Rowland Blvd/Vintage Way (south) intersection.

[2] Hanna Ranch Traffic Study is available online at https://www.novato.org/home/showdocument?id=26209

Figure 10: Development Project Under Review



Source: Hanna Ranch Traffic Study, 2017

Table 8: Trip Generation for Pad W Site

Land Use	Rate	PM Peak Hour			Saturday Peak Hour		
		In	Out	Total	In	Out	Total
Shopping-Center (ITE Code 820)	KSF	48%	52%	3.81	48%	52%	4.50
Fast Casual Restaurant (ITE Code 930)	KSF	62%	38%	14.13	62%	38%	34.02
Retail	1.2 KSF	3	2	5	3	2	5
Retail	2.2 KSF	4	4	8	5	5	10
Restaurant	2.2 KSF	19	12	31	47	28	75
Total		**26**	**18**	**44**	**55**	**35**	**90**

Source: ITE Trip Generation, 10th Edition

KSF = 1,000 square feet

Intersection Operations

Kittelson developed traffic volumes for Future conditions using an additive approach. Kittelson added the background traffic volumes from approved projects to the Existing year 2019 counts. Future peak hour turning movement volumes are presented in Figure 11.

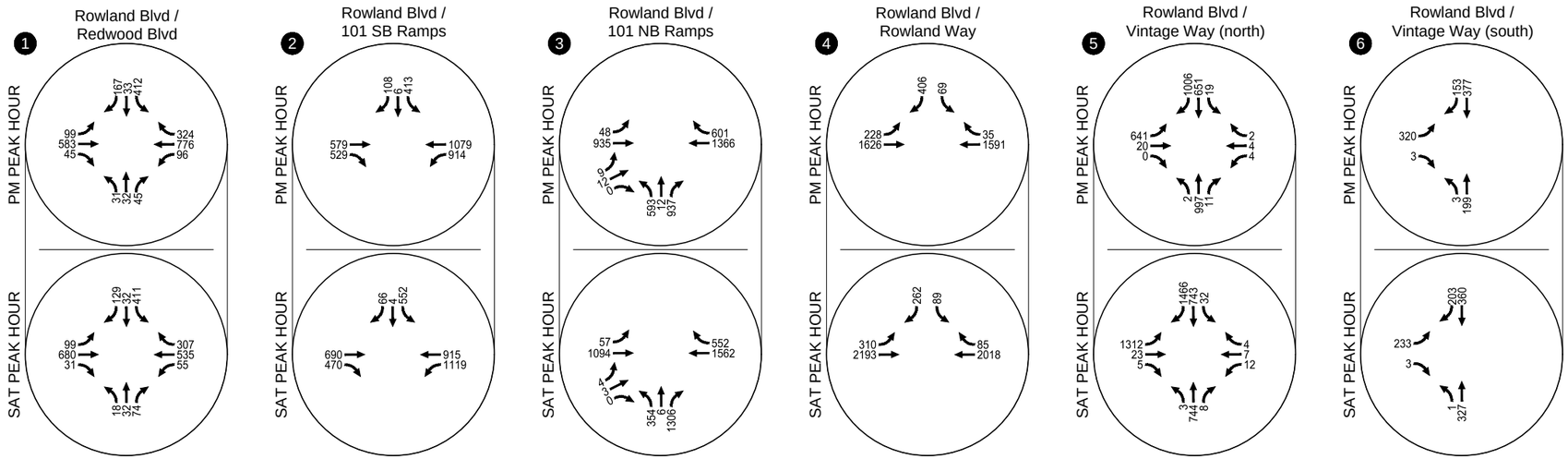
As shown in Table 9, all study intersections are expected to operate acceptably at LOS D or better under Future conditions. *Appendix D* includes Synchro output reports for Future conditions.

Table 9: Future Conditions Intersection Operations

No.	Location	Control	Peak Hour	LOS Standard	Delay	LOS
1	Rowland Boulevard/ Redwood Boulevard	Signal	PM	D	28.5	C
			Sat		29.2	C
2	Rowland Boulevard/ US 101 SB Ramps	Signal	PM	D	27.6	C
			Sat		34.5	C
3	Rowland Boulevard/ US 101 NB Ramps	Signal	PM	D	40.6	D
			Sat		22.5	C
4	Rowland Boulevard / Rowland Way	Signal	PM	D	20.2	C
			Sat		25.1	C
5	Rowland Boulevard/ Vintage Way (north)	Signal	PM	D	18.4	B
			Sat		26.3	C
6	Rowland Boulevard/ Vintage Way (south)	AWSC	PM	D	22.2	C
			Sat		23.2	C

Source: Kittelson & Associates, 2024

Note:
- Synchro 10th Edition and HCM 2000 methodology were used.
- **Bold** indicates intersection operates beyond the standard.
- AWSC: All-Way Stop Control
- Average delay in seconds is presented for signalized and stop control intersections.



Future Background Volumes
Weekday PM and Saturday Midday Peak Hours
Novato, CA

Figure
11

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FUTURE PLUS PROJECT CONDITIONS

The potential effects of the Project on future traffic operations at the study intersections are discussed in this section.

Intersection Operations

Kittelson developed traffic volumes for Future plus Project conditions using an additive approach. Kittelson added Project trips to Future conditions traffic on the roadway network to develop the volumes for the Future plus Project conditions. Future plus Project turning movement volumes for weekday PM and Saturday peak hours are presented in Figure 12 and Figure 13, respectively.

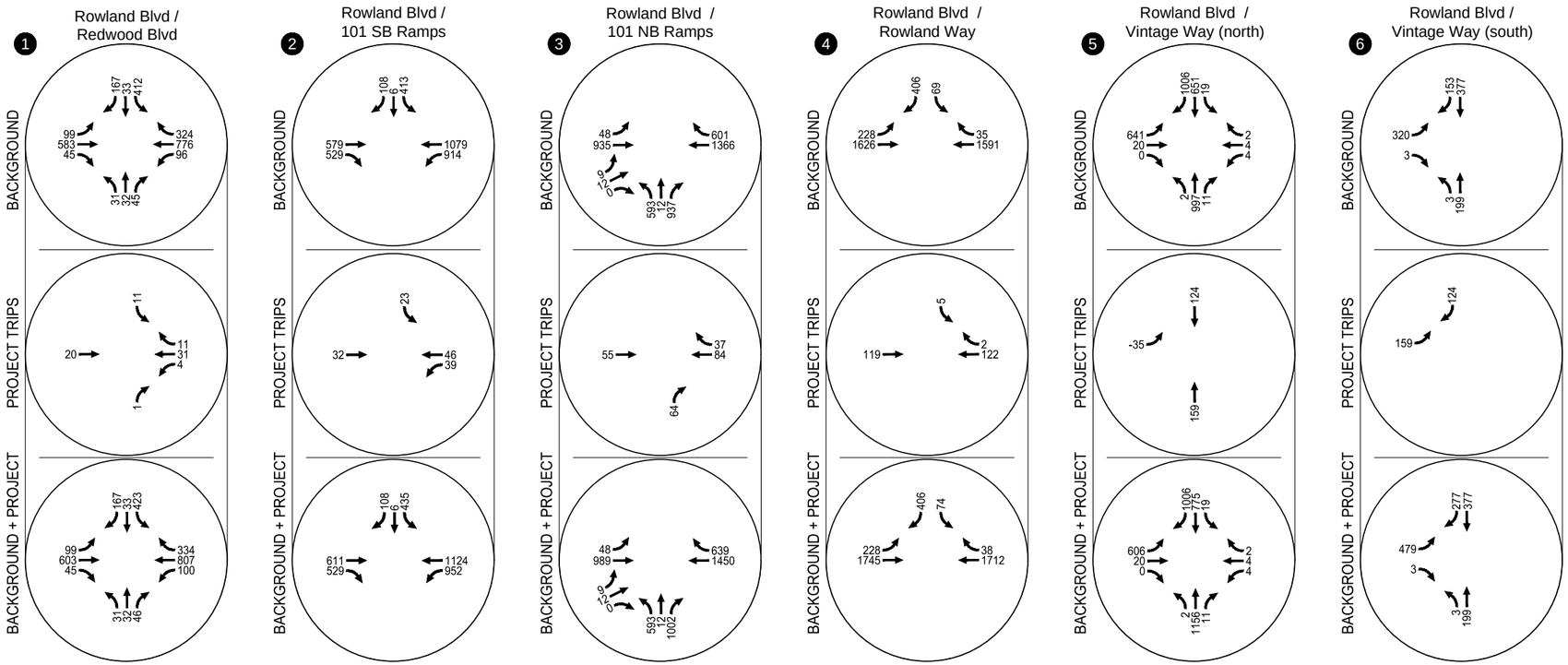
As shown in Table 10, all study intersections would operate acceptably at LOS D or better under Future plus Project conditions, except the Rowland Boulevard/ Vintage Way (north) intersection (#5) during the Saturday peak hour and the Rowland Boulevard/ Vintage Way (south) intersection (#6) during the weekday PM and Saturday peak hours. *Appendix E* includes Synchro output reports for Future plus Project conditions.

Table 10: Future Plus Project Conditions Intersection Operations

No.	Location	Control	Peak Hour	LOS Standard	Delay	LOS
1	Rowland Boulevard/ Redwood Boulevard	Signal	PM	D	29.0	C
			Sat		29.6	C
2	Rowland Boulevard/ US 101 SB Ramps	Signal	PM	D	28.1	C
			Sat		37.2	D
3	Rowland Boulevard/ US 101 NB Ramps	Signal	PM	D	42.9	D
			Sat		25.2	C
4	Rowland Boulevard / Rowland Way	Signal	PM	D	21.9	C
			Sat		32.0	C
5	Rowland Boulevard/ Vintage Way (north)	Signal	PM	D	30.4	C
			Sat		**55.9**	**E**
6	Rowland Boulevard/ Vintage Way (south)	AWSC	PM	D	**73.7**	**F**
			Sat		**95.9**	**F**

Source: Kittelson & Associates, 2024

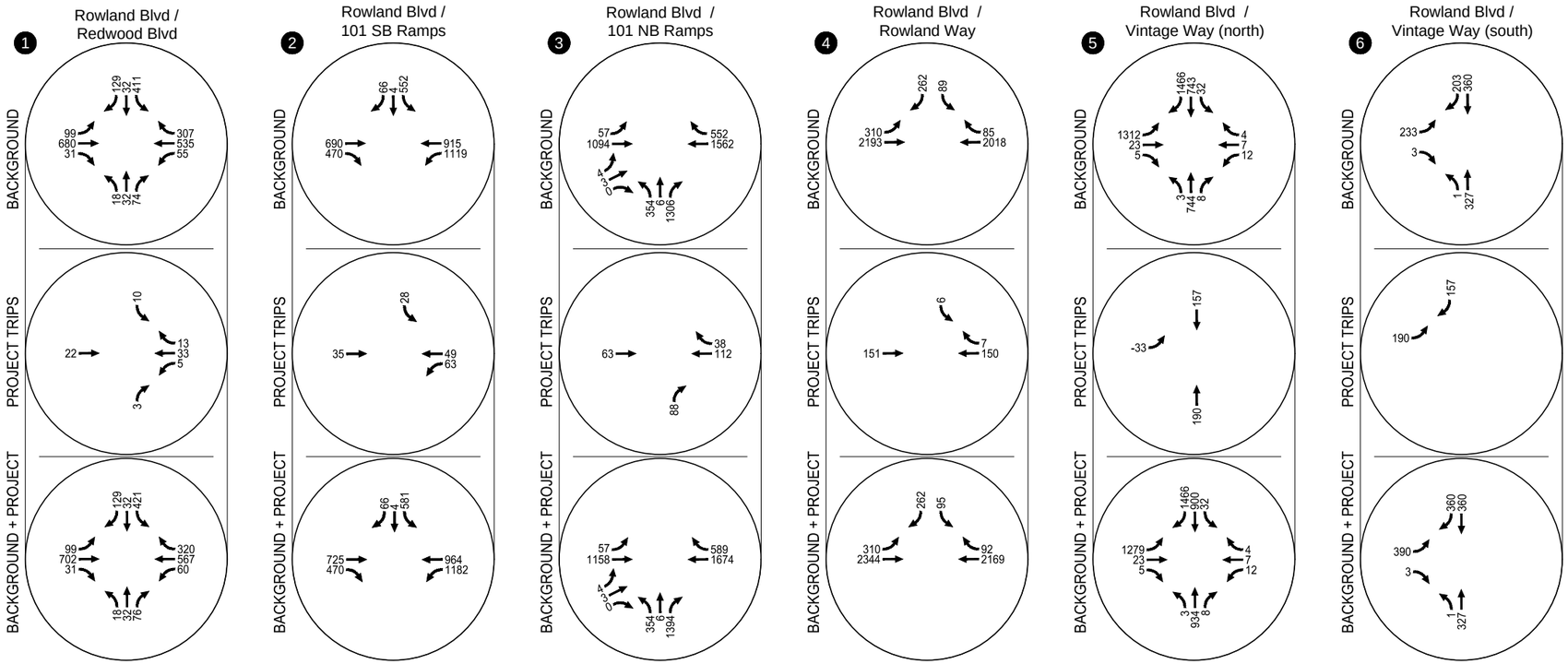
Note:
- Synchro 10th Edition and HCM 2000 methodology were used.
- **Bold** indicates intersection operates beyond the standard.
- AWSC: All-Way Stop Control
- Average delay in seconds is presented for signalized and stop control intersections.



Future Background + Project Volumes
Weekday PM Peak Hour
Novato, CA

Figure
12

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Future Background + Project Volumes
Saturday Midday Peak Hour
Novato, CA

Figure
13

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Recommended Improvements

To improve upon intersection operations at locations that would operate beyond the standard, Kittelson recommends the following improvements:

- Changes to traffic signal phasing (optimization) at the Rowland Blvd/Vintage Way (north) intersection (#5) on Saturday would improve traffic operations during the Saturday peak hour and bring operations to LOS B, within the City's standard.
- Incorporate a southbound right-turn lane pocket for approximately 150 feet on Rowland Blvd to increase capacity at the Rowland Blvd/Vintage Way (south) intersection (#6). This improvement should be made as part of future restriping improvements at this intersection when Rowland Boulevard is extended south into the Hanna Ranch site.

The City of Novato implemented changes to Rowland Boulevard from the 101 SB ramps to the southern terminus in 2022 that, in part, were targeted at improving traffic operations along the roadway and at key intersections. Those improvements are not reflected in this analysis.

Table 11 presents the operations at the intersections with the recommended improvements. *Appendix F* contains Synchro output reports.

Table 11: Future Plus Project Intersection Operations with Recommended Improvements

No.	Location	Control	Peak Hour	LOS Standard	Delay	LOS
5	Rowland Boulevard/ Vintage Way (north)	Signal	Saturday	D	19.2	B
6	Rowland Boulevard/ Vintage Way (south)	AWSC	PM	D	27.8	D
			Saturday		26.8	D

Source: Kittelson & Associates, 2024

Note:
- Synchro 10th Edition and HCM 2000 methodology were used.
- AWSC: All-Way Stop Control
- Average delay in seconds is presented for signalized and stop control intersections.

95TH PERCENTILE QUEUE LENGTHS

Kittelson utilized Synchro software, version 10, to analyze 95th percentile queues for informational purposes. The analysis was performed prior to improvements implemented by the City of Novato in 2022. 95th percentile queues represent worst-case conditions, occurring for three (3) minutes during the busiest time of day (i.e., 5% of the peak hour). Table 12 and Table 13 present 95th percentile queue lengths for intersections #2 through #5 for the weekday PM and Saturday midday peak hours, respectively. *Appendix G* contains Synchro queue analysis reports.

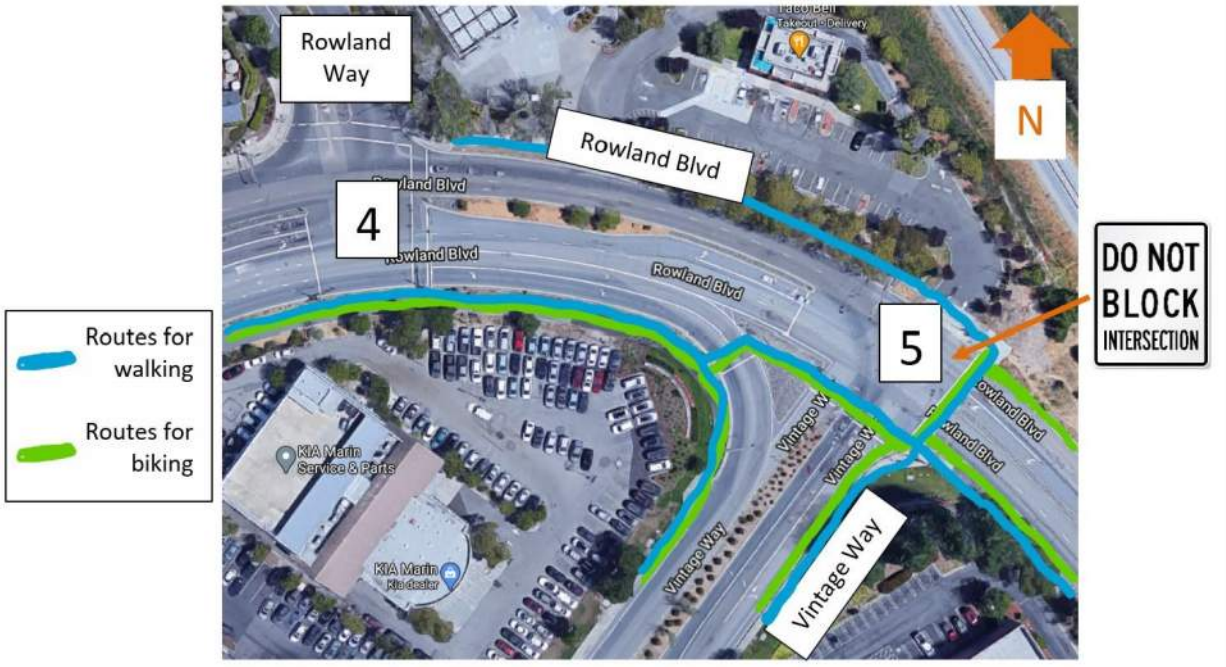
As presented in the tables, most intersection queues are expected to fit within the available storage capacity under all analysis scenarios. Exceptions to this finding are:

- Rowland Blvd/Rowland Way (#4) westbound through movement: expected to exceed available capacity during all scenarios other than Existing conditions, weekday PM peak hour
- Rowland Blvd/Vintage Way (north) (#5) southbound through movement: expected to extend into the upstream intersection under Future Plus Project conditions, Saturday peak hour

Additional analysis with optimization of traffic signal timing at both intersections demonstrated some improvement to traffic operations and some reduction in queue lengths. However, queuing for people driving westbound at Rowland Blvd/Rowland Way (#4) would continue to exceed the storage capacity between Rowland Way and Vintage Way. This means for a short period during the busiest time on weekday evenings, the queue at Rowland Way may extend back to Vintage Way, causing people at the Vintage Way intersection to wait briefly at that intersection even if they have a green light.

Figure 14 presents the segment of Rowland Blvd between Rowland Way and Vintage Way and illustrates the routes for people walking and biking in the area. As shown, the intersection at Vintage Way has crosswalks that provide connections for people walking and biking between the multi-use path coming from the freeway overpass along the south side of Rowland Blvd and the bike lanes and sidewalks along Vintage Way and the far side of Rowland Blvd. Today, the intersection has "DO NOT BLOCK INTERSECTION" signs.

Figure 14: Rowland Blvd between Rowland Way and Vintage Way



Source: Google Maps, Kittelson & Associates, Inc., 2024

Kittelson evaluated the queue spillback from the Rowland Blvd/Rowland Way (#4) intersection for potential adverse effects to people walking and biking at the Rowland Blvd/Vintage Way (north) (#5) intersection. As shown in Figure 14, the intersection at Vintage Way does not have a crosswalk on the west leg. Therefore, during the instances when a queue extends for the full length of the segment between the two intersections, people would not be walking across that side of the intersection where vehicles are at the tail of the queue. Additionally, the provision of "DO NOT BLOCK INTERSECTION" signs notifies drivers they should wait behind the crosswalks, and not block the intersection or roll forward across the crosswalk, if there is not room for them to continue fully through the intersection. The provision of crosswalks with dedicated pedestrian crossing phases plus the "DO NOT BLOCK INTERSECTION" signs provide appropriate indicators to people driving, walking, and biking about how and when to move through the intersection.

Kittelson also investigated the history of injury crashes at the Rowland Blvd/Vintage way intersection to see whether there is a history of crashes involving people walking and biking. In reviewing crash data for the five-year period of 2015-2019,[3] Kittelson found two vehicle-only injury crashes and zero bike- or pedestrian-involved crashes have occurred at the intersection. *Appendix H presents the 2015-2019 crash data at Rowland Blvd/Vintage Way.*

Traffic congestion, like the congestion that may already occur sometimes on Rowland Blvd and that is expected to occur in the future, results in low vehicle speeds. While drivers may perceive driving slowly as unpleasant, low vehicle speeds are correlated with safer roadway conditions for people walking and biking since all parties have time to see one another and stop before colliding. Likewise, higher vehicle speeds are correlated with uncomfortable condition for people walking and biking and are correlated with more severe injury and fatal crashes involving people walking and biking. Therefore, the queuing and congestion expected to occur on Rowland Blvd during the busiest periods do not substantially increase hazards due to a geometric design feature.

[3] Transportation Injury Mapping System online crash database, https://tims.berkeley.edu/

Table 12: 95th Percentile Queues, Existing and Existing Plus Project Conditions, (Intersections 2-5)

#	Intersection	Scenario	Northbound			Southbound			Eastbound			Westbound		
			Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
2	Rowland Boulevard/ US 101 SB Ramps	Storage	-	-	-	>1000	>1000	-	-	630	315	>1000	>1000	-
		Existing, Weekday PM	-	-	-	174	90	-	-	309	74	258	175	-
		Existing + Project, Weekday PM	-	-	-	186	100	-	-	330	75	325	173	-
		Existing, Saturday	-	-	-	251	132	-	-	351	75	>564	254	-
		Existing + Project, Saturday	-	-	-	268	140	-	-	368	76	>620	258	-
3	Rowland Boulevard/ US 101 NB Ramps	Storage	>1000	>1000	>1000	-	-	-	430	>1000	-	-	1125	200
		Existing, Weekday PM	318	318	395	-	-	-	78	342	-	-	271	55
		Existing + Project, Weekday PM	334	335	463	-	-	-	77	385	-	-	313	69
		Existing, Saturday	187	185	480	-	-	-	78	303	-	-	305	53
		Existing + Project, Saturday	187	185	524	-	-	-	72	430	-	-	339	74
4	Rowland Boulevard / Rowland Way	Storage	-	-	-	>500	-	>500	600	975	-	-	600	-
		Existing, Weekday PM	-	-	-	259	-	86	167	141	-	-	567	-
		Existing + Project, Weekday PM	-	-	-	>317	-	92	182	157	-	-	**656**	-
		Existing, Saturday	-	-	-	251	-	80	242	233	-	-	**939**	-
		Existing + Project, Saturday	-	-	-	261	-	80	242	266	-	-	**1142**	-
5	Rowland Boulevard/ Vintage Way (north)	Storage	-	>1000	-	85	520	420	720	550	-	-	65	-
		Existing, Weekday PM	-	>431	-	38	131	<25	174	<25	-	-	<25	-
		Existing + Project, Weekday PM	-	>541	-	37	179	<25	164	<25	-	-	<25	-
		Existing, Saturday	-	199	-	54	184	<25	458	<25	-	-	40	-
		Existing + Project, Saturday	-	294	-	54	261	<25	440	<25	-	-	40	-

Source: Kittelson & Associates, Inc., 2024

Intersections analyzed using HCM 2000 methodologies

Queue lengths reported in feet

Bold indicates queue exceeds available storage.

Table 13: 95th Percentile Queues, Future and Future Plus Project Conditions (Intersections 2-5)

#	Intersection	Scenario	Northbound			Southbound			Eastbound			Westbound		
			Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
2	Rowland Boulevard/ US 101 SB Ramps	Storage	-	-	-	>1000	>1000	-	-	630	315	>1000	>1000	-
		Future, Weekday PM	-	-	-	232	132	-	-	388	79	>395	174	-
		Future + Project, Weekday PM	-	-	-	246	139	-	-	404	81	>496	173	-
		Future, Saturday	-	-	-	315	160	-	-	420	82	>668	275	-
		Future + Project, Saturday	-	-	-	336	168	-	-	>462	82	>724	273	-
3	Rowland Boulevard/ US 101 NB Ramps	Storage	>1000	>1000	>1000	-	-	-	430	>1000	-	-	1125	200
		Future, Weekday PM	318	318	486	-	-	-	64	475	-	-	314	70
		Future + Project, Weekday PM	318	318	513	-	-	-	62	512	-	-	340	105
		Future, Saturday	187	185	569	-	-	-	64	>582	-	-	383	116
		Future + Project, Saturday	187	185	652	-	-	-	62	>636	-	-	423	153
4	Rowland Boulevard / Rowland Way	Storage	-	-	-	>500	-	>500	600	975	-	-	600	-
		Future, Weekday PM	-	-	-	>375	-	92	182	201	-	-	**735**	-
		Future + Project, Weekday PM	-	-	-	>396	-	97	182	224	-	-	**854**	-
		Future, Saturday	-	-	-	284	-	82	242	325	-	-	**>1525**	-
		Future + Project, Saturday	-	-	-	>294	-	81	242	367	-	-	**>1731**	-
5	Rowland Boulevard/ Vintage Way (north)	Storage	-	>1000	-	85	520	420	720	550	-	-	65	-
		Future, Weekday PM	-	>605	-	38	>347	<25	180	20	-	-	<25	-
		Future + Project, Weekday PM	-	>732	-	38	>448	<25	170	20	-	-	<25	-
		Future, Saturday	-	>415	-	54	>432	<25	478	23	-	-	40	-
		Future + Project, Saturday	-	>577	-	54	**>565**	<25	460	23	-	-	40	-

Source: Kittelson & Associates, Inc., 2024

Intersections analyzed using HCM 2000 methodologies

Queue lengths reported in feet

Bold indicates queue exceeds available storage.

VEHICLE MILES TRAVELED (VMT)

Kittelson performed an analysis of vehicle-miles traveled (VMT) associated with the Project to understand the change in regional VMT attributed to the Project. The methodology includes the following components:

- Change in regional VMT associated with existing members shifting their trips from other Costco facilities to the new facility
- Change in regional VMT associated with existing members shifting their gas trips from other non-Costco facilities to the new facility
- Change in regional VMT associated with employees traveling to and from the new facility

Proprietary Data

The VMT analysis was conducted using proprietary transaction data provided by Costco Wholesale for the following two existing Costco warehouses with on-site fuel facilities:

- 5901 Redwood Drive, Rohnert Park (Rohnert Park)
- 198 Plaza Drive, Vallejo (Vallejo)

The Rohnert Park fuel facility has 24 fueling positions; the Vallejo location has 16 fueling positions. The data used in this analysis include the following:

- Approximate home locations of Costco members who completed a gas transaction at either of the existing Costco fuel facilities in the Project area in September 2023, grouped into 1-square-mile zones;
- Number of member visits to the existing Costco fuel facilities in September 2023 in each 1-square-mile zone;
- Market areas of the existing Costco warehouses and fuel facilities and projected market area for the new facility.

Daily Trip Generation

Daily trip generation estimates were developed for the Project site (as shown previously in Table 6) as well as for the two existing Costco fuel facilities listed above. The trip generation estimates were developed using trip data and travel characteristics for Costco fuel facilities in California.

Table 14 presents the anticipated daily trip generation for the new fuel facility and the two existing facilities in the region.

Table 14. Daily Trip Generation for Regional Costco Fuel Facilities

Costco Gasoline Fuel Station	Novato	Rohnert Park	Vallejo
Total Daily Trips	**6,870**	**6,276**	**5,996**
Shared Warehouse + Gas Trips	**2,250**	**2,071**	**1,979**
Fuel Station-Only (Gas-Only) Trips	**4,620**	**4,205**	**4,017**
Primary Trips	1,405	1,262	1,205
Employee Trips	*8*	*8*	*8*
Truck Trips	*12*	*12*	*12*
Member Trips	*1,385*	*1,242*	*1,185*
Diverted Gas-Only Trips	1,560	1,430	1,366
Pass-by Gas-Only Trips	1,655	1,513	1,446

Source: Kittelson & Associates, Inc., 2024

All Costco member Project trips included in this analysis are assumed to be existing trips on the network. Due to the nature of gas purchases, members who would purchase fuel at the new Costco fuel facility are already purchasing gas somewhere today. Therefore, this analysis determines the change in regional VMT by calculating the difference between trip lengths associated with traveling to the new Costco fuel station versus traveling to an existing fuel station. Each trip type is described briefly below, including an explanation of how this analysis accounts for VMT associated with each type.

- **Shared Warehouse + Gas Trips** – A portion of the trips anticipated at the new fuel facility will be shared trips with the warehouse. These trips are assumed to already take place on the network – either as existing warehouse + gas trips at other Costco facilities or as two separate trips members take to shop at the Novato warehouse and to purchase gas elsewhere. The VMT for these trips is calculated by multiplying a portion of the shared warehouse + gas trips by an average trip distance associated with trips shifting from other Costco facilities, and multiplying a portion of the shared warehouse + gas trips by an average trip distance for trips shifting from other fuel stations.

- **Employee Trips** – Employee trips are evaluated separately from Costco member trips because average trip lengths for employees may differ from member trips. VMT is calculated by multiplying the expected number of daily employee shifts with an average VMT per employee, as provided by the Transportation Authority of Marin's (TAM) VMT webmap.[4]

[4] https://www.tam.ca.gov/travel-demand-model-traffic-monitoring/#vmtwebmap

- **Truck Trips** – Based on Section 15064.3 of the *Technical Advisory on Evaluating Transportation Impacts in CEQA* from the California Office of Planning and Research[5] (OPR), the VMT associated with trucks and the movement of goods is not required to be analyzed for potential transportation impacts. Therefore, truck trips are excluded from this analysis.

- **Primary Gas-Only Trips** – Primary gas-only trips (vehicles traveling to the site for the sole purpose of visiting the fuel facility) are assumed to be trips that already exist on the network today that will shift to the new Costco fuel facility. The difference in VMT associated with shifting these trips to the new facility is calculated based on the anticipated change in average trip lengths.

- **Diverted Gas-Only Trips** – Diverted gas-only trips (vehicles making an existing trip on the roadway that travel out-of-direction to visit the site) are assumed to be existing trips shifted from existing non-Costco gas stations near the Project site. The difference in VMT associated with shifting these trips to the new facility is calculated based on the anticipated change in average trip length.

- **Pass-by Gas-Only Trips** – Pass-by trips (vehicles making an existing trip on the adjacent roadway that stop at the site and then continue on their trip) are typically excluded from VMT calculations since pass-by trip lengths are assumed to be zero. Because the Project site is located at the far end a shopping center and thereby is offset from the arterial network, pass-by trip lengths for the Project are assumed to be trips made by people already at the shopping center, are assumed to be slightly greater than zero, and are included in the VMT calculations.

The OPR *Technical Advisory on Evaluating Transportation Impacts in CEQA* states:

> "Generally, lead agencies should analyze the effects of a retail project by assessing the change in total VMT because retail projects typically re-route travel from other retail destinations. A retail project might lead to increases or decreases in VMT, depending on previously existing retail travel patterns. … Because new retail development typically redistributes shopping trips rather than creating new trips, estimating the total change in VMT (i.e., the difference in total VMT in the area affected with and without the project) is the best way to analyze a retail project's transportation impacts."

Shifting Regional (Costco) Trips – Shared Warehouse + Gas Trips

The addition of a new Costco fuel facility provides another option for where Costco members would buy gas and therefore results in lower average trip lengths for some members within the Novato Costco

[5] https://opr.ca.gov/docs/20190122-743_Technical_Advisory.pdf

market area. This section presents the change in VMT associated with existing regional trips that are expected to shift to the new Costco fuel facility given its closer proximity than other Costco fuel facilities in the region.

A portion of the trips at the new Costco fuel facility are expected to be made by members who currently visit other regional Costco facilities and who will find the new facility more convenient (i.e., closer). They are expected to replace their existing trip with a trip to the new facility. This analysis assumes that 100% of these regionally shifted trips will be shared warehouse + gas trips – members who currently make shared trips to shop at the warehouse and get gas at Costco locations in Vallejo or Rohnert Park but who live closer to the Novato location are expected to shift these shared trips to the new location. These trips are also assumed to be 100% primary trips since existing shared pass-by and diverted trips to the other Costco locations would not be influenced by the opening of a new fuel facility in another city.

Existing gas-only trips made at the Vallejo and Rohnert Park Costco locations are not expected to shift to Novato since trips made strictly for the purpose of buying gas tend to be shorter than trips to shop at the warehouse and buy gas. It is assumed that gas-only trips made at Vallejo or Rohnert Park by members from Novato are trips made while those members are in those cities for other purposes. The new warehouse is located approximately 20 to 30 minutes from the two existing Costco facilities. Ten-minute "travel sheds" shown in Figure 15 are the areas from which a member could travel to/from each site within 10 minutes. As shown in the figure, the ten-minute travel sheds for the three Costco locations do not overlap, indicating that members who live within each travel shed would make home-based, or primary, gas-only trips to their local Costco and not to another Costco in the region.

The full proprietary transactions dataset includes transactions made by members who only bought gas during their visit to the Vallejo and Rohnert Park Costcos as well as gas transactions made by members who both shopped at the warehouse and bought gas during a visit to one of those Costcos. Since this analysis only considers primary shared warehouse + gas trips, a subset of the full dataset was isolated to estimate the existing primary trips made by members who go to the site to shop at a warehouse and also buy gas in a single trip. The spatial distribution of this dataset shows a greater portion of these trips are longer distance trips (compared to all gas transactions) since gas-only and pass-by and diverted trips, which are shorter trips, are not material to this analysis.

To measure the extent to which existing warehouse + gas trip lengths are reduced by Costco members replacing their existing Costco warehouse + gas trips with visits to the new facility, ArcGIS Online software was used to calculate average trip distances to the two existing Costco facilities and the new facility for two scenarios: without the Novato fuel facility and with it. The software routed member trips from each 1-square-mile zone to the existing Costco facility the member visited, according to the proprietary transaction data from September 2023. The same methodology was then applied assuming the presence of the new Novato facility and assuming members would visit the facility with the shortest travel time from their homes. The following provides more details regarding the methodology and assumptions of this analysis:

- The center of each 1-square-mile zone was used for the starting/ending point of member trips.
- Proprietary Costco data were used to estimate the number of existing primary shared warehouse + gas transactions at the two existing facilities between September 1, 2023 and September 30, 2023 by members who live within the combined market areas of the three existing warehouses.
- Each transaction is assumed to correspond to two one-way trips between the members' homes and the fuel facility (i.e., one roundtrip).
- To calculate the **average trip lengths to the two existing Costco fuel facilities**, trip distances between each 1-square-mile zone and the two existing facilities were computed using ArcGIS online software.
    - Trip routes were identified based on minimum travel time on the existing roadway network (as opposed to shortest distance since shorter distances along low-speed streets can result in longer travel times) and measured.
    - The trip distances were multiplied by the number of shared warehouse + gas trips made at each location by members within each 1- square-mile zone and summed to calculate the total of one-way distances traveled to each facility.
    - The total of one-way distances traveled was divided by the average daily trips to the given facility to compute the weighted average one-way trip length for each facility. Table 15 presents these average existing trip lengths for each facility.
- To calculate the **average trip lengths to the three fuel facilities when the new facility opens**, origin-destination pairings were revised using the ArcGIS online software.
    - To determine which members would shift their trips from an existing Costco fuel facility to the new one, it was assumed that if the travel time from a 1-square mile zone to the new facility was less than the travel time to either of the existing facilities, all members within that zone would choose to buy gas at the new facility once it opens. In other words, all warehouse + gas trips currently made by members from that zone to the Vallejo and Rohnert Park fuel facilities are assumed to shift to the new facility because it will take less time to travel to the Novato facility, making the shopping trip more convenient.
    - For zones that are closer by travel time to Vallejo or Rohnert Park, no shift was made, and trips by members in those zones were assumed to continue to be made to the existing facilities after the Novato location opens.

Table 15. Average Shared Warehouse + Gas Trip Lengths (Existing and with the Project)

Facility	Existing			With Project		
	Average Daily Transactions	Total Distance (One-Way)	Average Trip Length (One-Way)	Average Daily Transactions	Total Distance (One-Way)	Average Trip Length (One-Way)
Rohnert Park	658	7,346	11.2	561	4,893	8.7
Vallejo	603	4,010	6.6	589	3,588	6.1
Novato (New Facility)	0	0	0	112	1,507	13.5

Source: Kittelson & Associates, 2024

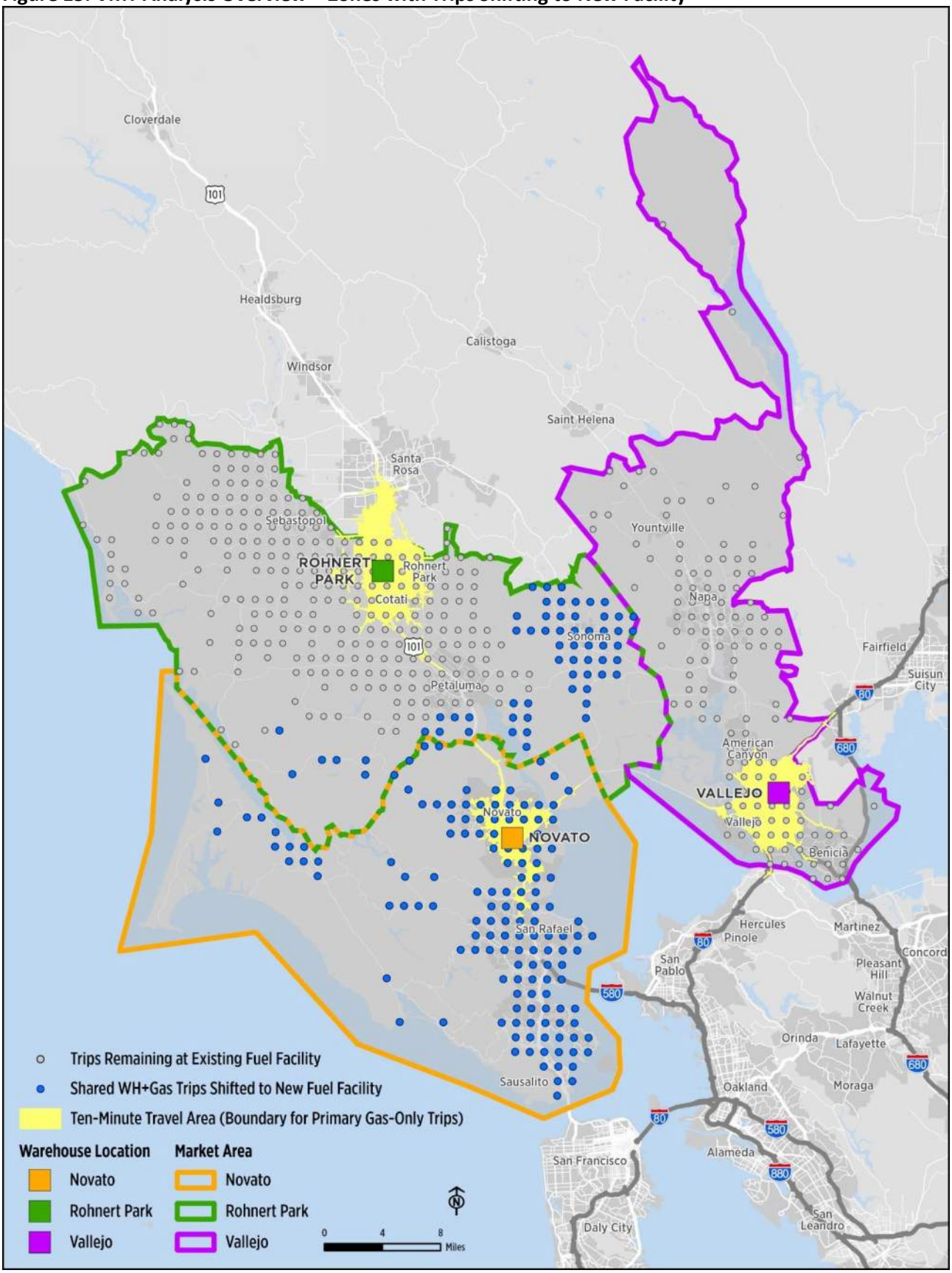
Figure 15 shows the 1-square-mile zones for Costco members in the region whose warehouse + gas trips are assumed to shift from an existing Costco fuel facility to the new one in Novato. Table 15 presents average trip lengths for shared warehouse + gas trips today and with the new fuel facility. The existing average daily transactions data in Table 15 are the number of shared warehouse + gas transactions at the existing facilities. Some of these transactions would shift to the new facility, and the data were used to establish proportions for transactions that would shift to Novato and those that would remain at Rohnert Park and Vallejo. These proportions were applied to the trip generation amounts in Table 14 to estimate the portion of warehouse + gas trips in the region that are expected to shift to Novato. Table 16 presents the expected change in regional VMT associated with shifting regional shared warehouse + gas trips from existing Costcos.

Table 16. Change in VMT Associated with Shifting Primary Warehouse + Gas Trips

	Existing			With Project		
	Average Trip Length	Daily Trips	Daily VMT	Average Trip Length	Daily Trips	Daily VMT
Rohnert Park	11.2	2,071	23,195	8.7	1,760	15,312
Vallejo	6.6	1,979	13,061	6.1	1,939	11,828
Novato (New Facility)	0	0	0	13.5	351	4,739
Total	-	4,050	**36,256**	-	4,050	**31,879**
Difference in Daily VMT (Future Minus Existing)						**(4,377)**

Source: Kittelson & Associates, 2024

Figure 15. VMT Analysis Overview – Zones with Trips Shifting to New Facility



Shifting Local (Non-Costco) Trips

The remainder of member trips not accounted for in the previous section are expected to be trips that exist on the roadway network today that would shift from other non-Costco gas stations in the Novato area to the new Costco fuel facility. These trips include the entirety of the Project gas-only trips and a portion of the Project warehouse + gas trips. This section provides details regarding changes to regional VMT associated with shifting different types of trips from non-Costco gas stations to the new Costco fuel facility.

Primary Gas-Only Member Trips

Of the 4,620 gas-only trips expected to be generated at the new fuel facility, 1,385 trips are expected to be primary gas-only trips that already exist on the transportation network today going to and from other non-Costco gas stations. To determine how regional VMT may change when these trips shift to the new Costco facility, average trip distances between member households and both the new Costco fuel facility as well as to non-Costco gas stations were estimated. The following provides more detail regarding the methodology and assumptions of this analysis:

- Only members whose home addresses are within about a 10-minute drive of the new Costco fuel facility in Novato were considered in this part of the analysis. While gas purchases are known in the transportation engineering industry to be purchases and trips of convenience, making 10 minutes seem like a long time to drive just to buy gas, this 10-minute assumption is derived from the observed willingness many Costco members have to spend more time to access the value Costco offers at its fuel stations than the willingness people generally show to drive to make a gas purchase of convenience. For example, data Kittelson has collected at dozens of Costco fuel facilities show Costco members will wait 10, 15, even 20 minutes to buy gas at Costco, demonstrating their willingness to spend time for the value of Costco gas. See Figure 15 for the area of the travel shed.
- Based on the 10-minute travel time shed and assuming a generally even distribution of member households within that shed, an average travel time of 5 minutes was used for Costco fuel facility trips. An average travel time of 2.5 minutes, correlating to a 5-minute travel shed, was used for non-Costco gas station trips since these trips are known in the industry to be more influenced by convenience than Costco gas trips are.
- Using Costco member household location data and the GIS analysis methods described in the previous section, an average speed of 30 miles per hour was estimated for trips between member households with the 10-minute travel shed and the new Costco fuel facility. An average speed of 20 miles per hour was used for non-Costco gas trips since a smaller portion of these trips take place on high-speed roadways; this assumption also ensures a conservative analysis. Average speed takes into consideration time spent while vehicles are moving at or around the speed limit as well as time spent slowing or stopped at intersections.

Based on this analysis, the computed average trip distance from members' homes to the nearest non-Costco gas station is approximately 0.83 miles and the average trip distance to the new Costco fuel facility

is 2.5 miles. As shown in Table 17, the existing VMT associated with the 1,385 primary gas-only trips to non-Costco gas stations is estimated to be 1,154 miles. If all these trips were shifted to the new Costco facility, VMT for these trips would become 3,463 miles, which represents an increase in daily regional VMT of 2,309 miles.

Table 17. Change in VMT Associated with Shifting Non-Costco Primary Gas-Only Trips

	Existing	With Project	Difference
Number of Trips	1,385	1,385	-
Average Trip Length (miles)	0.83	2.5	1.67
Daily VMT	1,154	3,463	**2,309**

Source: Kittelson & Associates, Inc., 2024

Diverted Gas-Only Member Trips

Diverted trips are trips associated with members who are traveling on the surrounding street network for some other primary purpose and stop by the fuel facility during that trip. Diverted trips for the Project are likely to originate from US-101. For the purpose of this analysis, half of the diverted trips were assumed to be traveling northbound on US-101 and half traveling southbound.

To calculate the change in regional VMT associated with diverted gas-only trips, diverted trip distances were first calculated for members diverting from their primary trip to visit existing non-Costco gas stations in the vicinity of the Costco site.[6] Then, diverted trip distances were calculated from the same point of diversion to the Novato fuel facility. The total number of diverted trips are then multiplied by the distance between non-Costco gas stations and by the distance to the new Costco facility to calculate existing and with-Project VMT for each diversion route.

Table 18 presents the findings of this analysis. As shown in the table, there is a slight difference between the average diverted trip distance for the non-Costco gas stations and the new Costco fuel facility, resulting in an increase in daily regional VMT of 1,607 miles.

[6] Chevron (22 Rowland Way); Matt and Jeff's Gasoline (125 Vintage Way); Shell (1390 S Novato Blvd); 76 (375 Ignacio Blvd); Shell (5821 Nave Dr)

Table 18. Change in VMT Associated with Shifting Non-Costco Diverted Gas-Only Member Trips

	Diverted Trip Distance (mi.)			Number of Daily Diverted Trips	Daily VMT
	US-101 NB	US-101 SB	Average		
Non-Costco Gas Stations (Existing)	0.64	0.80	0.72	1,560	1,123
Novato Fuel Facility (With Project)	1.4	2.1	1.75	1,560	2,730
Change in Daily VMT					**1,607**

Source: Kittelson & Associates, 2024

Pass-by Gas-Only Member Trips

Typically, VMT associated with pass-by trips is assumed to be zero since pass-by trips are existing trips on the network that require no out-of-direction travel. However, since the Project site is located more than half a mile south of Rowland Boulevard and is located within a shopping center, this analysis treats pass-by trips as trips originating somewhere within the shopping center, and it assumes an out-of-direction travel distance in the VMT calculations. These new Project pass-by trips are assumed to replace existing pass-by trips at other nearby non-Costco gas stations. The pass-by trip distance associated with the existing trips to non-Costco gas stations is assumed to be zero. Table 19 provides the increase in daily regional VMT expected due to pass-by trips to the Project.

Table 19. Change in VMT Associated with Shifting Non-Costco Pass-By Gas-Only Trips

	Existing	With Project	Difference
Number of Trips	1,655	1,655	-
Average Trip Length (miles)	0	0.3	0.3
Daily VMT	0	497	**497**

Source: Kittelson & Associates, 2024

Shared (Internal) Warehouse + Gas Trips

As described previously in the Shifting Regional (Costco) Trips section, a portion of the trips anticipated at the new fuel facility would be shared trips with the warehouse, when members shop at the warehouse and also buy gas during a single visit to the Costco site. Although they account for a trip to both the warehouse and the fuel facility, these trips to the site are already on the street network today since members are already making trips to the warehouse. A portion of these warehouse + gas trips are assumed to be existing trips shifted from other Costco sites (as described in the previous section). The remainder of these internal trips are anticipated to replace existing trips to non-Costco gas station in the area, eliminating these separate trips from the street network and the VMT associated with them.

To calculate the change in VMT associated with this trip type, it was assumed that Costco members making a new internal trip to the fuel facility were previously making the same proportion of trip types as the data show for daily trips (i.e., the same percentage of gas-only diverted, pass-by, and primary trips relative to total gas-only trips). It was also assumed that these members were making these separate gas trips as a matter of convenience. Therefore, the average trip lengths calculated to these non-Costco facilities in the previous sections (see Table 17 and Table 18) were used here to estimate VMT.

As shown in Table 20, replacing these existing non-Costco gas trips with shared warehouse + gas trips will reduce daily regional VMT by approximately 821 miles.

Table 20. Change in VMT Associated with Shared Warehouse + Fuel Facility Member Trips

Trip Type	Number of Daily Trips	Existing (Separate Gas Trip)		With Project (Shared WH + Gas Trip)		Change in Daily VMT
		Average Trip Distance	Daily VMT	Average Trip Distance	Daily VMT	
Primary	324	0.83	270	0	0	-270
Diverted	765	0.72	551	0	0	-551
Pass-by	810	0	0	0	0	0
Total	1,899[1]	-	**821**	0	**0**	**-821**

[1] 2,250 total internal trips – 351 expected to shift from other Costco facilities; 1,899 remaining trips expected to shift from non-Costco gas stations.

Source: Kittelson & Associates, 2024

All Shifting Local (Non-Costco) Trips

The total change in VMT associated with shifting local (non-Costco) trips is calculated in Table 21.

Table 21. Change in VMT Associated with all Shifting Local (non-Costco) Trips

Member Trip Type	Existing Daily VMT	With Project Daily VMT	Change in Regional Daily VMT
Shifting Non-Costco Primary Gas-Only	1,154	3,463	2,309
Shifting Non-Costco Diverted Gas-Only	1,123	2,730	1,607
Shifting Non-Costco Pass-by Gas-Only	0	497	497
Shared Warehouse + Fuel Facility	821	0	-821
Total VMT	**3,098**	**6,690**	**3,592**

Source: Kittelson & Associates, 2024

Employee Trips

The Project is expected to require two employees on site to operate the facility. With two shifts occurring daily, these four employees are expected to make eight daily trips. The VMT associated with these eight trips was estimated to be about **83 miles** using an average VMT per employee of 20.7, which is the Marin County average VMT per employee by the Transportation Authority of Marin Demand Model (TAMDM) VMT webmap.[7] The VMT per employee value used in this analysis reflects the Marin County average in 2015 (20.7); this was used to ensure a conservative analysis, as the 2040 average provided is 19.6.

Overall Change in Regional Daily VMT

Table 22 presents the change in regional daily VMT associated with the opening of the proposed new Costco fuel facility at the existing Novato Costco warehouse. The change in total regional daily VMT is calculated by comparing the existing VMT by Costco members in the region and VMT by members and employees after the new facility is opened. As presented in the table, the change in total regional daily VMT associated with the Project is estimated to be a net decrease of 702 miles.

Table 22. Change in Regional Daily VMT Associated with Project

Trip Type	Existing VMT	With Project VMT	Change in Regional Daily VMT
Shifting Regional Trips (Existing Costco Trips)	36,256	31,879	-4,377
Shifting Local Trips (Existing Non-Costco Trips)	3,098	6,690	3,592
Employee Trips	0	83	83
Total VMT	**39,354**	**38,652**	**-702**

Source: Kittelson & Associates, 2024

NON-AUTO MODE OF TRAVEL ASSESSMENT

The Project is a new fuel station providing for the sale of gasoline and no other goods or services. Due to the nature of this land use, the Project is expected to generate vehicle trips and not generate a substantive amount of pedestrian, bicycle, or transit trips. The fuel station itself likely will not generate pedestrian activity since the only service provided is the sale of gasoline; Costco fuel stations do not have a convenience store. Therefore, Project impacts to non-auto modes of travel would be ***less than significant***.

[7] https://www.tam.ca.gov/travel-demand-model-traffic-monitoring/#vmtwebmap

CONCLUSIONS

The results of the traffic impact analysis indicate the proposed Costco Gasoline fuel station can be accommodated within Novato while not increasing regional daily VMT and while maintaining acceptable levels of service on the surrounding transportation system with recommended improvements in place. The findings of the transportation impact analysis are summarized and recommended Project-related improvements to the transportation network are discussed in this section.

PROJECT IMPACTS

The VMT analysis indicates the addition of the Project-related VMT would result in a net decrease in regional daily VMT of 702 vehicle-miles. Therefore, Project impacts would be ***less than significant***.

Due to the nature of this land use, the Project is expected to generate vehicle trips and not generate a substantive amount of pedestrian, bicycle, or transit trips. The fuel station itself likely will not generate pedestrian activity since the only service provided is the sale of gasoline; Costco fuel stations do not have a convenience store. Therefore, Project impacts to non-auto modes of travel would be ***less than significant***.

RECOMMENDED IMPROVEMENTS

The Project would result in traffic operations below the City's standard of LOS D at the Rowland Blvd/Vintage Way (north) signalized intersection and the Rowland Blvd/Vintage Way (south) all-way stop controlled intersection. Therefore, Kittelson recommends the following improvements to improve operations at intersection projected to operate beyond the standard:

Intersection #5 Improvement: Revise signal phasing to optimize green-time allocation relative to anticipated future volumes.

Intersection #6 Improvement: Incorporate a southbound right-turn lane pocket for approximately 150 feet on Rowland Blvd as part of restriping improvements along that street.

Vintage Way Improvement: Restripe approximately 200' of Vintage Way to provide a left-turn lane into the driveway nearest the planned Costco fuel station and provide a class III bike route with sharrow markings and signs.

Peer Review Memorandum

March 4, 2024

Mr. Brett Walker, AICP
City of Novato
922 Machin Avenue
Novato, CA 94945

DRAFT Peer Review of the Novato Costco Fuel Station Transportation Impact Analysis (2024)

Dear Mr. Walker;

As requested, W-Trans has completed a peer review of the *Transportation Impact Analysis: Costco Fuel Station Addition*, February 2024, prepared by Kittelson & Associates. The Transportation Impact Analysis (TIA) is an update of a report originally submitted to the City of Novato in December 2020. The operational analyses are largely unchanged from the 2020 report, while the Vehicle Miles Traveled (VMT) analysis has been substantially updated.

Operational Analysis

The TIA contains results of analyses of non-CEQA topic areas including intersection Level of Service (LOS) based on traffic counts and physical conditions present in 2019. W-Trans has reviewed traffic volume data for Rowland Boulevard in the study area obtained in September 2023, and found the newer volumes to be lower than the 2019 volumes used in the TIA. In addition to decreases in traffic volumes, the City of Novato implemented roadway and intersection improvements on Rowland Boulevard in 2022 that have resulted in better lane utilization and traffic operation. Given these improvements and decreases in traffic volumes, operation is likely to be somewhat better than shown in the TIA. The operational analysis contained in the TIA therefore adequately assesses the project's effects on traffic operation, though it should be considered conservative.

Similarly, the queuing analysis would be expected to overstate current conditions. The queuing impact as addressed in the TIA would therefore be considered less than significant.

Non-Auto Modes

The TIA assesses potential impacts to pedestrians, bicyclists, and transit users. The report's findings are consistent with those described in the original 2020 report. It is noted that since that time, the City completed a new 0.55-mile-long protected bikeway along Rowland Boulevard between Vintage Way North and Vintage Way South. W-Trans concurs with the TIA findings that the project would have a less-than-significant impact on non-auto modes.

Vehicle Miles Traveled

VMT analysis has been an evolving field since it became a required component of transportation-based CEQA analyses in 2020, particularly for land use types such as fuel stations that are not specifically addressed in the *Technical Advisory on Evaluating Transportation Impacts in CEQA*, Governor's Office of Planning and Research (OPR), 2018. While many jurisdictions consider fuel stations to be "local-serving retail" that tends to redistribute rather than generate new VMT in a region, thereby being screened from needing to conduct a quantitative VMT analysis, the City of Novato determined that a robust quantitative VMT analysis should be prepared for the proposed Costco Fuel facility given its particular characteristics and location.

The quantitative VMT analysis contained in the TIA has been substantially updated since the original 2020 report. W-Trans finds the updates to be appropriate given the knowledge and experience gained over the past several years as similar CEQA analyses have been performed, and also finds the methodology and discussions to be organized more clearly than in the original report.

The VMT analysis quantifies the project's potential changes to regional VMT in three primary categories: changes related to Costco members shifting their trip from a different Costco fuel facility to the proposed Novato facility, changes related to Costco members shifting their fuel purchases from a non-Costco gas station to the proposed Novato facility, and changes associated with fuel station employees traveling to the proposed Novato facility. The analysis further breaks down VMT categories to consider diverted and pass-by versus primary trips, as well as trips shared with a stop at the Costco warehouse. Some components of the analysis rely on proprietary transaction data provided by Costco to Kittelson & Associates. W-Trans finds the use of proprietary market information to be acceptable since it has the potential to be considerably more accurate than broader data sources (such as trip generation rates published by the institute of Transportation Engineers), provided that the information appears reasonable and is supported by evidence. The TIA provides adequate information on the sources of data and methodologies used in the VMT analysis; the trip length estimates derived from proprietary transaction data also appears to be reasonable in considering the locations of the nearest Costco fuel facilities in Rohnert Park and Vallejo as well as the likelihood for different categories of customers to shift their fuel purchases to Novato.

The conclusion in the TIA is that the proposed Novato Costco fuel facility would result in a slight reduction to regional VMT, thereby creating a less-than-significant VMT impact. While the proposed project would result in increased VMT associated with local non-Costco fuel purchases shifting to the new facility as well as travel generated by new employees, those increases would be offset by some existing Costco fuel center trips diverting to the new (closer) facility.

W-Trans finds the quantitative VMT analysis performed by Kittelson & Associates for the proposed Novato Costco fuel facility to use reasonable methodologies, include adequate explanation, and provide sufficient evidence to support the less-than-significant VMT impact determination.

Thank you for giving W-Trans the opportunity to provide these services. Please call if you have any questions.

Sincerely,

Zachary Matley, AICP
Principal

JZM/jzm/NOV142-2

DRAFT

Appendix E

Air Quality and Greenhouse Gas Assumptions and Calculations

Assumptions and Calculation

Novato Costco
General Assumptions

Project Characteristics

Project Location	Air District
	BAAQMD
Climate Zone	5
Urbanization	Urban
Operational Year (Buildout)	2025
Construction Year	2024
Utility Company	Pacific Gas and Electric
Address	300 Vintage Way

Project Land Use	# spaces/# Pumps	sqft	Ksf	acres	CalEEMod Use
Parking lot	62			1.15	Parking lot
Gasoline/Service Station	28	125	0.125	0.00	Gasoline/Service Station
Total				1.15	

Novato Costco
Construction Assumptions

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Construction Assumptions below.

Project Schedule:

Phase Name	Start Date	End Date	Days/Week	Default Total Days	Revised % days	Projet
Demolition & Excavation	11/1/2024	11/29/2024	5	20		
Building Construction	11/30/2024	2/1/2025	5	46		
Paving	12/26/2024	1/22/2025	5	20		
Architectural Coating	1/23/2025	2/5/2025	5	10		
				66		

Note:

While it is possible that construction will not start until 2025, construction was assumed to start in 2024 to provide maximum flexibility for the project as the 2024 construction start assumes a different, less efficient construction fleet than would be assumed in 2025.

Offroad Equipment Default equipment used unless otherwise noted

	Type	*# Units*	*UsageHours*	*HorsePower*	*LoadFactor*	*Note*
Demolition	Tractor/Loader/Backhoes	3	8	84	0.37	
	Rubber Tired Dozer	1	8	367	0.4	
	Concrete/Industrial Saw	1	8	33	0.73	
	Excavator	1	8	36	0.38	Added due to excavation of tank site.
Building Construction	Crane	1	6	367	0.29	
	forklift	1	6	82	0.2	
	generator set	1	8	14	0.74	
	tracktor/loader/backhoe	1	6	84	0.37	
	welders	3	8	46	0.45	
Paving	tracktor/loader/backhoe	1	8	84	0.37	
	Pavers	1	5	81	0.42	
	Paving Equipment	1	8	89	0.36	
	Rollers	1	7	36	0.38	
	Cement and Mortar Mixers	1	6	10	0.56	
Architectural Coating	Air Compressor	1	6	37	0.48	

Trips and VMT

	Worker	Vendor	Haul # Trucks	# Trips	trips/day	
Excavation	Default	Default	108	216	11	Export
			99	198	10	Import
Demolition	Default	Default	default	default	40.15	Demolition removal
					61	Total

Novato Costco
Construction Assumptions

Dust from Material Movement

Excavation and burial of 4 tanks

Tank Area	Export			Import		
	80.0	Ft. long		4,240.0	sqft	Pit area
	53.0	Ft. wide		745.5	sqft	1, 40,000 gallon take area
	4,240.0	sqft		64	sqft	1,500 gallon tank area
	16.0	ft depth		2,300.5	sqft	Total Tank Area
	67,840.0	cubic feet		1,939.5	sqft	backfill area
	2,512.6	cubic yards	excavation	11.0	ft depth of backfill	
				21,334.5	sqft	
	5.0	ft depth backfill		790.2	cyds	back fill area
	21,200.0	sqft backfill				
	785.2	cubic yard backfill		1.4	tons per cy	(Pea gravel needs) ; https://www.homedit.com/calculators/gravel-calculator/#:~:text=What%20is%20this%3F&text=To%20manually%20calculate%20how%20much,to%20tons%2C%20multiply%20by%201.4.
	1,727.4	cubic yards of export		1.5	tons per cy	crushed stone; https://www.omnicalculator.com/construction/crushed-stone
	16	cyd per truck		12 to 20	tons per truck	https://homeguide.com/costs/gravel-prices
	108	# Trucks		1185.25	tons of crushed stone	
				99	# trucks	

Demolition

Asphalt Removal

4200	lbs/cubic yard	https://www.rolloffdumpsterdirect.com/debris-weight-guide/
2.1	tons/cubic yard	https://www.rolloffdumpsterdirect.com/debris-weight-guide/
1.15	acres	
43,560	square feet per acre	
50,094	square feet per acre	
1	depth	
25,047	cubic feet	
928	cubic yards	
1,948.10	tons	

Novato Costco
Operational Emissions

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Operational Assumptions below.

Mobile Sources

Vehicle Trips: 4,620 daily trips * Kittelson & Associates, Incl. Feb 2024 9240 4,620

25.1 trips per size

82.5

Total Daily Trips		*Proposed*				*Alternative 2*		
	Primary	1405				1265		
		Employee	8			Employee	8	
		Member	1385			Member	1245	
		Truck	12	0.002597403		Truck	12	0.002883922
	Diverted	1550				1405		
	Passby	1665				1491		
		4620	Total			4161	Total	104.025
		4608	gas			4149	gas	
		12	diesel			12	diesel	

Source Kittelson & Associates, Inc.. Costco Gasoline Fuel Station Addition, February 24, 2024

Proposed Fleet Mix	HHD%	LDA%	LDT1%	LDT2%	MCY%		
	0.3578	48.7198	5.0830	25.4275	2.6479	default	
		0.595028044	0.06207957	0.310552717	0.032339669	% default gas	1.0000
Proposed		59.50280437	6.207957029	31.05527174	3.233966863	Project	100.0000
Alternative 2		59.50280437	6.207957029	31.05527174	3.233966863	Project	100.0000

	Proposed	Alternative 2			
Assumes	13.50	9.3	VMT per car trp	(Kettleson)	
	30.00	30	VMT per Truck Trip	Nearest refineries	
	-702.00	1,447.00	Change in Daily Regional VMT	From Kittelson	-52 trips per day
	360	360	Daily VMT from Trucks		

Notes: Reduction in VMT modeled in main analysis. For AQ/GHG Analysis. This accounts for the regional change in emissions.

Daily VMT from trucks modeled separately in CaleeMOD

TAC analysis includes the emissions for the 1405 new trips to the site. (Modeled Separately in CalEEMod)

Novato Costco
Operational Emissions

Area Sources CalEEMod Defaults Used

Energy Use

Natural Gas Removed

1,296	kWh/year	default based on building size	Not used in analysis
36,758.63	kWh/year	default based on # of pumps	Used in Analysis
26250.85	kWh/year	Default based on 20 pumps for Alternative 2	

Water Use CalEEMod Defaults Used

Solid Waste CalEEMod Defaults Used

Novato Costco
Operational Mobile Emissions

Mobile Emissions

	Lbs/day						MT/day	MT/year CO2e	
	ROG	NOx	CO	SO2	PM10	PM2.5			
Car	-0.78	-0.51	-4.36	-0.01	-0.96	-0.25		-153.00	From CalEEMod
Truck	0.6	5.8	3.24	0.04	1.07	0.33		692.00	From CalEEMod
Car (idle)	1.568569	0.117883	1.795666	0.003602	0.012028	0.011059	4.08E-01	148.98	
Truck (idle)	0.011842	0.136231	0.152979	0.000228	9.05E-05	8.66E-05	1.09E-02	3.96	
Total	1.400411	5.544114	0.828645	0.03383	0.122119	0.091146		691.9381	

	Tons/year						
Car	-0.14	-0.09	-0.8	-0.005	-0.17	-0.04	From CalEEMod
Truck	0.11	1.06	0.59	0.01	0.19	0.06	From CalEEMod
Car (idle)	0.286264	0.021514	0.327709	0.000657	0.002195	0.002018	
Truck (idle)	0.002161	0.024862	0.027919	4.16E-05	1.65E-05	1.58E-05	
Total	0.258425	1.016376	0.145628	0.005699	0.022212	0.022034	

Member Vehicle Queuing

3958	queuing minutes per day (Kettleson via Rambol)	2.857762 min/vehicle
17	hours per day operation	
232.82353	hours per day of queuing emissions	
1385	Number of Vehicle Members	

Emission Rates

Idle emissions based on RunEx (EMFAC2021)

	NOx	CO	SO2	PM10	PM2.5	ROG	Total	CO2	CH4
gr/hr	0.229673	3.498523	0.007018	0.023434	0.021547	0.229673		1751.909	0.041077
gr/min	0.003828								
gr/day	53.47329	814.5385	1.633879	5.456059	5.016645	53.47329		407885.5	9.563599
lbs/day	0.117883	1.795666	0.003602	0.012028	0.011059	0.117883			
MT/day								4.08E-01	9.56E-06
GWP								1	28
CO2e							4.08E-01	4.08E-01	2.68E-04

HotSoak (CalEEMod)

	ROG
gr/trip	0.095954
trips/day	6,858
gr/day	658.0505
lbs/day	1.450686

Novato Costco
Operational Mobile Emissions

Fuel Delivery Truck Idling

10	minutes idling
12	trucks per day
120	minutes per day
2	hours per day

Emission Rates

Idle emissions based on RunEx (EMFAC2021)

	NOx	CO	SO2	PM10	PM2.5	ROG	Total	CO2	CH4
gr/hr	30.8981	34.69656	0.051752	0.020536	0.019647	2.685895		5424.46	0.109987
gr/day	61.79621	69.39312	0.103504	0.041071	0.039294	5.371789		10848.92	0.219974
lbs/day	0.136231	0.152979	0.000228	9.05E-05	8.66E-05	0.011842			
								1.08E-02	2.20E-07
								1	28
							1.09E-02	1.08E-02	6.16E-06

Novato Costco
EMFAC Output - NO_2

Truck Diesel Vehicles	
NO2 Running (grams/mi)	**Idle (grams/hr)**
2.16570262	30.8981

	Gasoline Vehicles		Population
	NO2 Running (grams/mi)	**Idle (grams/mi)**	
LDA	0.04133138	0.07679	40354.36
LDT1	0.10945599	0.215884	3430.31
LDT2	0.05341123	0.100585	21010.51
			64795.18
Weighted	0.04885497	0.091869	(gr/mi)
Adjusted		0.229673	(gr/hr)

2.5 Multiplying the RUNEX emissions rate for 5 MPH by 2.5 mph/hr will produce the approximated idle emissions rates in grams per hour.

Novato Costco
EMFAC Output - NO_2

calendar_y	season_mo	sub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2025	Annual	Marin (SF)	HHDT	Dsl			IDLEX		NOx	30.8981
2025	Annual	Marin (SF)	HHDT	Elec			IDLEX		NOx	0
2025	Annual	Marin (SF)	HHDT	NG			IDLEX		NOx	12.46668
2025	Annual	Marin (SF)	HHDT	Dsl	70	30	RUNEX	35	NOx	2.165703
2025	Annual	Marin (SF)	HHDT	Dsl	70	30	RUNEX	5	NOx	11.26461
2025	Annual	Marin (SF)	HHDT	Elec	70	30	RUNEX	35	NOx	0
2025	Annual	Marin (SF)	HHDT	Elec	70	30	RUNEX	5	NOx	0
2025	Annual	Marin (SF)	HHDT	Gas	70	30	RUNEX	35	NOx	10.57413
2025	Annual	Marin (SF)	HHDT	Gas	70	30	RUNEX	5	NOx	18.69339
2025	Annual	Marin (SF)	HHDT	NG	70	30	RUNEX	35	NOx	1.265615
2025	Annual	Marin (SF)	HHDT	NG	70	30	RUNEX	5	NOx	7.2213
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	9999	NOx	17.85329
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	720	NOx	17.85329
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	660	NOx	17.52788
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	600	NOx	17.15496
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	540	NOx	16.72805
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	480	NOx	16.23836
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	420	NOx	15.67358
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	360	NOx	15.01567
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	300	NOx	14.23667
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	240	NOx	13.28973
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	180	NOx	12.08703
2025	Annual	Marin (SF)	HHDT	Dsl			STREX	120	NOx	10.43142
2025	Annual	Marin (SF)	LDA	Gas	70	30	RUNEX	35	NOx	0.041331
2025	Annual	Marin (SF)	LDA	Gas	70	30	RUNEX	5	NOx	0.07679
2025	Annual	Marin (SF)	LDT1	Gas	70	30	RUNEX	35	NOx	0.109456
2025	Annual	Marin (SF)	LDT1	Gas	70	30	RUNEX	5	NOx	0.215884
2025	Annual	Marin (SF)	LDT2	Gas	70	30	RUNEX	35	NOx	0.053411
2025	Annual	Marin (SF)	LDT2	Gas	70	30	RUNEX	5	NOx	0.100585

Novato Costco
EMFAC Output - ROG, PM_{10}, $PM_{2.5}$

Truck Diesel Vehicles						
TOG		**PM10**		**PM2.5**		
Running (grams/mi)	**Idle (grams/hr)**	**Running (grams/mi)**	**Idle (grams/hr)**	**Running (grams/mi)**	**Idle (grams/hr)**	
0.017384248	2.685894657	0.00939852	0.020535502	0.00899194	0.019647	

	Gasoline Vehicles					PM10	PM2.5	
	TOG							Population
	Running (grams/mi)	**Idle (grams/mi)**	**Start (gr/start)**	**Evap (gr/start)**		**Running (grams/mi)**	**Running (grams/mi)**	
LDA	0.013743539	0.095850986	0.03155012	0.096229892		0.009059	0.0083292	40354.36
LDT1	0.037513378	0.241588556	0.0585478	0.187047383		0.012305	0.0113144	3430.31
LDT2	0.014024541	0.096769113	0.03788489	0.081455441		0.0095	0.0087348	21010.51
								64795.18
Weighted	0.015093052	0.103864168	0.03503352	0.096247076		0.009374	0.0086188	
Adjusted		0.259660419			gr/hr	0.023434	0.021547	

2.5 Multiplying the RUNEX emissions rate for 5 MPH by 2.5 mph/hr will produce the approximated idle emissions rates in grams per hour.

Novato Costco

EMFAC Output - ROG, PM_{10}, $PM_{2.5}$

calendar_y	season_mo	sub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2025	Annual	Marin (SF)	MCY	Gas			DIURN		TOG	0.18
2025	Annual	Marin (SF)	LDT2	Phe			DIURN		TOG	0.013136
2025	Annual	Marin (SF)	LDT2	Gas			DIURN		TOG	0.058889
2025	Annual	Marin (SF)	LDT1	Phe			DIURN		TOG	0.011854
2025	Annual	Marin (SF)	LDT1	Gas			DIURN		TOG	0.130105
2025	Annual	Marin (SF)	LDA	Phe			DIURN		TOG	0.01815
2025	Annual	Marin (SF)	LDA	Gas			DIURN		TOG	0.067916
2025	Annual	Marin (SF)	HHDT	Gas			DIURN		TOG	0.435315
2025	Annual	Marin (SF)	MCY	Gas			RUNLOSS		TOG	15.03517
2025	Annual	Marin (SF)	LDT2	Phe			RUNLOSS		TOG	0.165126
2025	Annual	Marin (SF)	LDT2	Gas			RUNLOSS		TOG	0.846494
2025	Annual	Marin (SF)	LDT1	Phe			RUNLOSS		TOG	0.150866
2025	Annual	Marin (SF)	LDT1	Gas			RUNLOSS		TOG	2.113939
2025	Annual	Marin (SF)	LDA	Phe			RUNLOSS		TOG	0.239659
2025	Annual	Marin (SF)	LDA	Gas			RUNLOSS		TOG	1.004495
2025	Annual	Marin (SF)	HHDT	Gas			RUNLOSS		TOG	11.29095
2025	Annual	Marin (SF)	MCY	Gas			HOTSOAK		TOG	3.582849
2025	Annual	Marin (SF)	LDT2	Phe			HOTSOAK		TOG	0.010197
2025	Annual	Marin (SF)	LDT2	Gas			HOTSOAK		TOG	0.081455
2025	Annual	Marin (SF)	LDT1	Phe			HOTSOAK		TOG	0.008757
2025	Annual	Marin (SF)	LDT1	Gas			HOTSOAK		TOG	0.187047
2025	Annual	Marin (SF)	LDA	Phe			HOTSOAK		TOG	0.016323
2025	Annual	Marin (SF)	LDA	Gas			HOTSOAK		TOG	0.09623
2025	Annual	Marin (SF)	HHDT	Gas			HOTSOAK		TOG	0.14307
2025	Annual	Marin (SF)	HHDT	Dsl			IDLEX		TOG	2.685895
2025	Annual	Marin (SF)	HHDT	Dsl			IDLEX		PM2_5	0.019647
2025	Annual	Marin (SF)	HHDT	Dsl			IDLEX		PM10	0.020536
2025	Annual	Marin (SF)	LDT2	Gas	70	30	RUNEX	35	PM2_5	0.001219
2025	Annual	Marin (SF)	LDT2	Gas	70	30	RUNEX	35	PM10	0.001325
2025	Annual	Marin (SF)	LDT2	Gas	70	30	RUNEX	5	PM2_5	0.008735

Novato Costco

EMFAC Output - ROG, PM_{10}, $PM_{2.5}$

calendar_y	season_mo	sub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2025	Annual	Marin (SF)	LDT2	Gas	70	30	RUNEX	5	PM10	0.0095
2025	Annual	Marin (SF)	LDT2	Gas	70	30	RUNEX	35	TOG	0.014025
2025	Annual	Marin (SF)	LDT2	Gas	70	30	RUNEX	5	TOG	0.096769
2025	Annual	Marin (SF)	LDT1	Gas	70	30	RUNEX	35	PM2_5	0.001654
2025	Annual	Marin (SF)	LDT1	Gas	70	30	RUNEX	35	PM10	0.001799
2025	Annual	Marin (SF)	LDT1	Gas	70	30	RUNEX	5	PM2_5	0.011314
2025	Annual	Marin (SF)	LDT1	Gas	70	30	RUNEX	5	PM10	0.012305
2025	Annual	Marin (SF)	LDT1	Gas	70	30	RUNEX	35	TOG	0.037513
2025	Annual	Marin (SF)	LDT1	Gas	70	30	RUNEX	5	TOG	0.241589
2025	Annual	Marin (SF)	LDA	Gas	70	30	RUNEX	35	PM2_5	0.001165
2025	Annual	Marin (SF)	LDA	Gas	70	30	RUNEX	35	PM10	0.001267
2025	Annual	Marin (SF)	LDA	Gas	70	30	RUNEX	5	PM2_5	0.008329
2025	Annual	Marin (SF)	LDA	Gas	70	30	RUNEX	5	PM10	0.009059
2025	Annual	Marin (SF)	LDA	Gas	70	30	RUNEX	35	TOG	0.013744
2025	Annual	Marin (SF)	LDA	Gas	70	30	RUNEX	5	TOG	0.095851
2025	Annual	Marin (SF)	HHDT	Dsl	70	30	RUNEX	35	TOG	0.017384
2025	Annual	Marin (SF)	HHDT	Dsl	70	30	RUNEX	5	TOG	0.177751
2025	Annual	Marin (SF)	HHDT	Dsl	70	30	RUNEX	35	PM2_5	0.008992
2025	Annual	Marin (SF)	HHDT	Dsl	70	30	RUNEX	5	PM2_5	0.01847
2025	Annual	Marin (SF)	HHDT	Dsl	70	30	RUNEX	35	PM10	0.009399
2025	Annual	Marin (SF)	HHDT	Dsl	70	30	RUNEX	5	PM10	0.019305

Novato Costco
EMFAC Output - CO, SO_X, CO_2, CH_4

Truck Diesel Vehicles			
CO	**SOx**	**CO2**	**CH4**
Idle (grams/hr)	**Idle (grams/hr)**	**Idle (grams/hr)**	**Idle (grams/hr)**
34.69656163	0.05175188	5424.45958	0.109987227

	Gasoline Vehicles				
	CO	**SOx**	**CO2**	**CH4**	Population
	Running (grams/mi)	**Running (grams/mi)**	**Running (grams/mi)**	**Running (grams/mi)**	
LDA	1.297547601	0.006456623	644.734543	0.014811227	40354.36
LDT1	2.389949642	0.007673828	764.600791	0.031900489	3430.31
LDT2	1.43333019	0.00798813	797.954189	0.0170153	21010.51
					64795.18
Weighted	1.399409205	0.00701767	700.763433	0.016430641	
Converted	3.498523014	0.017544175	1751.90858	0.041076601	gr/hr

2.5 Multiplying the RUNEX emissions rate for 3 MPH by 2.5 mph/hr will produce the approximated idle emissions rates in grams per hour.

Novato Costco

EMFAC Output - CO, SO_X, CO_2, CH_4

calendar_y	season_mo	sub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2025	Annual	Alameda (S	HHDT	NG			IDLEX		CH4	34.6981
2025	Annual	Alameda (S	HHDT	NG			IDLEX		CO2	10702.37
2025	Annual	Alameda (S	HHDT	NG			IDLEX		CO	88.22998
2025	Annual	Alameda (S	HHDT	Elec			IDLEX		CH4	0
2025	Annual	Alameda (S	HHDT	Elec			IDLEX		SOx	0
2025	Annual	Alameda (S	HHDT	Elec			IDLEX		CO2	0
2025	Annual	Alameda (S	HHDT	Elec			IDLEX		CO	0
2025	Annual	Alameda (S	HHDT	Dsl			IDLEX		CH4	0.109987
2025	Annual	Alameda (S	HHDT	Dsl			IDLEX		SOx	0.051752
2025	Annual	Alameda (S	HHDT	Dsl			IDLEX		CO2	5424.46
2025	Annual	Alameda (S	HHDT	Dsl			IDLEX		CO	34.69656
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	720	SOx	0.000858
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	660	SOx	0.000809
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	600	SOx	0.000761
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	540	SOx	0.000713
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	480	SOx	0.000665
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	420	SOx	0.000617
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	360	SOx	0.000568
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	300	SOx	0.00052
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	240	SOx	0.000472
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	180	SOx	0.000424
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	120	SOx	0.000375
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	60	SOx	0.000161
2025	Annual	Alameda (S	LDT2	Phe	70		STREX	50	SOx	0.000135
2025	Annual	Alameda (S	LDT2	Gas	70	30	RUNEX	35	SOx	0.003103
2025	Annual	Alameda (S	LDT2	Gas	70	30	RUNEX	5	SOx	0.007988
2025	Annual	Alameda (S	LDT2	Gas	70	30	RUNEX	35	CH4	0.003165
2025	Annual	Alameda (S	LDT2	Gas	70	30	RUNEX	5	CH4	0.017015
2025	Annual	Alameda (S	LDT2	Gas	70	30	RUNEX	35	CO	0.839604
2025	Annual	Alameda (S	LDT2	Gas	70	30	RUNEX	5	CO	1.43333

Novato Costco

EMFAC Output - CO, SO_X, CO_2, CH_4

calendar_y	season_mo	sub_area	vehicle_cla	fuel	temperatu	relative_hu	process	speed_tim	pollutant	emission_rate
2025	Annual	Alameda (S	LDT2	Gas	70	30	RUNEX	35	CO2	309.5695
2025	Annual	Alameda (S	LDT2	Gas	70	30	RUNEX	5	CO2	797.9542
2025	Annual	Alameda (S	LDT1	Gas	70	30	RUNEX	35	SOx	0.002982
2025	Annual	Alameda (S	LDT1	Gas	70	30	RUNEX	5	SOx	0.007674
2025	Annual	Alameda (S	LDT1	Gas	70	30	RUNEX	35	CH4	0.00626
2025	Annual	Alameda (S	LDT1	Gas	70	30	RUNEX	5	CH4	0.0319
2025	Annual	Alameda (S	LDT1	Gas	70	30	RUNEX	35	CO	1.33991
2025	Annual	Alameda (S	LDT1	Gas	70	30	RUNEX	5	CO	2.38995
2025	Annual	Alameda (S	LDT1	Gas	70	30	RUNEX	35	CO2	296.6299
2025	Annual	Alameda (S	LDT1	Gas	70	30	RUNEX	5	CO2	764.6008
2025	Annual	Alameda (S	LDA	Gas	70	30	RUNEX	35	SOx	0.002508
2025	Annual	Alameda (S	LDA	Gas	70	30	RUNEX	5	SOx	0.006457
2025	Annual	Alameda (S	LDA	Gas	70	30	RUNEX	35	CH4	0.002723
2025	Annual	Alameda (S	LDA	Gas	70	30	RUNEX	5	CH4	0.014811
2025	Annual	Alameda (S	LDA	Gas	70	30	RUNEX	35	CO	0.764777
2025	Annual	Alameda (S	LDA	Gas	70	30	RUNEX	5	CO	1.297548
2025	Annual	Alameda (S	LDA	Gas	70	30	RUNEX	35	CO2	250.1273
2025	Annual	Alameda (S	LDA	Gas	70	30	RUNEX	5	CO2	644.7345

Novato Costco
ROG Emissions from Fuel throughput

Source: https://ww2.arb.ca.gov/sites/default/files/classic/vapor/gdf-emisfactor/gdfumbrella.pdf

36,000,000 gallons per year
36,000 Kgal/year

		Lbs/kgal	% vehicles		ROG/ lbs/year	
Fueling	Non ORVR	0.42	20	8.4		
	ORVR	0.021	80	1.68		
	Weighted	0.1008		10.08	3,629	
Transfer loss		0.15			5,400	
Driven Loss		0.024			864	
Spillage loss		0.24			8,640	
Hose Permeation		0.009			324	
					18,857	lbs/year
					9.43	tons/year
					52	lbs/day
					0.025831	tons/day

25,560,000 gallons per year
25,560 Kgal/year

		Lbs/kgal	% vehicles		ROG/ lbs/year	
Fueling	Non ORVR	0.42	20	8.4		
	ORVR	0.021	80	1.68		
	Weighted	0.1008		10.08	2,576	
Transfer loss		0.15			3,834	
Driven Loss		0.024			613	
Spillage loss		0.24			6,134	
Hose Permeation		0.009			230	
					13,388	lbs/year
					6.69	tons/year
					37	lbs/day
					0.01834	tons/day

Novato Costco Custom Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Novato Costco
Construction Start Date	11/1/2024
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.60
Precipitation (days)	39.6
Location	38.08684474396162, -122.551860163085
County	Marin
City	Novato
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	909
EDFZ	2
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Gasoline/Service Station	28.0	Pump	0.09	125	6,086	0.00	—	—

Parking Lot	1.15	Acre	1.15	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.04	2.79	23.8	21.5	0.05	0.78	5.17	5.95	0.70	1.85	2.55	—	7,375	7,375	0.73	0.77	0.26	7,623
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.26	0.19	2.02	1.99	< 0.005	0.07	0.31	0.38	0.06	0.11	0.17	—	563	563	0.05	0.05	0.28	578
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.05	0.03	0.37	0.36	< 0.005	0.01	0.06	0.07	0.01	0.02	0.03	—	93.2	93.2	0.01	0.01	0.05	95.8

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	2.83	1.92	23.8	21.5	0.05	0.78	5.17	5.95	0.70	1.85	2.55	—	7,375	7,375	0.73	0.77	0.26	7,623

2025	3.04	2.79	13.9	17.7	0.03	0.53	0.28	0.81	0.49	0.07	0.56	—	3,191	3,191	0.13	0.06	0.04	3,211
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.26	0.19	2.02	1.99	< 0.005	0.07	0.31	0.38	0.06	0.11	0.17	—	563	563	0.05	0.05	0.28	578
2025	0.17	0.15	0.80	1.00	< 0.005	0.03	0.02	0.05	0.03	< 0.005	0.03	—	181	181	0.01	< 0.005	0.03	182
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.05	0.03	0.37	0.36	< 0.005	0.01	0.06	0.07	0.01	0.02	0.03	—	93.2	93.2	0.01	0.01	0.05	95.8
2025	0.03	0.03	0.15	0.18	< 0.005	0.01	< 0.005	0.01	0.01	< 0.005	0.01	—	29.9	29.9	< 0.005	< 0.005	0.01	30.1

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	-0.47	-0.43	-0.23	-4.54	-0.01	> -0.005	-0.98	-0.98	> -0.005	-0.25	-0.25	8.85	-874	-865	0.85	-0.02	-3.79	-854
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	-0.46	-0.42	-0.29	-4.27	-0.01	> -0.005	-0.98	-0.98	> -0.005	-0.25	-0.25	8.85	-812	-803	0.85	-0.02	-0.10	-789
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	-0.77	-0.73	-0.51	-4.36	-0.01	> -0.005	-0.95	-0.96	> -0.005	-0.24	-0.24	8.85	-869	-860	0.85	-0.02	-1.64	-848
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	-0.14	-0.13	-0.09	-0.79	> -0.005	> -0.005	-0.17	-0.17	> -0.005	-0.04	-0.04	1.46	-144	-142	0.14	> -0.005	-0.27	-140

2.5. Operations Emissions by Sector, Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	-0.48	-0.44	-0.23	-4.55	-0.01	> -0.005	-0.98	-0.98	> -0.005	-0.25	-0.25	—	-921	-921	-0.04	-0.02	-3.79	-933
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	45.1	45.1	0.01	< 0.005	—	45.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Waste	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Total	-0.47	-0.43	-0.23	-4.54	-0.01	> -0.005	-0.98	-0.98	> -0.005	-0.25	-0.25	8.85	-874	-865	0.85	-0.02	-3.79	-854
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	-0.47	-0.43	-0.29	-4.27	-0.01	> -0.005	-0.98	-0.98	> -0.005	-0.25	-0.25	—	-858	-858	-0.04	-0.03	-0.10	-868
Area	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	45.1	45.1	0.01	< 0.005	—	45.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Waste	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Total	-0.46	-0.42	-0.29	-4.27	-0.01	> -0.005	-0.98	-0.98	> -0.005	-0.25	-0.25	8.85	-812	-803	0.85	-0.02	-0.10	-789
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	-0.78	-0.74	-0.51	-4.36	-0.01	> -0.005	-0.95	-0.96	> -0.005	-0.24	-0.24	—	-916	-916	-0.04	-0.03	-1.64	-926
Area	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.01	0.01	< 0.005	< 0.005	—	0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	45.1	45.1	0.01	< 0.005	—	45.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Waste	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Total	-0.77	-0.73	-0.51	-4.36	-0.01	> -0.005	-0.95	-0.96	> -0.005	-0.24	-0.24	8.85	-869	-860	0.85	-0.02	-1.64	-848
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	-0.14	-0.13	-0.09	-0.80	> -0.005	> -0.005	-0.17	-0.17	> -0.005	-0.04	-0.04	—	-152	-152	-0.01	> -0.005	-0.27	-153
Area	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	7.46	7.46	< 0.005	< 0.005	—	7.54

Water	—	—	—	—	—	—	—	—	—	—	—	0.12	0.25	0.36	0.01	< 0.005	—	0.75
Waste	—	—	—	—	—	—	—	—	—	—	—	1.35	0.00	1.35	0.13	0.00	—	4.71
Total	-0.14	-0.13	-0.09	-0.79	> -0.005	> -0.005	-0.17	-0.17	> -0.005	-0.04	-0.04	1.46	-144	-142	0.14	> -0.005	-0.27	-140

3. Construction Emissions Details

3.1. Demolition & Excavation (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.04	1.71	16.4	17.0	0.03	0.70	—	0.70	0.64	—	0.64	—	2,635	2,635	0.11	0.02	—	2,644
Dust From Material Movement	—	—	—	—	—	—	2.56	2.56	—	1.31	1.31	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	1.33	1.33	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.94	0.98	< 0.005	0.04	—	0.04	0.04	—	0.04	—	152	152	0.01	< 0.005	—	152

Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.08	0.08	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	0.18	< 0.005	0.01	—	0.01	0.01	—	0.01	—	25.1	25.1	< 0.005	< 0.005	—	25.2
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.57	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	123	123	< 0.005	0.01	0.01	125
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.73	0.11	7.33	3.94	0.03	0.08	1.16	1.24	0.06	0.31	0.36	—	4,617	4,617	0.62	0.74	0.25	4,854
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.11	7.11	< 0.005	< 0.005	0.01	7.21
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.04	0.01	0.41	0.23	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	266	266	0.04	0.04	0.24	280
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.18	1.18	< 0.005	< 0.005	< 0.005	1.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.0	44.0	0.01	0.01	0.04	46.3

3.3. Building Construction (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.36	1.13	9.44	10.1	0.02	0.37	—	0.37	0.34	—	0.34	—	1,801	1,801	0.07	0.01	—	1,807
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.07	0.59	0.63	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	0.02	0.01	0.11	0.12	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.7	18.7	< 0.005	< 0.005	—	18.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.60	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	131	131	< 0.005	0.01	0.02	133
Vendor	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	57.3	57.3	0.01	0.01	< 0.005	59.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.25	8.25	< 0.005	< 0.005	0.02	8.37
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.59	3.59	< 0.005	< 0.005	< 0.005	3.75
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Building Construction (2025) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.28	1.07	8.95	10.0	0.02	0.33	—	0.33	0.30	—	0.30	—	1,801	1,801	0.07	0.01	—	1,807
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.07	0.56	0.63	< 0.005	0.02	—	0.02	0.02	—	0.02	—	113	113	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.10	0.11	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.7	18.7	< 0.005	< 0.005	—	18.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.56	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	0.01	0.01	130
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	56.3	56.3	0.01	0.01	< 0.005	58.8

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.09	8.09	< 0.005	< 0.005	0.02	8.21
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.53	3.53	< 0.005	< 0.005	< 0.005	3.68
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.34	1.34	< 0.005	< 0.005	< 0.005	1.36
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.61
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Paving (2024) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.63	0.53	4.90	6.53	0.01	0.23	—	0.23	0.21	—	0.21	—	992	992	0.04	0.01	—	995
Paving	0.15	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipm	0.01	0.01	0.06	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.6	11.6	< 0.005	< 0.005	—	11.7
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.93	1.93	< 0.005	< 0.005	—	1.93
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.47	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	102	102	< 0.005	< 0.005	0.01	104
Vendor	0.02	< 0.005	0.18	0.10	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	0.01	0.02	0.01	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.23
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.35	1.35	< 0.005	< 0.005	< 0.005	1.41
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.20
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Paving (2025) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.59	0.49	4.63	6.50	0.01	0.20	—	0.20	0.19	—	0.19	—	992	992	0.04	0.01	—	995
Paving	0.15	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.02	0.20	0.28	< 0.005	0.01	—	0.01	0.01	—	0.01	—	42.7	42.7	< 0.005	< 0.005	—	42.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.04	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.07	7.07	< 0.005	< 0.005	—	7.09
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.44	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	101	101	< 0.005	< 0.005	0.01	102
Vendor	0.01	< 0.005	0.17	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	113	113	0.01	0.02	0.01	118
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.34	4.34	< 0.005	< 0.005	0.01	4.41
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.85	4.85	< 0.005	< 0.005	0.01	5.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.72	0.72	< 0.005	< 0.005	< 0.005	0.73
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.80	0.80	< 0.005	< 0.005	< 0.005	0.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Architectural Coating (2025) - Unmitigated

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

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

Off-Road Equipm	0.15	0.13	0.88	1.14	< 0.005	0.03	—	0.03	0.03	—	0.03	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	1.52	1.52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.66	3.66	< 0.005	< 0.005	—	3.67
Architectural Coatings	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.61	0.61	< 0.005	< 0.005	—	0.61
Architectural Coatings	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	32.2	32.2	< 0.005	< 0.005	< 0.005	32.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.88	0.88	< 0.005	< 0.005	< 0.005	0.90
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

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

Gasolin Station	—	—	—	—	—	—	—	—	—	—	—	—	20.5	20.5	< 0.005	< 0.005	—	20.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	24.5	24.5	< 0.005	< 0.005	—	24.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	45.1	45.1	0.01	< 0.005	—	45.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasolin e/Servic e Station	—	—	—	—	—	—	—	—	—	—	—	—	20.5	20.5	< 0.005	< 0.005	—	20.7
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	24.5	24.5	< 0.005	< 0.005	—	24.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	45.1	45.1	0.01	< 0.005	—	45.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasolin e/Servic e Station	—	—	—	—	—	—	—	—	—	—	—	—	3.40	3.40	< 0.005	< 0.005	—	3.43
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	4.06	4.06	< 0.005	< 0.005	—	4.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	7.46	7.46	< 0.005	< 0.005	—	7.54

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasolin e/Servic e Station	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline/Service Station	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline/Service Station	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Architect Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline/Service Station	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline/Service Station	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline/Service Station	—	—	—	—	—	—	—	—	—	—	—	0.12	0.25	0.36	0.01	< 0.005	—	0.75
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.12	0.25	0.36	0.01	< 0.005	—	0.75

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline/Service Station	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline/Service Station	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline/Service Station	—	—	—	—	—	—	—	—	—	—	—	1.35	0.00	1.35	0.13	0.00	—	4.71
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	1.35	0.00	1.35	0.13	0.00	—	4.71

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition & Excavation	Demolition	11/1/2024	11/29/2024	5.00	21.0	Demolition and Excavation
Building Construction	Building Construction	11/30/2024	2/1/2025	5.00	45.0	—
Paving	Paving	12/26/2024	1/22/2025	5.00	20.0	—
Architectural Coating	Architectural Coating	1/23/2025	2/5/2025	5.00	10.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition & Excavation	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Demolition & Excavation	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Demolition & Excavation	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73

Demolition & Excavation	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Building Construction	Cranes	Diesel	Average	1.00	6.00	367	0.29
Building Construction	Forklifts	Diesel	Average	1.00	6.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Average	1.00	6.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	1.00	7.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	6.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition & Excavation	—	—	—	—
Demolition & Excavation	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition & Excavation	Vendor	0.00	8.40	HHDT,MHDT
Demolition & Excavation	Hauling	61.0	20.0	HHDT
Demolition & Excavation	Onsite truck	0.00	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	16.0	11.7	LDA,LDT1,LDT2
Building Construction	Vendor	2.00	8.40	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT

Building Construction	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	12.5	11.7	LDA,LDT1,LDT2
Paving	Vendor	4.00	8.40	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.00	11.7	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	8.40	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	188	62.5	3,006

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition & Excavation	790	1,727	10.0	1,950	—
Paving	0.00	0.00	0.00	0.00	1.15

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Gasoline/Service Station	0.00	0%
Parking Lot	1.15	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2024	0.00	204	0.03	< 0.005
2025	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	-52.0	-52.0	-52.0	-18,980	-702	-702	-702	-256,230

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	188	62.5	3,006

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Gasoline/Service Station	36,759	204	0.0330	0.0040	0.00
Parking Lot	43,882	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Gasoline/Service Station	371,893	50,105
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Gasoline/Service Station	15.1	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

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

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type
—	—

8. User Changes to Default Data

Screen	Justification
Land Use	Building represents controller enclosure.
Construction: Construction Phases	Based on removal of asphalt, excavation for tank storage, and building facilities.
Construction: Off-Road Equipment	Added excavator for tank closure
Construction: Dust From Material Movement	Import and Export for tank burial
Construction: Trips and VMT	Added trips for import and export of soil during demolition phase; added vendor trucks for concrete import for tank vault in demo phase; upped worker trips to 16 and vendor to 2 to account for equipment usage and potential material delivery rather than based on size of building.
Operations: Vehicle Data	Updated to match provided trip generation rates
Operations: Energy Use	Based on default consumption for 28 pumps. Removed natural gas as no natural gas used for project.
Operations: Vehicle EF	Updated to eliminate all but gasoline emission factors.
Operations: Fleet Mix	Based on project specific fleet mix

Novato Costco_Const Mit Only Custom Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Novato Costco_Const Mit Only
Construction Start Date	11/1/2024
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.60
Precipitation (days)	39.6
Location	38.08684474396162, -122.551860163085
County	Marin
City	Novato
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	909
EDFZ	2
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Gasoline/Service Station	28.0	Pump	0.09	125	6,086	0.00	—	—
Parking Lot	1.15	Acre	1.15	0.00	0.00	0.00	—	—

2. Emissions Summary

2.3. Construction Emissions by Year, Mitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	1.06	0.70	10.3	20.1	0.05	0.13	5.17	5.30	0.10	1.85	1.96	—	7,375	7,375	0.73	0.77	0.26	7,623
2025	1.94	1.92	5.97	19.0	0.03	0.10	0.28	0.37	0.09	0.07	0.16	—	3,191	3,191	0.13	0.06	0.04	3,211
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.09	0.05	0.88	1.97	< 0.005	0.01	0.31	0.32	0.01	0.11	0.12	—	563	563	0.05	0.05	0.28	578
2025	0.08	0.08	0.36	1.07	< 0.005	0.01	0.02	0.02	0.01	< 0.005	0.01	—	181	181	0.01	< 0.005	0.03	182
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2024	0.02	0.01	0.16	0.36	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	93.2	93.2	0.01	0.01	0.05	95.8
2025	0.01	0.01	0.07	0.20	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	29.9	29.9	< 0.005	< 0.005	0.01	30.1

3. Construction Emissions Details

3.2. Demolition & Excavation (2024) - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.27	0.27	2.93	15.5	0.03	0.05	—	0.05	0.05	—	0.05	—	2,635	2,635	0.11	0.02	—	2,644
Dust From Material Movement	—	—	—	—	—	—	2.56	2.56	—	1.31	1.31	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	1.33	1.33	—	0.20	0.20	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	0.89	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	152	152	0.01	< 0.005	—	152
Dust From Material Movement	—	—	—	—	—	—	0.15	0.15	—	0.08	0.08	—	—	—	—	—	—	—
Demolition	—	—	—	—	—	—	0.08	0.08	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.03	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	25.1	25.1	< 0.005	< 0.005	—	25.2
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—

Demoliti	—	—	—	—	—	—	0.01	0.01	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.05	0.05	0.57	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	123	123	< 0.005	0.01	0.01	125
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.73	0.11	7.33	3.94	0.03	0.08	1.16	1.24	0.06	0.31	0.36	—	4,617	4,617	0.62	0.74	0.25	4,854
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.11	7.11	< 0.005	< 0.005	0.01	7.21
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.04	0.01	0.41	0.23	< 0.005	< 0.005	0.07	0.07	< 0.005	0.02	0.02	—	266	266	0.04	0.04	0.24	280
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.18	1.18	< 0.005	< 0.005	< 0.005	1.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.01	< 0.005	0.08	0.04	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	44.0	44.0	0.01	0.01	0.04	46.3

3.4. Building Construction (2024) - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.30	4.34	11.0	0.02	0.06	—	0.06	0.06	—	0.06	—	1,801	1,801	0.07	0.01	—	1,807
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.27	0.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	113	113	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.05	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.7	18.7	< 0.005	< 0.005	—	18.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.06	0.60	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	131	131	< 0.005	0.01	0.02	133
Vendor	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	57.3	57.3	0.01	0.01	< 0.005	59.9
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.25	8.25	< 0.005	< 0.005	0.02	8.37
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.59	3.59	< 0.005	< 0.005	< 0.005	3.75
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.37	1.37	< 0.005	< 0.005	< 0.005	1.39
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.59	0.59	< 0.005	< 0.005	< 0.005	0.62
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.6. Building Construction (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.32	0.30	4.34	11.0	0.02	0.06	—	0.06	0.06	—	0.06	—	1,801	1,801	0.07	0.01	—	1,807
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.27	0.69	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	113	113	< 0.005	< 0.005	—	113
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Roa Equipment	< 0.005	< 0.005	0.05	0.13	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	18.7	18.7	< 0.005	< 0.005	—	18.7
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.06	0.06	0.05	0.56	0.00	0.00	0.13	0.13	0.00	0.03	0.03	—	129	129	< 0.005	0.01	0.01	130
Vendor	0.01	< 0.005	0.08	0.05	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	56.3	56.3	0.01	0.01	< 0.005	58.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	8.09	8.09	< 0.005	< 0.005	0.02	8.21
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.53	3.53	< 0.005	< 0.005	< 0.005	3.68
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.34	1.34	< 0.005	< 0.005	< 0.005	1.36
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.58	0.58	< 0.005	< 0.005	< 0.005	0.61
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.8. Paving (2024) - Mitigated

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

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

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.14	1.30	6.89	0.01	0.03	—	0.03	0.03	—	0.03	—	992	992	0.04	0.01	—	995
Paving	0.15	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.08	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	11.6	11.6	< 0.005	< 0.005	—	11.7
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.93	1.93	< 0.005	< 0.005	—	1.93
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.05	0.04	0.47	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	102	102	< 0.005	< 0.005	0.01	104

Vendor	0.02	< 0.005	0.18	0.10	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	115	115	0.01	0.02	0.01	120
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.21	1.21	< 0.005	< 0.005	< 0.005	1.23
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.35	1.35	< 0.005	< 0.005	< 0.005	1.41
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.20	0.20	< 0.005	< 0.005	< 0.005	0.20
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.10. Paving (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.15	0.14	1.30	6.89	0.01	0.03	—	0.03	0.03	—	0.03	—	992	992	0.04	0.01	—	995
Paving	0.15	0.15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road	0.01	0.01	0.06	0.30	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	42.7	42.7	< 0.005	< 0.005	—	42.8
Paving	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	0.05	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	7.07	7.07	< 0.005	< 0.005	—	7.09
Paving	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.05	0.04	0.04	0.44	0.00	0.00	0.10	0.10	0.00	0.02	0.02	—	101	101	< 0.005	< 0.005	0.01	102
Vendor	0.01	< 0.005	0.17	0.09	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	113	113	0.01	0.02	0.01	118
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.34	4.34	< 0.005	< 0.005	0.01	4.41
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	4.85	4.85	< 0.005	< 0.005	0.01	5.06
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.72	0.72	< 0.005	< 0.005	< 0.005	0.73
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.80	0.80	< 0.005	< 0.005	< 0.005	0.84
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

3.12. Architectural Coating (2025) - Mitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.65	0.96	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	134	134	0.01	< 0.005	—	134
Architectural Coatings	1.52	1.52	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.66	3.66	< 0.005	< 0.005	—	3.67
Architectural Coatings	0.04	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.61	0.61	< 0.005	< 0.005	—	0.61
Architectural Coatings	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.14	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	32.2	32.2	< 0.005	< 0.005	< 0.005	32.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.88	0.88	< 0.005	< 0.005	< 0.005	0.90
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.15	0.15	< 0.005	< 0.005	< 0.005	0.15
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	0.00	0.00	0.00	0.00

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition & Excavation	Demolition	11/1/2024	11/29/2024	5.00	21.0	Demolition and Excavation
Building Construction	Building Construction	11/30/2024	2/1/2025	5.00	45.0	—
Paving	Paving	12/26/2024	1/22/2025	5.00	20.0	—
Architectural Coating	Architectural Coating	1/23/2025	2/5/2025	5.00	10.0	—

5.2. Off-Road Equipment

5.2.2. Mitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition & Excavation	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	3.00	8.00	84.0	0.37
Demolition & Excavation	Rubber Tired Dozers	Diesel	Tier 4 Final	1.00	8.00	367	0.40
Demolition & Excavation	Concrete/Industrial Saws	Diesel	Tier 4 Final	1.00	8.00	33.0	0.73
Demolition & Excavation	Excavators	Diesel	Tier 4 Final	1.00	8.00	36.0	0.38
Building Construction	Cranes	Diesel	Tier 4 Final	1.00	6.00	367	0.29
Building Construction	Forklifts	Diesel	Tier 4 Final	1.00	6.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	6.00	84.0	0.37
Building Construction	Welders	Diesel	Tier 4 Final	3.00	8.00	46.0	0.45
Paving	Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	1.00	8.00	84.0	0.37
Paving	Pavers	Diesel	Tier 4 Final	1.00	6.00	81.0	0.42
Paving	Paving Equipment	Diesel	Tier 4 Final	1.00	8.00	89.0	0.36

Paving	Rollers	Diesel	Tier 4 Final	1.00	7.00	36.0	0.38
Paving	Cement and Mortar Mixers	Diesel	Average	1.00	6.00	10.0	0.56
Architectural Coating	Air Compressors	Diesel	Tier 4 Final	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.2. Mitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition & Excavation	—	—	—	—
Demolition & Excavation	Worker	15.0	11.7	LDA,LDT1,LDT2
Demolition & Excavation	Vendor	0.00	8.40	HHDT,MHDT
Demolition & Excavation	Hauling	61.0	20.0	HHDT
Demolition & Excavation	Onsite truck	0.00	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	16.0	11.7	LDA,LDT1,LDT2
Building Construction	Vendor	2.00	8.40	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	0.00	—	HHDT
Paving	—	—	—	—
Paving	Worker	12.5	11.7	LDA,LDT1,LDT2
Paving	Vendor	4.00	8.40	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	0.00	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	4.00	11.7	LDA,LDT1,LDT2
Architectural Coating	Vendor	0.00	8.40	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	0.00	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	188	62.5	3,006

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition & Excavation	790	1,727	10.0	1,950	—
Paving	0.00	0.00	0.00	0.00	1.15

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	2	61%	61%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Gasoline/Service Station	0.00	0%
Parking Lot	1.15	100%

8. User Changes to Default Data

Screen	Justification
Land Use	Building represents controller enclosure.
Construction: Construction Phases	Based on removal of asphalt, excavation for tank storage, and building facilities.
Construction: Off-Road Equipment	Added excavator for tank closure
Construction: Dust From Material Movement	Import and Export for tank burial
Construction: Trips and VMT	Added trips for import and export of soil during demolition phase; added vendor trucks for concrete import for tank vault in demo phase; upped worker trips to 16 and vendor to 2 to account for equipment usage and potential material delivery rather than based on size of building.
Operations: Vehicle Data	Updated to match provided trip generation rates
Operations: Energy Use	Based on default consumption for 28 pumps. Removed natural gas as no natural gas used for project.
Operations: Vehicle EF	Updated to eliminate all but gasoline emission factors.
Operations: Fleet Mix	Based on project specific fleet mix

Novato Costco_New Daily TAC/NO2 Custom Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Novato Costco_New Daily TAC/NO2
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.60
Precipitation (days)	39.6
Location	38.08684474396162, -122.551860163085
County	Marin
City	Novato
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	909
EDFZ	2
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Gasoline/Service Station	28.0	Pump	0.09	125	6,086	0.00	—	—
Parking Lot	1.15	Acre	1.15	0.00	0.00	0.00	—	—

2. Emissions Summary

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	19.3	17.6	9.26	183	0.37	0.18	39.2	39.4	0.16	9.89	10.1	—	37,002	37,002	1.56	0.94	152	37,473
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	45.1	45.1	0.01	< 0.005	—	45.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Waste	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Total	19.3	17.6	9.26	183	0.37	0.18	39.2	39.4	0.16	9.89	10.1	8.85	37,048	37,057	2.46	0.94	152	37,551
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	19.1	17.3	11.7	171	0.34	0.18	39.2	39.4	0.16	9.89	10.1	—	34,482	34,482	1.74	1.10	3.95	34,859
Area	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	45.1	45.1	0.01	< 0.005	—	45.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Waste	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Total	19.1	17.3	11.7	171	0.34	0.18	39.2	39.4	0.16	9.89	10.1	8.85	34,529	34,537	2.63	1.11	3.95	34,937
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	31.5	29.7	20.6	175	0.36	0.18	38.2	38.4	0.17	9.65	9.82	—	36,794	36,794	1.74	1.09	65.7	37,228
Area	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.01	0.01	< 0.005	< 0.005	—	0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	45.1	45.1	0.01	< 0.005	—	45.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Waste	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5

Total	31.5	29.7	20.6	175	0.36	0.18	38.2	38.4	0.17	9.65	9.82	8.85	36,840	36,849	2.63	1.09	65.7	37,307
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.74	5.41	3.75	32.0	0.07	0.03	6.98	7.01	0.03	1.76	1.79	—	6,092	6,092	0.29	0.18	10.9	6,164
Area	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	7.46	7.46	< 0.005	< 0.005	—	7.54
Water	—	—	—	—	—	—	—	—	—	—	—	0.12	0.25	0.36	0.01	< 0.005	—	0.75
Waste	—	—	—	—	—	—	—	—	—	—	—	1.35	0.00	1.35	0.13	0.00	—	4.71
Total	5.74	5.42	3.75	32.0	0.07	0.03	6.98	7.01	0.03	1.76	1.79	1.46	6,099	6,101	0.44	0.18	10.9	6,177

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	1,393	1,393	1,393	508,445	18,806	18,806	18,806	6,864,008

8. User Changes to Default Data

Screen	Justification
Land Use	Building represents controller enclosure.
Construction: Construction Phases	Based on removal of asphalt, excavation for tank storage, and building facilities.

Construction: Off-Road Equipment	Added excavator for tank closure
Construction: Dust From Material Movement	Import and Export for tank burial
Construction: Trips and VMT	Added trips for import and export of soil during demolition phase; added vendor trucks for concrete import for tank vault in demo phase; upped worker trips to 16 and vendor to 2 to account for equipment usage and potential material delivery rather than based on size of building.
Operations: Vehicle Data	Updated to match provided trip generation rates
Operations: Energy Use	Based on default consumption for 28 pumps. Removed natural gas as no natural gas used for project.
Operations: Vehicle EF	Updated to eliminate all but gasoline emission factors.
Operations: Fleet Mix	Based on project specific fleet mix

Novato Costco_Truck Trips Custom Report

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7. Health and Equity Details

7.2. Healthy Places Index Scores

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Novato Costco_Truck Trips
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.60
Precipitation (days)	39.6
Location	38.08684474396162, -122.551860163085
County	Marin
City	Novato
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	909
EDFZ	2
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Gasoline/Service Station	28.0	Pump	0.09	125	6,086	0.00	—	—
Parking Lot	1.15	Acre	1.15	0.00	0.00	0.00	—	—

2. Emissions Summary

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.60	0.08	5.59	3.23	0.04	0.06	1.01	1.07	0.06	0.27	0.33	—	3,976	3,976	0.51	0.64	8.43	4,187
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	45.1	45.1	0.01	< 0.005	—	45.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Waste	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Total	0.61	0.09	5.59	3.24	0.04	0.06	1.01	1.07	0.06	0.27	0.33	8.85	4,022	4,031	1.40	0.64	8.43	4,266
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.60	0.08	5.89	3.25	0.04	0.06	1.01	1.07	0.06	0.27	0.33	—	3,976	3,976	0.51	0.64	0.22	4,179
Area	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	45.1	45.1	0.01	< 0.005	—	45.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Waste	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5
Total	0.61	0.09	5.89	3.25	0.04	0.06	1.01	1.07	0.06	0.27	0.33	8.85	4,023	4,031	1.40	0.64	0.22	4,258
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.60	0.08	5.80	3.24	0.04	0.06	0.99	1.05	0.06	0.27	0.33	—	3,976	3,976	0.51	0.64	3.64	4,182
Area	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.01	0.01	< 0.005	< 0.005	—	0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	45.1	45.1	0.01	< 0.005	—	45.5
Water	—	—	—	—	—	—	—	—	—	—	—	0.71	1.48	2.20	0.07	< 0.005	—	4.56
Waste	—	—	—	—	—	—	—	—	—	—	—	8.13	0.00	8.13	0.81	0.00	—	28.5

Total	0.61	0.09	5.80	3.24	0.04	0.06	0.99	1.05	0.06	0.27	0.33	8.85	4,022	4,031	1.40	0.64	3.64	4,261
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.11	0.01	1.06	0.59	0.01	0.01	0.18	0.19	0.01	0.05	0.06	—	658	658	0.08	0.11	0.60	692
Area	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	7.46	7.46	< 0.005	< 0.005	—	7.54
Water	—	—	—	—	—	—	—	—	—	—	—	0.12	0.25	0.36	0.01	< 0.005	—	0.75
Waste	—	—	—	—	—	—	—	—	—	—	—	1.35	0.00	1.35	0.13	0.00	—	4.71
Total	0.11	0.02	1.06	0.59	0.01	0.01	0.18	0.19	0.01	0.05	0.06	1.46	666	667	0.23	0.11	0.60	705

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Mobile source emissions results are presented in Sections 2.6. No further detailed breakdown of emissions is available.

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Total all Land Uses	12.0	12.0	12.0	4,380	360	360	360	131,400

7. Health and Equity Details

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract

Economic	—
Above Poverty	77.13332478
Employed	94.72603619
Median HI	76.59437957
Education	—
Bachelor's or higher	63.58270243
High school enrollment	100
Preschool enrollment	95.7141024
Transportation	—
Auto Access	55.28037983
Active commuting	62.46631592
Social	—
2-parent households	82.45861671
Voting	96.04773515
Neighborhood	—
Alcohol availability	85.98742461
Park access	81.35506224
Retail density	58.4370589
Supermarket access	43.64172976
Tree canopy	91.63351726
Housing	—
Homeownership	84.11394842
Housing habitability	51.49493135
Low-inc homeowner severe housing cost burden	22.23790581
Low-inc renter severe housing cost burden	14.07673553
Uncrowded housing	56.87155139
Health Outcomes	—
Insured adults	48.22276402

Arthritis	0.0
Asthma ER Admissions	55.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	80.6
Cognitively Disabled	64.4
Physically Disabled	71.5
Heart Attack ER Admissions	66.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	29.9
Children	67.0
Elderly	28.2
English Speaking	48.4

Foreign-born	46.1
Outdoor Workers	27.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	82.7
Traffic Density	71.5
Traffic Access	54.1
Other Indices	—
Hardship	29.4
Other Decision Support	—
2016 Voting	95.4

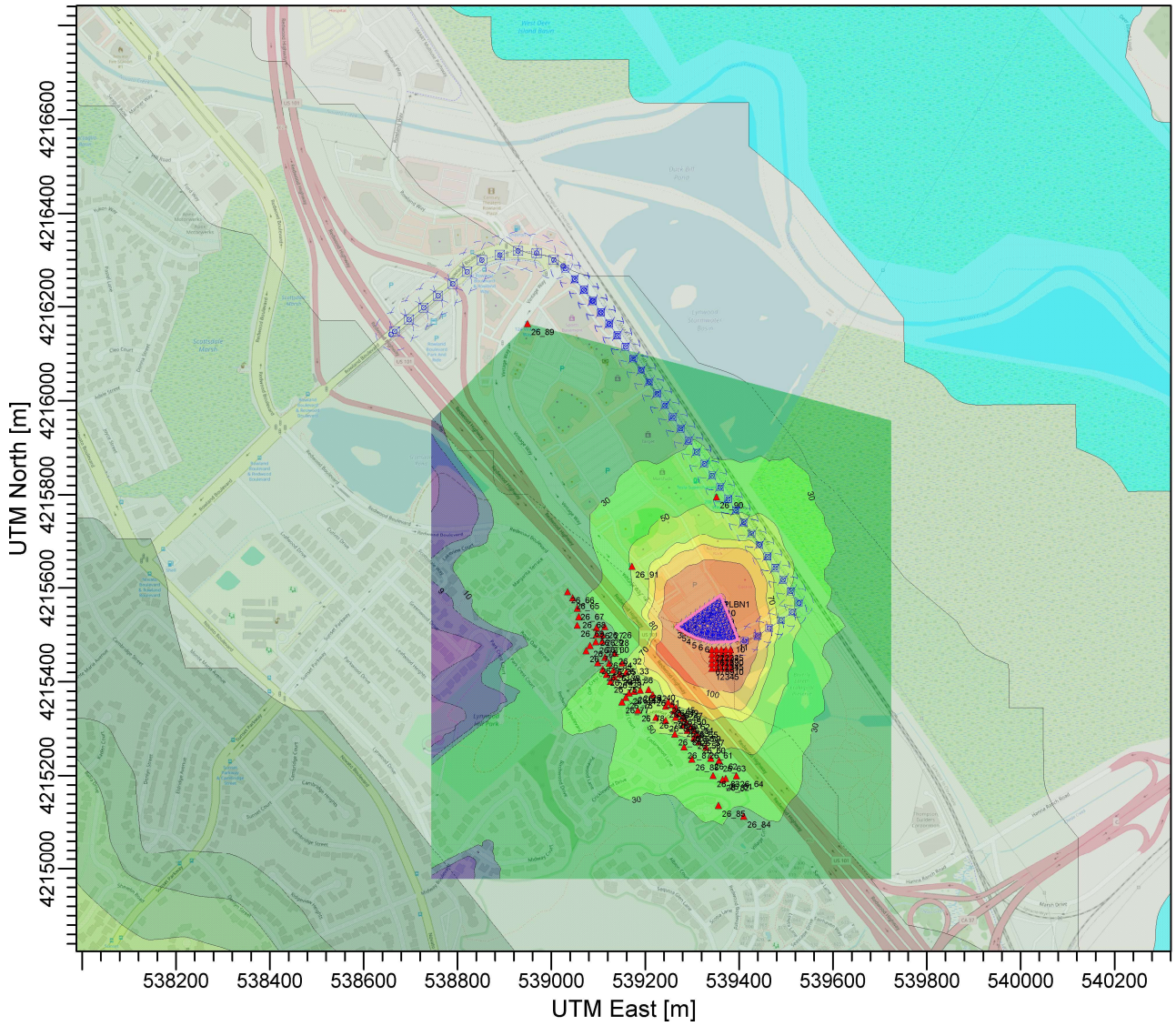
8. User Changes to Default Data

Screen	Justification
Land Use	Building represents controller enclosure.
Construction: Construction Phases	Based on removal of asphalt, excavation for tank storage, and building facilities.
Construction: Off-Road Equipment	Added excavator for tank closure
Construction: Dust From Material Movement	Import and Export for tank burial
Construction: Trips and VMT	Added trips for import and export of soil during demolition phase; added vendor trucks for concrete import for tank vault in demo phase; upped worker trips to 16 and vendor to 2 to account for equipment usage and potential material delivery rather than based on size of building.
Operations: Vehicle Data	Updated to match provided trip generation rates
Operations: Energy Use	Based on default consumption for 28 pumps. Removed natural gas as no natural gas used for project.
Operations: Vehicle EF	Updated to eliminate all but gasoline emission factors.
Operations: Fleet Mix	Based on project specific fleet mix. Truck Trips Only

Localized NO_2 AERMOD Output - Construction Unmitigated

PROJECT TITLE:

Novato Costco
Const_NO2_Unmit_1hr 1H1_ Figure



PLOT FILE OF 1ST-HIGHEST MAX DAILY 1-HR VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ug/m^3

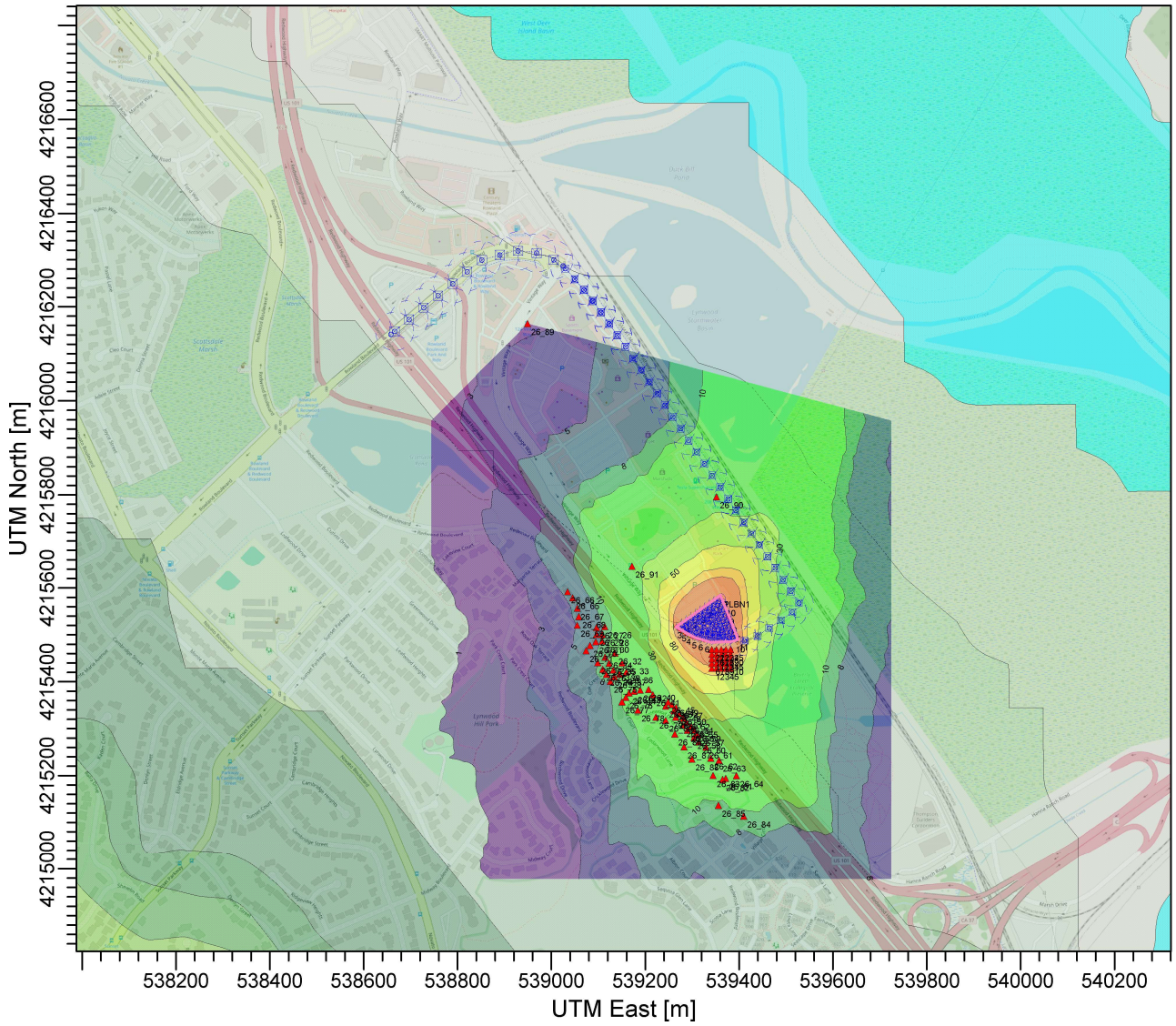
Max: 157 [ug/m^3] at (539310.09, 4215549.67)

5 7 9 10 30 50 70 80 100 157

COMMENTS:	SOURCES: **5**	COMPANY NAME:	
	RECEPTORS: **2612**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:14,660 — 0 — 0.5 km	
	MAX: **157 ug/m^3**	DATE: **7/25/2025**	PROJECT NO.:

PROJECT TITLE:

Novato Costco
Const_NO2_Unmit_1hr 1H8_ Figure



PLOT FILE OF 8TH-HIGHEST MAX DAILY 1-HR VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ug/m^3

Max: 139 [ug/m^3] at (539364.00, 4215578.00)

1 3 5 8 10 30 50 80 100 139

COMMENTS:	SOURCES: **5**	COMPANY NAME:	
	RECEPTORS: **2612**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:14,660 — 0 — 0.5 km	
	MAX: **139 ug/m^3**	DATE: **7/25/2025**	PROJECT NO.:

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** Lakes Environmental AERMOD MPI
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** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/17/2025
** FILE: C:\LAKES\PROJECT FILES\NOVATO CONST NO2 UNMIT 1HR JULY 2025\NOVATO CONST NO2 UNMIT 1HR JULY 2025.ADI
**
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**
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** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -
   TITLETWO NOVATO CONSTRUCTION NO2 UNMITIGATED
   MODELOPT DFAULT CONC ARM2
   AVERTIME 1
   URBANOPT 260206 2021_MARIN_COUNTY_POPULATION
   POLLUTID NO2
   FLAGPOLE 1.50
   RUNORNOT RUN
** NO2 CONVERSION OPTIONS
   ARMRATIO 0.500 0.900
   ERRORFIL "NOVATO CONST NO2 UNMIT 1HR JULY 2025.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK1HR
** DESCRSRC ROWLAND BLVD FROM FREEWAY
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0000204244
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 6
** 538657.948, 4216141.138, 8.89, 3.40, 18.60
** 538850.641, 4216298.644, 6.34, 3.40, 18.60
** 538921.746, 4216318.956, 6.00, 3.40, 18.60
** 538960.234, 4216316.307, 5.94, 3.40, 18.60
** 539001.445, 4216303.671, 5.69, 3.40, 18.60
** 539021.552, 4216281.888, 5.26, 3.40, 18.60
** ------------------------------------------------------------------
   LOCATION L0001071     VOLUME   538665.690 4216147.467 9.10
   LOCATION L0001072     VOLUME   538696.661 4216172.782 8.41
   LOCATION L0001073     VOLUME   538727.631 4216198.097 7.71
   LOCATION L0001074     VOLUME   538758.601 4216223.411 7.25
   LOCATION L0001075     VOLUME   538789.572 4216248.726 7.02
   LOCATION L0001076     VOLUME   538820.542 4216274.041 6.62
   LOCATION L0001077     VOLUME   538851.723 4216298.953 5.92
   LOCATION L0001078     VOLUME   538890.184 4216309.940 5.39
   LOCATION L0001079     VOLUME   538928.905 4216318.464 4.96
   LOCATION L0001080     VOLUME   538968.453 4216313.787 4.79
   LOCATION L0001081     VOLUME   539005.170 4216299.636 4.74
```

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** END OF LINE VOLUME SOURCE ID = TK1HR
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = WKR1HR
** DESCRSRC ROWLAND BLVD FROM FREEWAY
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 9.6849E-07
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 6
** 538657.948, 4216141.138, 8.89, 1.30, 18.60
** 538850.641, 4216298.644, 6.34, 1.30, 18.60
** 538921.746, 4216318.956, 6.00, 1.30, 18.60
** 538960.234, 4216316.307, 5.94, 1.30, 18.60
** 539001.445, 4216303.671, 5.69, 1.30, 18.60
** 539021.552, 4216281.888, 5.26, 1.30, 18.60
** ----------------------------------------------------------------------
   LOCATION L0001093     VOLUME   538665.690 4216147.467 9.10
   LOCATION L0001094     VOLUME   538696.661 4216172.782 8.41
   LOCATION L0001095     VOLUME   538727.631 4216198.097 7.71
   LOCATION L0001096     VOLUME   538758.601 4216223.411 7.25
   LOCATION L0001097     VOLUME   538789.572 4216248.726 7.02
   LOCATION L0001098     VOLUME   538820.542 4216274.041 6.62
   LOCATION L0001099     VOLUME   538851.723 4216298.953 5.92
   LOCATION L0001100     VOLUME   538890.184 4216309.940 5.39
   LOCATION L0001101     VOLUME   538928.905 4216318.464 4.96
   LOCATION L0001102     VOLUME   538968.453 4216313.787 4.79
   LOCATION L0001103     VOLUME   539005.170 4216299.636 4.74
** END OF LINE VOLUME SOURCE ID = WKR1HR
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK2HR
** DESCRSRC ROWLAND ONSITE
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0000487795
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 7
** 539024.915, 4216286.505, 5.24, 3.40, 13.95
** 539082.289, 4216221.776, 5.94, 3.40, 13.95
** 539158.277, 4216114.182, 6.10, 3.40, 13.95
** 539531.663, 4215561.599, 8.26, 3.40, 13.95
** 539487.368, 4215529.546, 8.50, 3.40, 13.95
** 539433.749, 4215494.358, 9.68, 3.40, 13.95
** 539401.913, 4215484.305, 9.86, 3.40, 13.95
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   LOCATION L0001115     VOLUME   539029.890 4216280.892 4.82
   LOCATION L0001116     VOLUME   539049.789 4216258.442 5.06
   LOCATION L0001117     VOLUME   539069.689 4216235.992 5.31
   LOCATION L0001118     VOLUME   539088.637 4216212.788 5.56
   LOCATION L0001119     VOLUME   539105.943 4216188.283 5.69
   LOCATION L0001120     VOLUME   539123.250 4216163.778 5.63
   LOCATION L0001121     VOLUME   539140.556 4216139.273 5.59
   LOCATION L0001122     VOLUME   539157.863 4216114.769 5.67
   LOCATION L0001123     VOLUME   539174.671 4216089.920 5.89
   LOCATION L0001124     VOLUME   539191.468 4216065.062 6.11
   LOCATION L0001125     VOLUME   539208.264 4216040.205 6.19
   LOCATION L0001126     VOLUME   539225.060 4216015.348 6.15
   LOCATION L0001127     VOLUME   539241.857 4215990.491 6.00
   LOCATION L0001128     VOLUME   539258.653 4215965.633 6.24
   LOCATION L0001129     VOLUME   539275.449 4215940.776 6.51
   LOCATION L0001130     VOLUME   539292.245 4215915.919 6.78
   LOCATION L0001131     VOLUME   539309.042 4215891.062 7.00
   LOCATION L0001132     VOLUME   539325.838 4215866.204 6.89
   LOCATION L0001133     VOLUME   539342.634 4215841.347 6.84
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   LOCATION L0001134     VOLUME   539359.431 4215816.490 6.91
   LOCATION L0001135     VOLUME   539376.227 4215791.632 7.13
   LOCATION L0001136     VOLUME   539393.023 4215766.775 7.33
   LOCATION L0001137     VOLUME   539409.820 4215741.918 7.37
   LOCATION L0001138     VOLUME   539426.616 4215717.061 7.41
   LOCATION L0001139     VOLUME   539443.412 4215692.203 7.40
   LOCATION L0001140     VOLUME   539460.208 4215667.346 7.49
   LOCATION L0001141     VOLUME   539477.005 4215642.489 7.59
   LOCATION L0001142     VOLUME   539493.801 4215617.631 7.58
   LOCATION L0001143     VOLUME   539510.597 4215592.774 7.62
   LOCATION L0001144     VOLUME   539527.394 4215567.917 7.66
   LOCATION L0001145     VOLUME   539513.536 4215548.482 8.06
   LOCATION L0001146     VOLUME   539489.232 4215530.895 8.59
   LOCATION L0001147     VOLUME   539464.210 4215514.348 8.98
   LOCATION L0001148     VOLUME   539439.129 4215497.889 9.10
   LOCATION L0001149     VOLUME   539411.278 4215487.262 9.30
** END OF LINE VOLUME SOURCE ID = TK2HR
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = WKR2HR
** DESCRSRC ROWLAND ONSITE - ANNUAL
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 2.3131E-06
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 7
** 539024.915, 4216286.505, 5.24, 1.30, 13.95
** 539076.784, 4216226.292, 5.96, 1.30, 13.95
** 539158.277, 4216114.182, 6.10, 1.30, 13.95
** 539531.663, 4215561.599, 8.26, 1.30, 13.95
** 539487.368, 4215529.546, 8.50, 1.30, 13.95
** 539433.749, 4215494.358, 9.68, 1.30, 13.95
** 539401.913, 4215484.305, 9.86, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001185     VOLUME   539029.810 4216280.823 4.82
   LOCATION L0001186     VOLUME   539049.390 4216258.093 5.07
   LOCATION L0001187     VOLUME   539068.970 4216235.364 5.31
   LOCATION L0001188     VOLUME   539087.384 4216211.711 5.57
   LOCATION L0001189     VOLUME   539105.023 4216187.444 5.71
   LOCATION L0001190     VOLUME   539122.662 4216163.178 5.64
   LOCATION L0001191     VOLUME   539140.301 4216138.911 5.59
   LOCATION L0001192     VOLUME   539157.941 4216114.645 5.67
   LOCATION L0001193     VOLUME   539174.753 4216089.799 5.89
   LOCATION L0001194     VOLUME   539191.549 4216064.942 6.11
   LOCATION L0001195     VOLUME   539208.346 4216040.085 6.19
   LOCATION L0001196     VOLUME   539225.142 4216015.227 6.15
   LOCATION L0001197     VOLUME   539241.938 4215990.370 6.00
   LOCATION L0001198     VOLUME   539258.734 4215965.513 6.24
   LOCATION L0001199     VOLUME   539275.531 4215940.655 6.51
   LOCATION L0001200     VOLUME   539292.327 4215915.798 6.78
   LOCATION L0001201     VOLUME   539309.123 4215890.941 7.00
   LOCATION L0001202     VOLUME   539325.920 4215866.084 6.89
   LOCATION L0001203     VOLUME   539342.716 4215841.226 6.84
   LOCATION L0001204     VOLUME   539359.512 4215816.369 6.91
   LOCATION L0001205     VOLUME   539376.309 4215791.512 7.13
   LOCATION L0001206     VOLUME   539393.105 4215766.654 7.33
   LOCATION L0001207     VOLUME   539409.901 4215741.797 7.37
   LOCATION L0001208     VOLUME   539426.697 4215716.940 7.41
   LOCATION L0001209     VOLUME   539443.494 4215692.083 7.40
   LOCATION L0001210     VOLUME   539460.290 4215667.225 7.49
   LOCATION L0001211     VOLUME   539477.086 4215642.368 7.59
   LOCATION L0001212     VOLUME   539493.883 4215617.511 7.58
   LOCATION L0001213     VOLUME   539510.679 4215592.653 7.62
   LOCATION L0001214     VOLUME   539527.475 4215567.796 7.66
   LOCATION L0001215     VOLUME   539513.418 4215548.396 8.07
   LOCATION L0001216     VOLUME   539489.114 4215530.809 8.59
   LOCATION L0001217     VOLUME   539464.088 4215514.268 8.98
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   LOCATION L0001218     VOLUME   539439.007 4215497.809 9.10
   LOCATION L0001219     VOLUME   539411.139 4215487.218 9.30
** END OF LINE VOLUME SOURCE ID = WKR2HR
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CON1HR
** DESCRSRC DEMO, PAVING, GRADING
** PREFIX
** LENGTH OF SIDE = 6.10
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.2066365241
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 22
** 539387.365, 4215492.296, 9.88, 1.30, 5.67
** 539357.880, 4215576.483, 9.55, 1.30, 5.67
** 539275.051, 4215517.513, 10.12, 1.30, 5.67
** 539296.971, 4215501.413, 10.38, 1.30, 5.67
** 539324.516, 4215491.326, 10.25, 1.30, 5.67
** 539354.777, 4215488.610, 10.19, 1.30, 5.67
** 539380.188, 4215489.580, 9.90, 1.30, 5.67
** 539354.001, 4215563.875, 9.56, 1.30, 5.67
** 539285.526, 4215517.125, 9.95, 1.30, 5.67
** 539307.252, 4215505.292, 10.34, 1.30, 5.67
** 539347.017, 4215497.339, 10.22, 1.30, 5.67
** 539367.385, 4215496.175, 10.19, 1.30, 5.67
** 539350.703, 4215550.490, 9.59, 1.30, 5.67
** 539302.790, 4215518.677, 9.97, 1.30, 5.67
** 539323.740, 4215506.262, 10.29, 1.30, 5.67
** 539358.462, 4215500.831, 10.21, 1.30, 5.67
** 539342.944, 4215542.925, 9.74, 1.30, 5.67
** 539319.860, 4215519.453, 9.99, 1.30, 5.67
** 539332.663, 4215510.918, 9.89, 1.30, 5.67
** 539347.017, 4215510.530, 9.68, 1.30, 5.67
** 539340.616, 4215528.958, 9.81, 1.30, 5.67
** 539329.559, 4215521.393, 9.95, 1.30, 5.67
** ----------------------------------------------------------------
   LOCATION L0001255     VOLUME   539386.358 4215495.172 9.36
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   LOCATION L0001257     VOLUME   539378.298 4215518.186 9.22
   LOCATION L0001258     VOLUME   539374.268 4215529.693 9.17
   LOCATION L0001259     VOLUME   539370.238 4215541.199 9.10
   LOCATION L0001260     VOLUME   539366.208 4215552.706 9.03
   LOCATION L0001261     VOLUME   539362.178 4215564.213 8.96
   LOCATION L0001262     VOLUME   539358.148 4215575.719 8.89
   LOCATION L0001263     VOLUME   539348.608 4215569.882 9.08
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   LOCATION L0001266     VOLUME   539318.812 4215548.668 9.72
   LOCATION L0001267     VOLUME   539308.880 4215541.597 9.83
   LOCATION L0001268     VOLUME   539298.948 4215534.526 9.90
   LOCATION L0001269     VOLUME   539289.016 4215527.455 9.98
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   LOCATION L0001281     VOLUME   539374.597 4215505.441 9.38
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   LOCATION L0001313     VOLUME   539344.387 4215503.033 9.71
   LOCATION L0001314     VOLUME   539356.433 4215501.148 9.60
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** END OF LINE VOLUME SOURCE ID = CON1HR
** SOURCE PARAMETERS **
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   SRCPARAM L0001071     0.000001857      3.40     18.60      3.16
   SRCPARAM L0001072     0.000001857      3.40     18.60      3.16
   SRCPARAM L0001073     0.000001857      3.40     18.60      3.16
   SRCPARAM L0001074     0.000001857      3.40     18.60      3.16
   SRCPARAM L0001075     0.000001857      3.40     18.60      3.16
   SRCPARAM L0001076     0.000001857      3.40     18.60      3.16
   SRCPARAM L0001077     0.000001857      3.40     18.60      3.16
   SRCPARAM L0001078     0.000001857      3.40     18.60      3.16
   SRCPARAM L0001079     0.000001857      3.40     18.60      3.16
   SRCPARAM L0001080     0.000001857      3.40     18.60      3.16
   SRCPARAM L0001081     0.000001857      3.40     18.60      3.16
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   SRCPARAM L0001093     0.00000008804      1.30     18.60      1.21
   SRCPARAM L0001094     0.00000008804      1.30     18.60      1.21
   SRCPARAM L0001095     0.00000008804      1.30     18.60      1.21
   SRCPARAM L0001096     0.00000008804      1.30     18.60      1.21
   SRCPARAM L0001097     0.00000008804      1.30     18.60      1.21
   SRCPARAM L0001098     0.00000008804      1.30     18.60      1.21
   SRCPARAM L0001099     0.00000008804      1.30     18.60      1.21
   SRCPARAM L0001100     0.00000008804      1.30     18.60      1.21
   SRCPARAM L0001101     0.00000008804      1.30     18.60      1.21
   SRCPARAM L0001102     0.00000008804      1.30     18.60      1.21
   SRCPARAM L0001103     0.00000008804      1.30     18.60      1.21
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** LINE VOLUME SOURCE ID = TK2HR
   SRCPARAM L0001115     0.000001394      3.40     13.95      3.16
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   SRCPARAM L0001116     0.000001394      3.40     13.95      3.16
   SRCPARAM L0001117     0.000001394      3.40     13.95      3.16
   SRCPARAM L0001118     0.000001394      3.40     13.95      3.16
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   SRCPARAM L0001120     0.000001394      3.40     13.95      3.16
   SRCPARAM L0001121     0.000001394      3.40     13.95      3.16
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   SRCPARAM L0001123     0.000001394      3.40     13.95      3.16
   SRCPARAM L0001124     0.000001394      3.40     13.95      3.16
   SRCPARAM L0001125     0.000001394      3.40     13.95      3.16
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   SRCPARAM L0001144     0.000001394      3.40     13.95      3.16
   SRCPARAM L0001145     0.000001394      3.40     13.95      3.16
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   SRCPARAM L0001147     0.000001394      3.40     13.95      3.16
   SRCPARAM L0001148     0.000001394      3.40     13.95      3.16
   SRCPARAM L0001149     0.000001394      3.40     13.95      3.16
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   SRCPARAM L0001186     0.00000006609      1.30     13.95      1.21
   SRCPARAM L0001187     0.00000006609      1.30     13.95      1.21
   SRCPARAM L0001188     0.00000006609      1.30     13.95      1.21
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   SRCPARAM L0001219     0.00000006609      1.30     13.95      1.21
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** ------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "CONSTRUCTION"
** WEEKDAYS:
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   EMISFACT L0001071     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001071     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001072     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001072     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001071     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001072     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001073     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001074     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001075     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001076     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001077     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001078     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001079     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001080     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001081     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001131     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001131     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001132     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001132     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001133     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001133     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001134     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001134     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001135     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001135     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001136     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001136     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001137     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001137     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001138     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001138     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001139     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001139     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001140     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001140     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001141     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001142     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001142     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001143     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001143     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001144     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001144     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001145     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001145     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001146     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001147     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001147     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001123     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001124     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
    EMISFACT L0001255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001255     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001256     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
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   EMISFACT L0001257     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SUNDAY:
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EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001309     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001310     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001311     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001312     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001313     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001314     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001315     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001316     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001317     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001318     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001319     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001320     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001321     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001322     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001323     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001324     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001325     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001093     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001093     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001094     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001094     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001095     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001095     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001096     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001096     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001097     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001097     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001098     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001098     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001099     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001099     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001100     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001100     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001101     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001101     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001102     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001102     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001103     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001103     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001093     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001094     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001095     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001096     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001097     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001099     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001100     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001101     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001102     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001103     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001185     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001185     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001186     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001186     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001187     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001187     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001188     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001188     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001188     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001188     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001189     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001189     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001189     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001189     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001190     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001190     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001190     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001190     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001191     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001191     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001191     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001191     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001192     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001192     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001192     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001192     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001193     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001193     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001193     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001193     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001194     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001194     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001194     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001194     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001195     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001195     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001195     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001195     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001196     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001196     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001196     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001196     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001197     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001197     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001197     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001197     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001198     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001198     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001199     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001199     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001200     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001200     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001200     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001200     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001201     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001201     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001202     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001202     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001203     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001203     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001203     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001203     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001204     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001204     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001205     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001205     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001206     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001206     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001207     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001207     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001208     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001208     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001209     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001209     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001210     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001210     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001211     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001211     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001212     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001212     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001213     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001213     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001214     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001214     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001215     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001215     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001215     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001215     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001216     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001216     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001217     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001217     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001188     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001188     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001188     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001188     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001189     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001189     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001189     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001190     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001190     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001190     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001190     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001191     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001191     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001191     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001191     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001192     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001193     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001193     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001193     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001215     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001215     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001215     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001217     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001217     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001217     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001217     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
    EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001188     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001188     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001188     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001188     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001189     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001189     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001189     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001189     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001190     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001190     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001190     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001190     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001191     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001191     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001191     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001191     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001192     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001192     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP CON1HR   L0001255 L0001256 L0001257 L0001258 L0001259 L0001260
SRCGROUP CON1HR   L0001261 L0001262 L0001263 L0001264 L0001265 L0001266
SRCGROUP CON1HR   L0001267 L0001268 L0001269 L0001270 L0001271 L0001272
SRCGROUP CON1HR   L0001273 L0001274 L0001275 L0001276 L0001277 L0001278
SRCGROUP CON1HR   L0001279 L0001280 L0001281 L0001282 L0001283 L0001284
SRCGROUP CON1HR   L0001285 L0001286 L0001287 L0001288 L0001289 L0001290
SRCGROUP CON1HR   L0001291 L0001292 L0001293 L0001294 L0001295 L0001296
SRCGROUP CON1HR   L0001297 L0001298 L0001299 L0001300 L0001301 L0001302
SRCGROUP CON1HR   L0001303 L0001304 L0001305 L0001306 L0001307 L0001308
SRCGROUP CON1HR   L0001309 L0001310 L0001311 L0001312 L0001313 L0001314
SRCGROUP CON1HR   L0001315 L0001316 L0001317 L0001318 L0001319 L0001320
SRCGROUP CON1HR   L0001321 L0001322 L0001323 L0001324 L0001325
SRCGROUP TK1HR    L0001071 L0001072 L0001073 L0001074 L0001075 L0001076
SRCGROUP TK1HR    L0001077 L0001078 L0001079 L0001080 L0001081
SRCGROUP TK2HR    L0001115 L0001116 L0001117 L0001118 L0001119 L0001120
SRCGROUP TK2HR    L0001121 L0001122 L0001123 L0001124 L0001125 L0001126
SRCGROUP TK2HR    L0001127 L0001128 L0001129 L0001130 L0001131 L0001132
SRCGROUP TK2HR    L0001133 L0001134 L0001135 L0001136 L0001137 L0001138
SRCGROUP TK2HR    L0001139 L0001140 L0001141 L0001142 L0001143 L0001144
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   SRCGROUP TK2HR    L0001145 L0001146 L0001147 L0001148 L0001149
   SRCGROUP WKR1HR   L0001093 L0001094 L0001095 L0001096 L0001097 L0001098
   SRCGROUP WKR1HR   L0001099 L0001100 L0001101 L0001102 L0001103
   SRCGROUP WKR2HR   L0001185 L0001186 L0001187 L0001188 L0001189 L0001190
   SRCGROUP WKR2HR   L0001191 L0001192 L0001193 L0001194 L0001195 L0001196
   SRCGROUP WKR2HR   L0001197 L0001198 L0001199 L0001200 L0001201 L0001202
   SRCGROUP WKR2HR   L0001203 L0001204 L0001205 L0001206 L0001207 L0001208
   SRCGROUP WKR2HR   L0001209 L0001210 L0001211 L0001212 L0001213 L0001214
   SRCGROUP WKR2HR   L0001215 L0001216 L0001217 L0001218 L0001219
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED "NOVATO CONST NO2 UNMIT 1HR JULY 2025.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE "NOVATO - OPERATIONAL - DEC 2024.SFC"
   PROFFILE "NOVATO - OPERATIONAL - DEC 2024.PFL"
   SURFDATA 72040 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 1.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H1GALL.PLT" 31
   PLOTFILE   1 CON1HR 1ST "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H1G001.PLT" 32
   PLOTFILE   1 TK1HR 1ST "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H1G002.PLT" 33
   PLOTFILE   1 TK2HR 1ST "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H1G003.PLT" 34
   PLOTFILE   1 WKR1HR 1ST "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H1G004.PLT" 35
   PLOTFILE   1 WKR2HR 1ST "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H1G005.PLT" 36
   PLOTFILE   1 ALL 8TH "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H8GALL.PLT" 37
   PLOTFILE   1 CON1HR 8TH "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H8G001.PLT" 38
   PLOTFILE   1 TK1HR 8TH "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H8G002.PLT" 39
   PLOTFILE   1 TK2HR 8TH "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H8G003.PLT" 40
   PLOTFILE   1 WKR1HR 8TH "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H8G004.PLT" 41
   PLOTFILE   1 WKR2HR 8TH "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\01H8G005.PLT" 42
   MXDYBYYR ALL "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MXDYBYYR_ALL_NO2.DAT" 43
   MXDYBYYR CON1HR "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MXDYBYYR_CON1HR_NO2.DAT" 44
   MXDYBYYR TK1HR "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MXDYBYYR_TK1HR_NO2.DAT" 45
   MXDYBYYR TK2HR "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MXDYBYYR_TK2HR_NO2.DAT" 46
   MXDYBYYR WKR1HR "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MXDYBYYR_WKR1HR_NO2.DAT" 47
   MXDYBYYR WKR2HR "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MXDYBYYR_WKR2HR_NO2.DAT" 48
   MAXDAILY ALL "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MAXDAILY_ALL_NO2.DAT" 49
   MAXDAILY CON1HR "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MAXDAILY_CON1HR_NO2.DAT" 50
   MAXDAILY TK1HR "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MAXDAILY_TK1HR_NO2.DAT" 51
   MAXDAILY TK2HR "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MAXDAILY_TK2HR_NO2.DAT" 52
   MAXDAILY WKR1HR "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MAXDAILY_WKR1HR_NO2.DAT" 53
   MAXDAILY WKR2HR "NOVATO CONST NO2 UNMIT 1HR JULY 2025.AD\MAXDAILY_WKR2HR_NO2.DAT" 54
   SUMMFILE "NOVATO CONST NO2 UNMIT 1HR JULY 2025.SUM"
OU FINISHED
```

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W187    2516       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
         with a Minimum NO2/NOx Ratio of  0.500
         and a Maximum NO2/NOx Ratio of  0.900
      * Model Uses URBAN Dispersion Algorithm for the SBL for   163 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    260206.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NO2

 **Note that special processing requirements apply for the 1-hour NO2 NAAQS - check available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged across the number of years
modeled.
   For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be simulated using the MULTYEAR
keyword.
   Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a
   single multi-year meteorological data file using STARTEND keyword.

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

```
 **This Run Includes:    163 Source(s);       6 Source Group(s); and    2612 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    163 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
         Model Outputs External File(s) of Maximum Daily 1-hr Values by Day (MAXDAILY Keyword)
         Model Outputs External File(s) of Maximum Daily 1-hr Values by Year (MXDYBYYR Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =
    0.0
                  Emission Units = GRAMS/SEC                             ;  Emission Rate Unit Factor =
0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      6.2 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   NOVATO CONST NO2 UNMIT 1HR JULY 2025.ERR

 **File for Summary of Results:   NOVATO CONST NO2 UNMIT 1HR JULY 2025.SUM

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  16:58:04

  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                              *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                   BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0001071         0   0.18570E-05  538665.7 4216147.5     9.1     3.40    18.60     3.16     YES   HRDOW
NO
 L0001072         0   0.18570E-05  538696.7 4216172.8     8.4     3.40    18.60     3.16     YES   HRDOW
NO
 L0001073         0   0.18570E-05  538727.6 4216198.1     7.7     3.40    18.60     3.16     YES   HRDOW
NO
```

L0001074	0	0.18570E-05	538758.6	4216223.4	7.2	3.40	18.60	3.16	YES	HRDOW
NO										
L0001075	0	0.18570E-05	538789.6	4216248.7	7.0	3.40	18.60	3.16	YES	HRDOW
NO										
L0001076	0	0.18570E-05	538820.5	4216274.0	6.6	3.40	18.60	3.16	YES	HRDOW
NO										
L0001077	0	0.18570E-05	538851.7	4216299.0	5.9	3.40	18.60	3.16	YES	HRDOW
NO										
L0001078	0	0.18570E-05	538890.2	4216309.9	5.4	3.40	18.60	3.16	YES	HRDOW
NO										
L0001079	0	0.18570E-05	538928.9	4216318.5	5.0	3.40	18.60	3.16	YES	HRDOW
NO										
L0001080	0	0.18570E-05	538968.5	4216313.8	4.8	3.40	18.60	3.16	YES	HRDOW
NO										
L0001081	0	0.18570E-05	539005.2	4216299.6	4.7	3.40	18.60	3.16	YES	HRDOW
NO										
L0001093	0	0.88040E-07	538665.7	4216147.5	9.1	1.30	18.60	1.21	YES	HRDOW
NO										
L0001094	0	0.88040E-07	538696.7	4216172.8	8.4	1.30	18.60	1.21	YES	HRDOW
NO										
L0001095	0	0.88040E-07	538727.6	4216198.1	7.7	1.30	18.60	1.21	YES	HRDOW
NO										
L0001096	0	0.88040E-07	538758.6	4216223.4	7.2	1.30	18.60	1.21	YES	HRDOW
NO										
L0001097	0	0.88040E-07	538789.6	4216248.7	7.0	1.30	18.60	1.21	YES	HRDOW
NO										
L0001098	0	0.88040E-07	538820.5	4216274.0	6.6	1.30	18.60	1.21	YES	HRDOW
NO										
L0001099	0	0.88040E-07	538851.7	4216299.0	5.9	1.30	18.60	1.21	YES	HRDOW
NO										
L0001100	0	0.88040E-07	538890.2	4216309.9	5.4	1.30	18.60	1.21	YES	HRDOW
NO										
L0001101	0	0.88040E-07	538928.9	4216318.5	5.0	1.30	18.60	1.21	YES	HRDOW
NO										
L0001102	0	0.88040E-07	538968.5	4216313.8	4.8	1.30	18.60	1.21	YES	HRDOW
NO										
L0001103	0	0.88040E-07	539005.2	4216299.6	4.7	1.30	18.60	1.21	YES	HRDOW
NO										
L0001115	0	0.13940E-05	539029.9	4216280.9	4.8	3.40	13.95	3.16	YES	HRDOW
NO										
L0001116	0	0.13940E-05	539049.8	4216258.4	5.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001117	0	0.13940E-05	539069.7	4216236.0	5.3	3.40	13.95	3.16	YES	HRDOW
NO										
L0001118	0	0.13940E-05	539088.6	4216212.8	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001119	0	0.13940E-05	539105.9	4216188.3	5.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0001120	0	0.13940E-05	539123.2	4216163.8	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001121	0	0.13940E-05	539140.6	4216139.3	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001122	0	0.13940E-05	539157.9	4216114.8	5.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0001123	0	0.13940E-05	539174.7	4216089.9	5.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0001124	0	0.13940E-05	539191.5	4216065.1	6.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001125	0	0.13940E-05	539208.3	4216040.2	6.2	3.40	13.95	3.16	YES	HRDOW
NO										
L0001126	0	0.13940E-05	539225.1	4216015.3	6.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001127	0	0.13940E-05	539241.9	4215990.5	6.0	3.40	13.95	3.16	YES	HRDOW
NO										
L0001128	0	0.13940E-05	539258.7	4215965.6	6.2	3.40	13.95	3.16	YES	HRDOW
NO										
L0001129	0	0.13940E-05	539275.4	4215940.8	6.5	3.40	13.95	3.16	YES	HRDOW
NO										
L0001130	0	0.13940E-05	539292.2	4215915.9	6.8	3.40	13.95	3.16	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	
L0001131	0	0.13940E-05	539309.0	4215891.1	7.0	3.40	13.95	3.16	YES	HRDOW	NO
L0001132	0	0.13940E-05	539325.8	4215866.2	6.9	3.40	13.95	3.16	YES	HRDOW	NO
L0001133	0	0.13940E-05	539342.6	4215841.3	6.8	3.40	13.95	3.16	YES	HRDOW	NO
L0001134	0	0.13940E-05	539359.4	4215816.5	6.9	3.40	13.95	3.16	YES	HRDOW	NO
L0001135	0	0.13940E-05	539376.2	4215791.6	7.1	3.40	13.95	3.16	YES	HRDOW	NO
L0001136	0	0.13940E-05	539393.0	4215766.8	7.3	3.40	13.95	3.16	YES	HRDOW	NO
L0001137	0	0.13940E-05	539409.8	4215741.9	7.4	3.40	13.95	3.16	YES	HRDOW	NO
L0001138	0	0.13940E-05	539426.6	4215717.1	7.4	3.40	13.95	3.16	YES	HRDOW	NO
L0001139	0	0.13940E-05	539443.4	4215692.2	7.4	3.40	13.95	3.16	YES	HRDOW	NO
L0001140	0	0.13940E-05	539460.2	4215667.3	7.5	3.40	13.95	3.16	YES	HRDOW	NO
L0001141	0	0.13940E-05	539477.0	4215642.5	7.6	3.40	13.95	3.16	YES	HRDOW	NO
L0001142	0	0.13940E-05	539493.8	4215617.6	7.6	3.40	13.95	3.16	YES	HRDOW	NO
L0001143	0	0.13940E-05	539510.6	4215592.8	7.6	3.40	13.95	3.16	YES	HRDOW	NO
L0001144	0	0.13940E-05	539527.4	4215567.9	7.7	3.40	13.95	3.16	YES	HRDOW	NO
L0001145	0	0.13940E-05	539513.5	4215548.5	8.1	3.40	13.95	3.16	YES	HRDOW	NO
L0001146	0	0.13940E-05	539489.2	4215530.9	8.6	3.40	13.95	3.16	YES	HRDOW	NO
L0001147	0	0.13940E-05	539464.2	4215514.3	9.0	3.40	13.95	3.16	YES	HRDOW	NO
L0001148	0	0.13940E-05	539439.1	4215497.9	9.1	3.40	13.95	3.16	YES	HRDOW	NO
L0001149	0	0.13940E-05	539411.3	4215487.3	9.3	3.40	13.95	3.16	YES	HRDOW	NO
L0001185	0	0.66090E-07	539029.8	4216280.8	4.8	1.30	13.95	1.21	YES	HRDOW	NO
L0001186	0	0.66090E-07	539049.4	4216258.1	5.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001187	0	0.66090E-07	539069.0	4216235.4	5.3	1.30	13.95	1.21	YES	HRDOW	NO
L0001188	0	0.66090E-07	539087.4	4216211.7	5.6	1.30	13.95	1.21	YES	HRDOW	NO
L0001189	0	0.66090E-07	539105.0	4216187.4	5.7	1.30	13.95	1.21	YES	HRDOW	NO
L0001190	0	0.66090E-07	539122.7	4216163.2	5.6	1.30	13.95	1.21	YES	HRDOW	NO

 L0001191   0   0.66090E-07 539140.3 4216138.9   5.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0001192   0   0.66090E-07 539157.9 4216114.6   5.7   1.30   13.95   1.21   YES   HRDOW
NO
 L0001193   0   0.66090E-07 539174.8 4216089.8   5.9   1.30   13.95   1.21   YES   HRDOW
NO
 L0001194   0   0.66090E-07 539191.5 4216064.9   6.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001195   0   0.66090E-07 539208.3 4216040.1   6.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0001196   0   0.66090E-07 539225.1 4216015.2   6.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001197   0   0.66090E-07 539241.9 4215990.4   6.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0001198   0   0.66090E-07 539258.7 4215965.5   6.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0001199   0   0.66090E-07 539275.5 4215940.7   6.5   1.30   13.95   1.21   YES   HRDOW
NO
 L0001200   0   0.66090E-07 539292.3 4215915.8   6.8   1.30   13.95   1.21   YES   HRDOW
NO
 L0001201   0   0.66090E-07 539309.1 4215890.9   7.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0001202   0   0.66090E-07 539325.9 4215866.1   6.9   1.30   13.95   1.21   YES   HRDOW
NO
 L0001203   0   0.66090E-07 539342.7 4215841.2   6.8   1.30   13.95   1.21   YES   HRDOW
NO
 L0001204   0   0.66090E-07 539359.5 4215816.4   6.9   1.30   13.95   1.21   YES   HRDOW
NO
 L0001205   0   0.66090E-07 539376.3 4215791.5   7.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001206   0   0.66090E-07 539393.1 4215766.7   7.3   1.30   13.95   1.21   YES   HRDOW
NO
 L0001207   0   0.66090E-07 539409.9 4215741.8   7.4   1.30   13.95   1.21   YES   HRDOW
NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.   INIT.   URBAN EMISSION RATE
AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY   SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)   BY
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- - -

 L0001208   0   0.66090E-07 539426.7 4215716.9   7.4   1.30   13.95   1.21   YES   HRDOW
NO
 L0001209   0   0.66090E-07 539443.5 4215692.1   7.4   1.30   13.95   1.21   YES   HRDOW
NO
 L0001210   0   0.66090E-07 539460.3 4215667.2   7.5   1.30   13.95   1.21   YES   HRDOW
NO
 L0001211   0   0.66090E-07 539477.1 4215642.4   7.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0001212   0   0.66090E-07 539493.9 4215617.5   7.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0001213   0   0.66090E-07 539510.7 4215592.7   7.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0001214   0   0.66090E-07 539527.5 4215567.8   7.7   1.30   13.95   1.21   YES   HRDOW
NO
 L0001215   0   0.66090E-07 539513.4 4215548.4   8.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001216   0   0.66090E-07 539489.1 4215530.8   8.6   1.30   13.95   1.21   YES   HRDOW

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NO
 L0001217         0   0.66090E-07  539464.1 4215514.3     9.0     1.30    13.95     1.21     YES   HRDOW
NO
 L0001218         0   0.66090E-07  539439.0 4215497.8     9.1     1.30    13.95     1.21     YES   HRDOW
NO
 L0001219         0   0.66090E-07  539411.1 4215487.2     9.3     1.30    13.95     1.21     YES   HRDOW
NO
 L0001255         0   0.29104E-02  539386.4 4215495.2     9.4     1.30     5.67     1.21     YES   HRDOW
NO
 L0001256         0   0.29104E-02  539382.3 4215506.7     9.3     1.30     5.67     1.21     YES   HRDOW
NO
 L0001257         0   0.29104E-02  539378.3 4215518.2     9.2     1.30     5.67     1.21     YES   HRDOW
NO
 L0001258         0   0.29104E-02  539374.3 4215529.7     9.2     1.30     5.67     1.21     YES   HRDOW
NO
 L0001259         0   0.29104E-02  539370.2 4215541.2     9.1     1.30     5.67     1.21     YES   HRDOW
NO
 L0001260         0   0.29104E-02  539366.2 4215552.7     9.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0001261         0   0.29104E-02  539362.2 4215564.2     9.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0001262         0   0.29104E-02  539358.1 4215575.7     8.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0001263         0   0.29104E-02  539348.6 4215569.9     9.1     1.30     5.67     1.21     YES   HRDOW
NO
 L0001264         0   0.29104E-02  539338.7 4215562.8     9.3     1.30     5.67     1.21     YES   HRDOW
NO
 L0001265         0   0.29104E-02  539328.7 4215555.7     9.5     1.30     5.67     1.21     YES   HRDOW
NO
 L0001266         0   0.29104E-02  539318.8 4215548.7     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001267         0   0.29104E-02  539308.9 4215541.6     9.8     1.30     5.67     1.21     YES   HRDOW
NO
 L0001268         0   0.29104E-02  539298.9 4215534.5     9.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0001269         0   0.29104E-02  539289.0 4215527.5    10.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0001270         0   0.29104E-02  539279.1 4215520.4    10.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0001271         0   0.29104E-02  539280.9 4215513.2    10.1     1.30     5.67     1.21     YES   HRDOW
NO
 L0001272         0   0.29104E-02  539290.7 4215506.0    10.1     1.30     5.67     1.21     YES   HRDOW
NO
 L0001273         0   0.29104E-02  539301.1 4215499.9    10.1     1.30     5.67     1.21     YES   HRDOW
NO
 L0001274         0   0.29104E-02  539312.6 4215495.7    10.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0001275         0   0.29104E-02  539324.0 4215491.5     9.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0001276         0   0.29104E-02  539336.1 4215490.3     9.8     1.30     5.67     1.21     YES   HRDOW
NO
 L0001277         0   0.29104E-02  539348.3 4215489.2     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001278         0   0.29104E-02  539360.4 4215488.8     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001279         0   0.29104E-02  539372.6 4215489.3     9.5     1.30     5.67     1.21     YES   HRDOW
NO
 L0001280         0   0.29104E-02  539378.7 4215493.9     9.4     1.30     5.67     1.21     YES   HRDOW
NO
 L0001281         0   0.29104E-02  539374.6 4215505.4     9.4     1.30     5.67     1.21     YES   HRDOW
NO
 L0001282         0   0.29104E-02  539370.5 4215516.9     9.3     1.30     5.67     1.21     YES   HRDOW
NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001283	0	0.29104E-02	539366.5	4215528.4	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001284	0	0.29104E-02	539362.4	4215539.9	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001285	0	0.29104E-02	539358.4	4215551.4	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001286	0	0.29104E-02	539354.3	4215562.9	9.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001287	0	0.29104E-02	539344.8	4215557.6	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001288	0	0.29104E-02	539334.7	4215550.7	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001289	0	0.29104E-02	539324.6	4215543.8	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001290	0	0.29104E-02	539314.5	4215536.9	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0001291	0	0.29104E-02	539304.5	4215530.1	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001292	0	0.29104E-02	539294.4	4215523.2	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001293	0	0.29104E-02	539286.8	4215516.4	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001294	0	0.29104E-02	539297.5	4215510.6	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001295	0	0.29104E-02	539308.3	4215505.1	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001296	0	0.29104E-02	539320.3	4215502.7	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001297	0	0.29104E-02	539332.2	4215500.3	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0001298	0	0.29104E-02	539344.2	4215497.9	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001299	0	0.29104E-02	539356.3	4215496.8	9.6	1.30	5.67	1.21	YES	HRDOW
NO										
L0001300	0	0.29104E-02	539367.1	4215497.2	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001301	0	0.29104E-02	539363.5	4215508.9	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001302	0	0.29104E-02	539359.9	4215520.5	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001303	0	0.29104E-02	539356.3	4215532.2	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001304	0	0.29104E-02	539352.7	4215543.8	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001305	0	0.29104E-02	539346.3	4215547.6	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001306	0	0.29104E-02	539336.2	4215540.9	9.6	1.30	5.67	1.21	YES	HRDOW
NO										
L0001307	0	0.29104E-02	539326.0	4215534.1	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0001308	0	0.29104E-02	539315.9	4215527.4	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001309	0	0.29104E-02	539305.7	4215520.6	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001310	0	0.29104E-02	539310.3	4215514.3	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001311	0	0.29104E-02	539320.7	4215508.0	10.0	1.30	5.67	1.21	YES	HRDOW

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NO
 L0001312        0   0.29104E-02  539332.3 4215504.9     9.8     1.30     5.67     1.21     YES   HRDOW
NO
 L0001313        0   0.29104E-02  539344.4 4215503.0     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001314        0   0.29104E-02  539356.4 4215501.1     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001315        0   0.29104E-02  539355.0 4215510.3     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001316        0   0.29104E-02  539350.7 4215521.8     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001317        0   0.29104E-02  539346.5 4215533.2     9.5     1.30     5.67     1.21     YES   HRDOW
NO
 L0001318        0   0.29104E-02  539341.6 4215541.6     9.5     1.30     5.67     1.21     YES   HRDOW
NO
 L0001319        0   0.29104E-02  539333.1 4215532.9     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001320        0   0.29104E-02  539324.5 4215524.2     9.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0001321        0   0.29104E-02  539324.4 4215516.4     9.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0001322        0   0.29104E-02  539335.0 4215510.9     9.8     1.30     5.67     1.21     YES   HRDOW
NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                                       *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)            BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0001323        0   0.29104E-02  539347.0 4215510.7     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001324        0   0.29104E-02  539343.0 4215522.2     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001325        0   0.29104E-02  539336.5 4215526.1     9.7     1.30     5.67     1.21     YES   HRDOW
NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                                *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                             SOURCE IDs
 -----------                                             ----------


  CON1HR     L0001255    , L0001256    , L0001257    , L0001258    , L0001259    , L0001260    , L0001261    ,
L0001262    ,

             L0001263    , L0001264    , L0001265    , L0001266    , L0001267    , L0001268    , L0001269    ,
L0001270    ,

             L0001271    , L0001272    , L0001273    , L0001274    , L0001275    , L0001276    , L0001277    ,
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L0001278   ,

             L0001279   , L0001280   , L0001281   , L0001282   , L0001283   , L0001284   , L0001285   ,
L0001286   ,

             L0001287   , L0001288   , L0001289   , L0001290   , L0001291   , L0001292   , L0001293   ,
L0001294   ,

             L0001295   , L0001296   , L0001297   , L0001298   , L0001299   , L0001300   , L0001301   ,
L0001302   ,

             L0001303   , L0001304   , L0001305   , L0001306   , L0001307   , L0001308   , L0001309   ,
L0001310   ,

             L0001311   , L0001312   , L0001313   , L0001314   , L0001315   , L0001316   , L0001317   ,
L0001318   ,

             L0001319   , L0001320   , L0001321   , L0001322   , L0001323   , L0001324   , L0001325   ,

  TK1HR   L0001071   , L0001072   , L0001073   , L0001074   , L0001075   , L0001076   , L0001077   ,
L0001078   ,

             L0001079   , L0001080   , L0001081   ,

  TK2HR   L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   , L0001121   ,
L0001122   ,

             L0001123   , L0001124   , L0001125   , L0001126   , L0001127   , L0001128   , L0001129   ,
L0001130   ,

             L0001131   , L0001132   , L0001133   , L0001134   , L0001135   , L0001136   , L0001137   ,
L0001138   ,

             L0001139   , L0001140   , L0001141   , L0001142   , L0001143   , L0001144   , L0001145   ,
L0001146   ,

             L0001147   , L0001148   , L0001149   ,

  WKR1HR   L0001093   , L0001094   , L0001095   , L0001096   , L0001097   , L0001098   , L0001099   ,
L0001100   ,

             L0001101   , L0001102   , L0001103   ,

  WKR2HR   L0001185   , L0001186   , L0001187   , L0001188   , L0001189   , L0001190   , L0001191   ,
L0001192   ,

             L0001193   , L0001194   , L0001195   , L0001196   , L0001197   , L0001198   , L0001199   ,
L0001200   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

             L0001201   , L0001202   , L0001203   , L0001204   , L0001205   , L0001206   , L0001207   ,
L0001208   ,

             L0001209   , L0001210   , L0001211   , L0001212   , L0001213   , L0001214   , L0001215   ,
L0001216   ,

```
            L0001217    , L0001218    , L0001219    ,

  ALL       L0001071    , L0001072    , L0001073    , L0001074    , L0001075    , L0001076    , L0001077    ,
L0001078    ,

            L0001079    , L0001080    , L0001081    , L0001093    , L0001094    , L0001095    , L0001096    ,
L0001097    ,

            L0001098    , L0001099    , L0001100    , L0001101    , L0001102    , L0001103    , L0001115    ,
L0001116    ,

            L0001117    , L0001118    , L0001119    , L0001120    , L0001121    , L0001122    , L0001123    ,
L0001124    ,

            L0001125    , L0001126    , L0001127    , L0001128    , L0001129    , L0001130    , L0001131    ,
L0001132    ,

            L0001133    , L0001134    , L0001135    , L0001136    , L0001137    , L0001138    , L0001139    ,
L0001140    ,

            L0001141    , L0001142    , L0001143    , L0001144    , L0001145    , L0001146    , L0001147    ,
L0001148    ,

            L0001149    , L0001185    , L0001186    , L0001187    , L0001188    , L0001189    , L0001190    ,
L0001191    ,

            L0001192    , L0001193    , L0001194    , L0001195    , L0001196    , L0001197    , L0001198    ,
L0001199    ,

            L0001200    , L0001201    , L0001202    , L0001203    , L0001204    , L0001205    , L0001206    ,
L0001207    ,

            L0001208    , L0001209    , L0001210    , L0001211    , L0001212    , L0001213    , L0001214    ,
L0001215    ,

            L0001216    , L0001217    , L0001218    , L0001219    , L0001255    , L0001256    , L0001257    ,
L0001258    ,

            L0001259    , L0001260    , L0001261    , L0001262    , L0001263    , L0001264    , L0001265    ,
L0001266    ,

            L0001267    , L0001268    , L0001269    , L0001270    , L0001271    , L0001272    , L0001273    ,
L0001274    ,

            L0001275    , L0001276    , L0001277    , L0001278    , L0001279    , L0001280    , L0001281    ,
L0001282    ,

            L0001283    , L0001284    , L0001285    , L0001286    , L0001287    , L0001288    , L0001289    ,
L0001290    ,

            L0001291    , L0001292    , L0001293    , L0001294    , L0001295    , L0001296    , L0001297    ,
L0001298    ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
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            L0001299    , L0001300    , L0001301    , L0001302    , L0001303    , L0001304    , L0001305    ,
L0001306    ,
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	260206.	L0001071 , L0001072 , L0001073 , L0001074 , L0001075 , L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 , L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 , L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001185 , L0001186 , L0001187 , L0001188 , L0001189 , L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 , L0001219 , L0001255 , L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 , L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 , L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 ,

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             L0001283    , L0001284    , L0001285    , L0001286    , L0001287    , L0001288    , L0001289    ,
L0001290    ,

             L0001291    , L0001292    , L0001293    , L0001294    , L0001295    , L0001296    , L0001297    ,
L0001298    ,

             L0001299    , L0001300    , L0001301    , L0001302    , L0001303    , L0001304    , L0001305    ,
L0001306    ,

             L0001307    , L0001308    , L0001309    , L0001310    , L0001311    , L0001312    , L0001313    ,
L0001314    ,

             L0001315    , L0001316    , L0001317    , L0001318    , L0001319    , L0001320    , L0001321    ,
L0001322    ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


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

  URBAN ID   URBAN POP                                SOURCE IDs
  --------   ---------                                ----------


             L0001323    , L0001324    , L0001325    ,
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001071     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001072 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001073 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001074 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001075 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001076   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001077   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001078     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001079     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001080     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001081     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001093   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001094   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001095     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001096     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

  PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001097     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001098     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001099 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001100 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

SOURCE ID = L0001101   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0001102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001103     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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

SOURCE ID = L0001115 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001116 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001117 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001118 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001119 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001120 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001121   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001122   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

SOURCE ID = L0001123 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001124 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001125     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001126     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001127   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001128   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001129     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001130     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001131     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001132     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

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

SOURCE ID = L0001133 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0001134 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001135 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

```
 SOURCE ID = L0001136     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

  PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001137     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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

SOURCE ID = L0001138 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001139 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001140 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001141 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001142 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001143 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001144   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001145   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001146     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001147     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001148     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001149     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
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8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001185   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001186   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001187     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001188     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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

 SOURCE ID = L0001189     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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

 SOURCE ID = L0001190     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001191 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001192 ; SOURCE TYPE = VOLUME :

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

HOUR SCALAR
- -

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

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

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

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

SOURCE ID = L0001193 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

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

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

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

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

```
 SOURCE ID = L0001194     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

  PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001195     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001196     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001197     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001198 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001199 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001200 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001201 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001202   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001203   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0001204   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0001205   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

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

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

 SOURCE ID = L0001206     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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

 SOURCE ID = L0001207     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001208   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001209   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001210     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001211     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001212     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001213     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001214 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001215 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

SOURCE ID = L0001216 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0001217     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001218     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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

SOURCE ID = L0001219 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001255 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001256 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001257 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001258 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001259 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001260   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001261   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

SOURCE ID = L0001262   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
   9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                       DAY OF WEEK = SUNDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
   9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0001263   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                       DAY OF WEEK = WEEKDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
  17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                       DAY OF WEEK = SATURDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
   9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

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

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001264     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001265     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
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8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

 SOURCE ID = L0001266   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

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

 SOURCE ID = L0001267   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001268     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001269     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001270     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001271     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001272 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001273 ; SOURCE TYPE = VOLUME :

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

HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001274 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

```
 SOURCE ID = L0001275     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001276     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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

SOURCE ID = L0001277 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001278 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001279 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001280 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001281 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001282 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001283   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001284   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0001285   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0001286   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

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



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

 SOURCE ID = L0001287     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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

 SOURCE ID = L0001288     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

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

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

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

 SOURCE ID = L0001289   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

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

 SOURCE ID = L0001290   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001291     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001292     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

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

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



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

 SOURCE ID = L0001293     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

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

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

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



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

 SOURCE ID = L0001294     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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

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

SOURCE ID = L0001295 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0001296 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

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

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

SOURCE ID = L0001297   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0001298     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001299     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

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

SOURCE ID = L0001300 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001301 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001302 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001303 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001304 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001305 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001306   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001307   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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

 SOURCE ID = L0001308   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0001309   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

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

 SOURCE ID = L0001310     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001311     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001312   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001313   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001314 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001315 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

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

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

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



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

 SOURCE ID = L0001316     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

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

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

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



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

 SOURCE ID = L0001317     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001318 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

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

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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

SOURCE ID = L0001319 ; SOURCE TYPE = VOLUME :

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

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

 SOURCE ID = L0001320     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
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 SOURCE ID = L0001321   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001322   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0001323 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001324 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001325 ; SOURCE TYPE = VOLUME :

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

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

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

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

538744.0, 538764.0, 538784.0, 538804.0, 538824.0, 538844.0, 538864.0, 538884.0, 538904.0, 538924.0,
538944.0, 538964.0, 538984.0, 539004.0, 539024.0, 539044.0, 539064.0, 539084.0, 539104.0, 539124.0,
539144.0, 539164.0, 539184.0, 539204.0, 539224.0, 539244.0, 539264.0, 539284.0, 539304.0, 539324.0,
539344.0, 539364.0, 539384.0, 539404.0, 539424.0, 539444.0, 539464.0, 539484.0, 539504.0, 539524.0,
539544.0, 539564.0, 539584.0, 539604.0, 539624.0, 539644.0, 539664.0, 539684.0, 539704.0, 539724.0,

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

4214978.0, 4214998.0, 4215018.0, 4215038.0, 4215058.0, 4215078.0, 4215098.0, 4215118.0, 4215138.0, 4215158.0,
4215178.0, 4215198.0, 4215218.0, 4215238.0, 4215258.0, 4215278.0, 4215298.0, 4215318.0, 4215338.0, 4215358.0,
4215378.0, 4215398.0, 4215418.0, 4215438.0, 4215458.0, 4215478.0, 4215498.0, 4215518.0, 4215538.0, 4215558.0,
4215578.0, 4215598.0, 4215618.0, 4215638.0, 4215658.0, 4215678.0, 4215698.0, 4215718.0, 4215738.0, 4215758.0,
4215778.0, 4215798.0, 4215818.0, 4215838.0, 4215858.0, 4215878.0, 4215898.0, 4215918.0, 4215938.0, 4215958.0,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00	
4215958.00	10.10	9.80	9.60	9.30	9.30	9.30	9.30	9.20	8.90	
4215938.00	10.30	10.00	9.80	9.50	9.50	9.50	9.50	9.40	9.10	
4215918.00	10.50	10.30	10.00	9.70	9.70	9.70	9.70	9.60	9.40	
4215898.00	10.80	10.50	10.20	9.90	9.90	10.00	10.00	9.80	9.60	
4215878.00	11.00	10.70	10.40	10.20	10.10	10.10	10.00	9.90	9.70	
4215858.00	11.20	10.90	10.60	10.40	10.30	10.20	10.10	9.90	9.80	
4215838.00	11.40	11.10	10.90	10.60	10.40	10.30	10.10	10.00	9.80	
4215818.00	11.60	11.30	11.10	10.80	10.60	10.40	10.10	10.00	9.90	
4215798.00	11.80	11.60	11.30	11.00	10.80	10.50	10.20	10.10	10.10	
4215778.00	12.10	11.80	11.50	11.20	11.00	10.80	10.60	10.50	10.40	
4215758.00	12.30	12.00	11.70	11.50	11.30	11.20	11.00	10.90	10.80	
4215738.00	12.50	12.20	11.90	11.70	11.60	11.50	11.40	11.30	11.10	
4215718.00	12.70	12.40	12.20	11.90	11.90	11.80	11.80	11.70	11.50	
4215698.00	12.90	12.70	12.40	12.10	12.10	12.10	12.10	12.00	11.70	
4215678.00	13.10	12.90	12.60	12.30	12.30	12.30	12.30	12.20	12.00	
4215658.00	13.40	13.10	12.80	12.50	12.50	12.50	12.50	12.50	12.20	
4215638.00	13.60	13.30	13.00	12.80	12.80	12.80	12.80	12.70	12.40	
4215618.00	13.80	13.50	13.30	13.00	13.00	13.00	13.00	12.90	12.60	
4215598.00	14.00	13.70	13.50	13.20	13.20	13.20	13.20	13.10	12.80	
4215578.00	14.20	14.00	13.70	13.40	13.40	13.40	13.40	13.30	13.10	
4215558.00	14.40	14.20	13.90	13.60	13.60	13.60	13.60	13.50	13.30	
4215538.00	14.70	14.40	14.10	13.80	13.80	13.80	13.80	13.80	13.50	
4215518.00	14.90	14.60	14.30	14.10	14.00	14.00	14.00	13.90	13.70	
4215498.00	15.10	14.80	14.60	14.30	14.20	14.10	14.10	13.90	13.70	
4215478.00	15.30	15.00	14.80	14.50	14.40	14.20	14.10	14.00	13.80	
4215458.00	15.50	15.30	15.00	14.70	14.50	14.30	14.10	14.00	13.90	
4215438.00	15.80	15.50	15.20	14.90	14.70	14.40	14.20	14.00	14.00	
4215418.00	16.00	15.70	15.40	15.20	14.90	14.60	14.30	14.10	14.10	

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  4215398.00 |         16.20        15.90        15.60        15.40        15.10        14.80        14.60
14.40        14.40
  4215378.00 |         16.40        16.10        15.90        15.60        15.30        15.00        14.80
14.60        14.60
  4215358.00 |         16.60        16.40        16.10        15.80        15.50        15.30        15.00
14.80        14.80
  4215338.00 |         16.80        16.60        16.30        16.00        15.80        15.50        15.20
15.00        15.00
  4215318.00 |         17.10        16.80        16.50        16.20        16.00        15.80        15.60
15.40        15.40
  4215298.00 |         17.30        17.00        16.70        16.50        16.30        16.10        16.00
15.90        15.70
  4215278.00 |         17.50        17.20        17.00        16.70        16.60        16.50        16.40
16.30        16.10
  4215258.00 |         17.70        17.40        17.20        16.90        16.80        16.80        16.80
16.70        16.50
  4215238.00 |         17.90        17.70        17.40        17.10        17.10        17.00        17.00
16.90        16.70
  4215218.00 |         18.10        17.90        17.60        17.30        17.20        17.10        17.10
17.00        16.80
  4215198.00 |         18.40        18.10        17.80        17.50        17.40        17.30        17.10
17.00        16.80
  4215178.00 |         18.60        18.30        18.00        17.80        17.60        17.40        17.20
17.00        16.90
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 177
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

                                        * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |         18.80        18.50        18.30        18.00        17.70        17.50        17.20
17.00        17.00
  4215138.00 |         19.00        18.70        18.50        18.20        17.90        17.70        17.40
17.20        17.10
  4215118.00 |         19.20        19.00        18.70        18.40        18.10        17.90        17.60
17.40        17.30
  4215098.00 |         19.50        19.20        18.90        18.60        18.40        18.10        17.80
17.60        17.40
  4215078.00 |         19.70        19.40        19.10        18.90        18.60        18.30        18.00
17.80        17.60
  4215058.00 |         19.90        19.60        19.30        19.10        18.80        18.50        18.30
18.00        17.70
  4215038.00 |         20.10        19.80        19.60        19.30        19.00        18.70        18.50
18.20        17.90
  4215018.00 |         20.30        20.10        19.80        19.50        19.20        19.00        18.70
18.40        18.10
  4214998.00 |         20.50        20.30        20.00        19.70        19.50        19.20        18.90
18.60        18.40
  4214978.00 |         20.80        20.50        20.20        19.90        19.70        19.40        19.10
18.90        18.60
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 178
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00
539064.00	539084.00						
4215958.00	8.60	8.40	8.30	8.30	8.30	8.30	8.00
7.70	7.50						
4215938.00	8.90	8.60	8.50	8.50	8.50	8.50	8.20
8.00	7.70						
4215918.00	9.10	8.80	8.70	8.70	8.70	8.70	8.40
8.20	7.90						
4215898.00	9.30	9.00	9.00	9.00	9.00	8.90	8.70
8.40	8.10						
4215878.00	9.50	9.20	9.20	9.20	9.20	9.20	8.90
8.60	8.30						
4215858.00	9.60	9.40	9.40	9.40	9.40	9.40	9.10
8.80	8.60						
4215838.00	9.70	9.60	9.60	9.60	9.60	9.60	9.30
9.00	8.80						
4215818.00	9.90	9.80	9.80	9.80	9.80	9.80	9.50
9.30	9.00						
4215798.00	10.00	10.00	10.00	10.00	10.00	10.00	9.70
9.50	9.20						
4215778.00	10.30	10.30	10.20	10.10	10.10	10.00	9.80
9.60	9.40						
4215758.00	10.60	10.50	10.40	10.30	10.10	10.00	9.80
9.70	9.60						
4215738.00	10.90	10.70	10.60	10.40	10.20	10.00	9.90
9.80	9.70						
4215718.00	11.20	11.00	10.70	10.50	10.20	10.00	10.00
9.90	9.90						
4215698.00	11.50	11.20	10.90	10.70	10.40	10.10	10.10
10.10	10.10						
4215678.00	11.70	11.40	11.10	10.90	10.60	10.30	10.30
10.30	10.30						
4215658.00	11.90	11.60	11.40	11.10	10.80	10.60	10.60
10.60	10.60						
4215638.00	12.10	11.90	11.60	11.30	11.00	10.80	10.80
10.80	10.80						
4215618.00	12.30	12.10	11.80	11.50	11.30	11.00	11.00
11.00	11.00						
4215598.00	12.60	12.30	12.00	11.70	11.50	11.20	11.20
11.20	11.20						
4215578.00	12.80	12.50	12.20	12.00	11.70	11.40	11.40
11.40	11.40						
4215558.00	13.00	12.70	12.50	12.20	11.90	11.60	11.60
11.60	11.60						
4215538.00	13.20	12.90	12.70	12.40	12.10	11.90	11.90
11.90	11.90						
4215518.00	13.40	13.20	12.90	12.60	12.30	12.10	12.10
12.10	12.10						
4215498.00	13.50	13.30	13.10	12.80	12.60	12.30	12.30
12.30	12.30						
4215478.00	13.70	13.50	13.30	13.00	12.80	12.50	12.50
12.50	12.50						
4215458.00	13.80	13.70	13.50	13.30	13.00	12.70	12.70
12.70	12.70						
4215438.00	14.00	13.90	13.80	13.50	13.20	12.90	12.90
12.90	12.90						
4215418.00	14.10	14.10	14.00	13.70	13.40	13.20	13.20
13.20	13.20						
4215398.00	14.40	14.40	14.20	13.90	13.60	13.40	13.40
13.40	13.40						

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	7.30	7.30	7.30	7.30	7.10	6.80	6.60	6.30	6.30
4215938.00	7.50	7.50	7.50	7.50	7.30	7.00	6.80	6.50	6.50
4215918.00	7.70	7.70	7.70	7.80	7.50	7.30	7.00	6.80	6.80
4215898.00	8.00	8.00	8.00	8.00	7.80	7.50	7.20	7.00	7.00
4215878.00	8.20	8.10	8.10	8.00	7.80	7.60	7.40	7.20	7.10
4215858.00	8.30	8.20	8.10	8.00	7.90	7.70	7.50	7.40	7.30
4215838.00	8.50	8.40	8.20	8.00	7.90	7.80	7.70	7.60	7.40
4215818.00	8.70	8.50	8.30	8.10	8.00	7.90	7.90	7.80	7.60
4215798.00	8.90	8.70	8.40	8.10	8.00	8.10	8.10	8.00	7.70
4215778.00	9.10	8.90	8.60	8.30	8.30	8.30	8.30	8.20	8.00
4215758.00	9.40	9.10	8.80	8.50	8.50	8.50	8.50	8.50	8.20
4215738.00	9.60	9.30	9.00	8.80	8.70	8.70	8.70	8.70	8.40
4215718.00	9.80	9.50	9.30	9.00	8.90	8.90	8.90	8.90	8.60
4215698.00	10.00	9.70	9.50	9.20	9.10	9.10	9.00	9.00	8.70
4215678.00	10.20	10.00	9.70	9.40	9.30	9.20	9.10	9.00	8.80
4215658.00	10.50	10.20	9.90	9.60	9.50	9.30	9.10	9.00	8.90
4215638.00	10.70	10.40	10.10	9.90	9.60	9.40	9.20	9.00	8.90
4215618.00	10.90	10.60	10.30	10.10	9.80	9.50	9.30	9.00	9.00
4215598.00	11.10	10.80	10.60	10.30	10.00	9.70	9.50	9.20	9.20
4215578.00	11.30	11.10	10.80	10.50	10.20	10.00	9.70	9.40	9.40
4215558.00	11.50	11.30	11.00	10.70	10.50	10.20	9.90	9.60	9.60
4215538.00	11.80	11.50	11.20	10.90	10.70	10.40	10.10	9.90	9.90
4215518.00	12.00	11.70	11.40	11.20	10.90	10.60	10.30	10.10	10.10
4215498.00	12.20	11.90	11.70	11.40	11.10	10.80	10.60	10.30	10.20
4215478.00	12.40	12.10	11.90	11.60	11.30	11.00	10.80	10.50	10.40
4215458.00	12.60	12.40	12.10	11.80	11.50	11.30	11.00	10.70	10.50
4215438.00	12.80	12.60	12.30	12.00	11.80	11.50	11.20	10.90	10.70
4215418.00	13.10	12.80	12.50	12.20	12.00	11.70	11.40	11.20	10.90
4215398.00	13.30	13.00	12.70	12.50	12.20	11.90	11.60	11.40	11.10
4215378.00	13.50	13.20	13.00	12.70	12.40	12.10	11.90	11.60	11.30

4215358.00	13.70	13.40	13.20	12.90	12.60	12.40	12.10	11.80	11.50
4215338.00	13.90	13.60	13.40	13.10	12.80	12.60	12.30	12.00	11.70
4215318.00	13.90	13.70	13.50	13.30	13.00	12.70	12.30	12.00	11.80
4215298.00	14.00	13.80	13.70	13.50	13.20	12.80	12.40	12.00	11.90
4215278.00	14.00	13.90	13.80	13.70	13.40	12.90	12.50	12.00	11.90
4215258.00	14.00	14.00	13.90	13.90	13.60	13.00	12.50	12.00	12.00
4215238.00	14.10	14.10	14.00	14.00	13.70	13.20	12.60	12.10	12.10
4215218.00	14.30	14.20	14.10	14.00	13.70	13.30	12.80	12.30	12.30
4215198.00	14.50	14.30	14.20	14.10	13.80	13.40	13.00	12.60	12.50
4215178.00	14.70	14.50	14.30	14.10	13.80	13.50	13.10	12.80	12.80

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215158.00	14.90	14.60	14.40	14.10	13.80	13.50	13.30	13.00	13.00
4215138.00	15.10	14.80	14.50	14.10	13.90	13.60	13.40	13.20	13.10
4215118.00	15.30	14.90	14.50	14.20	13.90	13.70	13.60	13.40	13.30
4215098.00	15.50	15.10	14.60	14.20	13.90	13.80	13.70	13.60	13.50
4215078.00	15.70	15.20	14.70	14.20	14.00	13.90	13.90	13.80	13.60
4215058.00	15.90	15.30	14.80	14.30	14.10	14.10	14.10	14.10	13.80
4215038.00	15.90	15.40	14.90	14.50	14.30	14.30	14.30	14.30	14.00
4215018.00	15.90	15.50	15.10	14.70	14.50	14.50	14.50	14.50	14.20
4214998.00	15.90	15.60	15.20	14.90	14.70	14.70	14.70	14.70	14.50
4214978.00	15.90	15.60	15.30	15.00	14.90	14.90	14.90	14.90	14.70

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.70	5.50
4215938.00	6.50	6.50	6.50	6.30	6.20	6.00	5.90	5.80	5.60
4215918.00	6.80	6.80	6.70	6.50	6.20	6.00	5.90	5.90	5.80
4215898.00	7.00	7.00	6.80	6.60	6.30	6.00	6.00	6.00	6.00
4215878.00	7.10	7.00	6.90	6.70	6.50	6.20	6.20	6.10	6.00
4215858.00	7.20	7.10	6.90	6.80	6.60	6.40	6.30	6.20	6.10
4215838.00	7.30	7.10	7.00	6.80	6.70	6.60	6.50	6.30	6.10
4215818.00	7.40	7.10	7.00	6.90	6.90	6.90	6.70	6.40	6.20
4215798.00	7.50	7.20	7.10	7.10	7.10	7.10	6.80	6.60	6.30
4215778.00	7.70	7.40	7.30	7.30	7.30	7.30	7.10	6.80	6.50
4215758.00	7.90	7.60	7.50	7.50	7.50	7.50	7.30	7.00	6.70
4215738.00	8.10	7.90	7.70	7.70	7.70	7.70	7.50	7.20	6.90
4215718.00	8.30	8.10	7.90	7.90	7.90	7.90	7.70	7.40	7.20
4215698.00	8.50	8.30	8.10	8.10	8.00	8.00	7.80	7.60	7.30
4215678.00	8.60	8.50	8.30	8.20	8.10	8.00	7.90	7.70	7.50
4215658.00	8.80	8.60	8.50	8.30	8.20	8.00	7.90	7.80	7.70
4215638.00	8.90	8.80	8.70	8.50	8.30	8.10	8.00	7.90	7.80
4215618.00	9.00	9.00	8.90	8.60	8.30	8.10	8.00	8.00	8.00
4215598.00	9.20	9.20	9.10	8.80	8.60	8.30	8.20	8.20	8.20
4215578.00	9.40	9.40	9.30	9.10	8.80	8.50	8.40	8.40	8.40
4215558.00	9.70	9.70	9.50	9.30	9.00	8.70	8.70	8.70	8.70
4215538.00	9.90	9.90	9.80	9.50	9.20	8.90	8.90	8.90	8.90
4215518.00	10.00	10.00	9.90	9.70	9.40	9.20	9.10	9.00	9.00
4215498.00	10.10	10.10	9.90	9.70	9.50	9.40	9.20	9.20	9.10
4215478.00	10.20	10.10	10.00	9.80	9.70	9.60	9.40	9.30	9.10
4215458.00	10.30	10.10	10.00	9.90	9.80	9.80	9.60	9.40	9.20
4215438.00	10.40	10.20	10.00	10.00	10.00	10.00	9.80	9.50	9.20
4215418.00	10.60	10.30	10.10	10.10	10.10	10.00	9.80	9.60	9.40
4215398.00	10.80	10.60	10.30	10.20	10.10	10.00	9.90	9.70	9.50
4215378.00	11.00	10.80	10.50	10.40	10.20	10.00	9.90	9.80	9.70
4215358.00	11.30	11.00	10.70	10.50	10.30	10.10	10.00	9.90	9.90

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  4215338.00 |         11.50        11.20        10.90        10.70        10.40        10.10        10.00
10.00        10.00
  4215318.00 |         11.60        11.40        11.20        10.90        10.60        10.30        10.30
10.30        10.30
  4215298.00 |         11.70        11.60        11.40        11.10        10.80        10.60        10.50
10.50        10.50
  4215278.00 |         11.80        11.70        11.60        11.30        11.00        10.80        10.70
10.70        10.70
  4215258.00 |         11.90        11.90        11.80        11.50        11.30        11.00        10.90
10.90        10.90
  4215238.00 |         12.10        12.10        12.00        11.80        11.50        11.20        11.10
11.10        11.00
  4215218.00 |         12.30        12.30        12.20        12.00        11.70        11.40        11.30
11.20        11.10
  4215198.00 |         12.50        12.50        12.50        12.20        11.90        11.60        11.50
11.30        11.20
  4215178.00 |         12.80        12.80        12.70        12.40        12.10        11.90        11.60
11.40        11.20
```


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

* ELEVATION HEIGHTS IN METERS *

```
   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |    539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |         13.00        13.00        12.90        12.60        12.40        12.10        11.80
11.50        11.30
  4215138.00 |         13.10        13.00        12.90        12.70        12.50        12.30        12.00
11.80        11.50
  4215118.00 |         13.20        13.10        13.00        12.80        12.60        12.50        12.20
12.00        11.70
  4215098.00 |         13.30        13.10        13.00        12.90        12.80        12.70        12.50
12.20        11.90
  4215078.00 |         13.40        13.20        13.00        12.90        12.90        12.90        12.70
12.40        12.10
  4215058.00 |         13.50        13.30        13.10        13.00        13.00        13.00        12.80
12.60        12.30
  4215038.00 |         13.70        13.50        13.30        13.20        13.10        13.00        12.90
12.70        12.50
  4215018.00 |         14.00        13.70        13.50        13.30        13.20        13.10        12.90
12.80        12.60
  4214998.00 |         14.20        13.90        13.70        13.50        13.30        13.10        13.00
12.90        12.80
  4214978.00 |         14.40        14.10        13.90        13.60        13.40        13.10        13.00
13.00        13.00
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*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

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   Y-COORD  |                                          X-COORD (METERS)
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(METERS)	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	5.30	5.00	4.70	4.50	4.30	4.20	4.10	4.00	3.80
4215938.00	5.50	5.20	5.00	4.70	4.50	4.30	4.20	4.00	3.80
4215918.00	5.70	5.40	5.20	4.90	4.70	4.40	4.20	4.00	3.80
4215898.00	5.90	5.70	5.40	5.10	4.80	4.60	4.30	4.00	3.80
4215878.00	6.00	5.70	5.50	5.30	5.10	4.80	4.50	4.20	4.00
4215858.00	6.00	5.80	5.70	5.50	5.30	5.00	4.70	4.50	4.20
4215838.00	6.00	5.90	5.80	5.70	5.50	5.20	5.00	4.70	4.40
4215818.00	6.00	6.00	5.90	5.90	5.70	5.40	5.20	4.90	4.60
4215798.00	6.10	6.10	6.10	6.10	5.90	5.70	5.40	5.10	4.80
4215778.00	6.30	6.30	6.30	6.30	6.20	5.90	5.60	5.30	5.10
4215758.00	6.50	6.50	6.50	6.50	6.40	6.10	5.80	5.60	5.30
4215738.00	6.70	6.70	6.70	6.70	6.60	6.30	6.00	5.80	5.50
4215718.00	6.90	6.90	6.90	6.90	6.80	6.50	6.30	6.00	5.70
4215698.00	7.10	7.10	7.10	7.00	6.90	6.60	6.30	6.10	5.80
4215678.00	7.40	7.30	7.20	7.10	6.90	6.60	6.30	6.10	5.80
4215658.00	7.60	7.40	7.20	7.10	6.90	6.60	6.30	6.10	5.80
4215638.00	7.80	7.60	7.30	7.10	6.90	6.60	6.30	6.10	5.80
4215618.00	8.00	7.70	7.40	7.20	6.90	6.60	6.30	6.10	5.80
4215598.00	8.20	7.90	7.70	7.40	7.10	6.80	6.60	6.30	6.00
4215578.00	8.40	8.10	7.90	7.60	7.30	7.10	6.80	6.50	6.20
4215558.00	8.60	8.40	8.10	7.80	7.50	7.30	7.00	6.70	6.50
4215538.00	8.90	8.60	8.30	8.00	7.80	7.50	7.20	6.90	6.70
4215518.00	9.00	8.70	8.50	8.20	8.00	7.70	7.40	7.20	6.90
4215498.00	9.00	8.80	8.60	8.40	8.20	7.90	7.70	7.40	7.10
4215478.00	9.00	8.90	8.70	8.60	8.40	8.10	7.90	7.60	7.30
4215458.00	9.00	8.90	8.90	8.80	8.60	8.40	8.10	7.80	7.50
4215438.00	9.00	9.00	9.00	9.00	8.90	8.60	8.30	8.00	7.80
4215418.00	9.20	9.10	9.10	9.00	8.90	8.70	8.50	8.20	8.00
4215398.00	9.40	9.30	9.20	9.10	8.90	8.80	8.60	8.40	8.20
4215378.00	9.60	9.40	9.30	9.10	9.00	8.90	8.70	8.60	8.40
4215358.00	9.80	9.60	9.40	9.10	9.00	8.90	8.90	8.80	8.60
4215338.00	10.00	9.80	9.50	9.20	9.00	9.00	9.00	9.00	8.80

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

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	3.50	3.20	3.00	2.80	2.60
4215938.00	3.50	3.20	3.00	2.90	2.70
4215918.00	3.50	3.20	3.00	2.90	2.90
4215898.00	3.50	3.20	3.00	3.00	3.00
4215878.00	3.70	3.40	3.20	3.10	3.10
4215858.00	3.90	3.60	3.40	3.30	3.20
4215838.00	4.10	3.90	3.60	3.40	3.30
4215818.00	4.40	4.10	3.80	3.60	3.30
4215798.00	4.60	4.30	4.00	3.80	3.50
4215778.00	4.80	4.50	4.20	4.00	3.70
4215758.00	5.00	4.70	4.50	4.20	3.90
4215738.00	5.20	5.00	4.70	4.40	4.10
4215718.00	5.40	5.20	4.90	4.60	4.40
4215698.00	5.50	5.20	5.00	4.70	4.50
4215678.00	5.50	5.20	5.00	4.80	4.60
4215658.00	5.50	5.20	5.00	4.90	4.80
4215638.00	5.50	5.20	5.00	4.90	4.90
4215618.00	5.50	5.30	5.00	5.00	5.00
4215598.00	5.70	5.50	5.20	5.20	5.20
4215578.00	6.00	5.70	5.50	5.50	5.50
4215558.00	6.20	5.90	5.70	5.70	5.70
4215538.00	6.40	6.10	5.90	5.90	5.90
4215518.00	6.60	6.30	6.10	6.10	6.00
4215498.00	6.80	6.60	6.30	6.20	6.10
4215478.00	7.10	6.80	6.50	6.40	6.20
4215458.00	7.30	7.00	6.70	6.50	6.30
4215438.00	7.50	7.20	6.90	6.70	6.40
4215418.00	7.70	7.40	7.20	6.90	6.60
4215398.00	7.90	7.60	7.40	7.10	6.80
4215378.00	8.10	7.90	7.60	7.30	7.00
4215358.00	8.40	8.10	7.80	7.50	7.30
4215338.00	8.50	8.30	8.00	7.70	7.40
4215318.00	8.50	8.30	8.00	7.70	7.40
4215298.00	8.50	8.30	8.00	7.70	7.40
4215278.00	8.50	8.30	8.00	7.70	7.40
4215258.00	8.50	8.30	8.00	7.70	7.40
4215238.00	8.70	8.40	8.10	7.80	7.60
4215218.00	8.90	8.60	8.30	8.10	7.80
4215198.00	9.10	8.80	8.60	8.30	8.00
4215178.00	9.30	9.00	8.80	8.50	8.20
4215158.00	9.50	9.30	9.00	8.70	8.40
4215138.00	9.50	9.30	9.00	8.80	8.60
4215118.00	9.50	9.30	9.00	8.80	8.70
4215098.00	9.50	9.30	9.00	8.90	8.80
4215078.00	9.50	9.30	9.00	9.00	8.90
4215058.00	9.60	9.30	9.10	9.10	9.00
4215038.00	9.80	9.60	9.30	9.20	9.10
4215018.00	10.10	9.80	9.50	9.40	9.20
4214998.00	10.30	10.00	9.70	9.50	9.30
4214978.00	10.50	10.20	9.90	9.70	9.40

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215938.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215918.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215898.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215878.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215858.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215838.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215818.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215798.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215778.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215758.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215738.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215718.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215698.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215678.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215658.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215638.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

567.00 567.00

4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215418.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215398.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215378.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215358.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215338.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215318.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215938.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215918.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215898.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215878.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215858.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215838.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215818.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215798.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215778.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215758.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215738.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215718.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215698.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215678.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215658.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215638.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

567.00 567.00
4215418.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215398.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215378.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215358.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215338.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215318.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215218.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215198.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215178.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00
539064.00	539084.00						
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	567.00	567.00	567.00	7.30	7.10	6.80	6.60	6.30	6.30
4215938.00	567.00	567.00	567.00	567.00	7.30	7.00	6.80	6.50	6.50
4215918.00	567.00	567.00	567.00	567.00	567.00	7.30	7.00	6.80	6.80
4215898.00	567.00	567.00	567.00	567.00	567.00	7.50	7.20	7.00	7.00
4215878.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40	7.20	7.10
4215858.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40	7.30
4215838.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40
4215818.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.60
4215798.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215778.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215758.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215738.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215718.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215698.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215678.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215658.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215638.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215418.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

567.00 567.00

4215398.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215378.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215358.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215338.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215318.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.70	5.50
4215938.00	6.50	6.50	6.50	6.30	6.20	6.00	5.90	5.80	5.60
4215918.00	6.80	6.80	6.70	6.50	6.20	6.00	5.90	5.90	5.80
4215898.00	7.00	7.00	6.80	6.60	6.30	6.00	6.00	6.00	6.00
4215878.00	7.10	7.00	6.90	6.70	6.50	6.20	6.20	6.10	6.00
4215858.00	7.20	7.10	6.90	6.80	6.60	6.40	6.30	6.20	6.10
4215838.00	7.30	7.10	7.00	6.80	6.70	6.60	6.50	6.30	6.10
4215818.00	7.40	7.10	7.00	6.90	6.90	6.90	6.70	6.40	6.20
4215798.00	7.50	7.20	7.10	7.10	7.10	7.10	6.80	6.60	6.30
4215778.00	567.00	7.40	7.30	7.30	7.30	7.30	7.10	6.80	6.50
4215758.00	567.00	7.60	7.50	7.50	7.50	7.50	7.30	7.00	6.70
4215738.00	567.00	567.00	7.70	7.70	7.70	7.70	7.50	7.20	6.90
4215718.00	567.00	567.00	567.00	7.90	7.90	7.90	7.70	7.40	7.20
4215698.00	567.00	567.00	567.00	8.10	8.00	8.00	7.80	7.60	7.30
4215678.00	567.00	567.00	567.00	567.00	8.10	8.00	7.90	7.70	7.50
4215658.00	567.00	567.00	567.00	567.00	8.20	8.00	7.90	7.80	7.70
4215638.00	567.00	567.00	567.00	567.00	567.00	8.10	8.00	7.90	7.80
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	8.00	8.00	8.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	8.20	8.20	8.20
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.40	8.40
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.70	8.70
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.90
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215418.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215398.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

								567.00	567.00
4215378.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215358.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215338.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215318.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00	
4215958.00	5.30	5.00	4.70	4.50	4.30	4.20	4.10	4.00	3.80	
4215938.00	5.50	5.20	5.00	4.70	4.50	4.30	4.20	4.00	3.80	
4215918.00	5.70	5.40	5.20	4.90	4.70	4.40	4.20	4.00	3.80	
4215898.00	5.90	5.70	5.40	5.10	4.80	4.60	4.30	4.00	3.80	
4215878.00	6.00	5.70	5.50	5.30	5.10	4.80	4.50	4.20	4.00	
4215858.00	6.00	5.80	5.70	5.50	5.30	5.00	4.70	4.50	4.20	
4215838.00	6.00	5.90	5.80	5.70	5.50	5.20	5.00	4.70	4.40	
4215818.00	6.00	6.00	5.90	5.90	5.70	5.40	5.20	4.90	4.60	
4215798.00	6.10	6.10	6.10	6.10	5.90	5.70	5.40	5.10	4.80	
4215778.00	6.30	6.30	6.30	6.30	6.20	5.90	5.60	5.30	5.10	
4215758.00	6.50	6.50	6.50	6.50	6.40	6.10	5.80	5.60	5.30	
4215738.00	6.70	6.70	6.70	6.70	6.60	6.30	6.00	5.80	5.50	
4215718.00	6.90	6.90	6.90	6.90	6.80	6.50	6.30	6.00	5.70	
4215698.00	7.10	7.10	7.10	7.00	6.90	6.60	6.30	6.10	5.80	
4215678.00	7.40	7.30	7.20	7.10	6.90	6.60	6.30	6.10	5.80	
4215658.00	7.60	7.40	7.20	7.10	6.90	6.60	6.30	6.10	5.80	
4215638.00	7.80	7.60	7.30	7.10	6.90	6.60	6.30	6.10	5.80	
4215618.00	8.00	7.70	7.40	7.20	6.90	6.60	6.30	6.10	5.80	
4215598.00	8.20	7.90	7.70	7.40	7.10	6.80	6.60	6.30	6.00	
4215578.00	8.40	8.10	7.90	7.60	7.30	7.10	6.80	6.50	6.20	
4215558.00	8.60	8.40	8.10	7.80	7.50	7.30	7.00	6.70	6.50	
4215538.00	8.90	8.60	8.30	8.00	7.80	7.50	7.20	6.90	6.70	
4215518.00	9.00	8.70	8.50	8.20	8.00	7.70	7.40	7.20	6.90	
4215498.00	9.00	8.80	8.60	8.40	8.20	7.90	7.70	7.40	7.10	
4215478.00	567.00	8.90	8.70	8.60	8.40	8.10	7.90	7.60	7.30	
4215458.00	567.00	8.90	8.90	8.80	8.60	8.40	8.10	7.80	7.50	
4215438.00	567.00	567.00	9.00	9.00	8.90	8.60	8.30	8.00	7.80	
4215418.00	567.00	567.00	567.00	9.00	8.90	8.70	8.50	8.20	8.00	
4215398.00	567.00	567.00	567.00	9.10	8.90	8.80	8.60	8.40	8.20	
4215378.00	567.00	567.00	567.00	567.00	9.00	8.90	8.70			

Y-COORD (METERS)									
								8.60	8.40
4215358.00	567.00	567.00	567.00	567.00	9.00	8.90	8.90	8.80	8.60
4215338.00	567.00	567.00	567.00	567.00	567.00	9.00	9.00	9.00	8.80
4215318.00	567.00	567.00	567.00	567.00	567.00	9.20	9.10	9.00	8.80
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	9.20	9.00	8.80
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	9.10	8.80
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	9.10	8.80
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.90
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	119.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	3.50	3.20	3.00	2.80	2.60
4215938.00	3.50	3.20	3.00	2.90	2.70
4215918.00	3.50	3.20	3.00	2.90	2.90
4215898.00	3.50	3.20	3.00	3.00	3.00
4215878.00	3.70	3.40	3.20	3.10	3.10
4215858.00	3.90	3.60	3.40	3.30	3.20
4215838.00	4.10	3.90	3.60	3.40	3.30
4215818.00	4.40	4.10	3.80	3.60	3.30
4215798.00	4.60	4.30	4.00	3.80	3.50
4215778.00	4.80	4.50	4.20	4.00	3.70
4215758.00	5.00	4.70	4.50	4.20	3.90
4215738.00	5.20	5.00	4.70	4.40	4.10
4215718.00	5.40	5.20	4.90	4.60	4.40
4215698.00	5.50	5.20	5.00	4.70	4.50
4215678.00	5.50	5.20	5.00	4.80	4.60
4215658.00	5.50	5.20	5.00	4.90	4.80
4215638.00	5.50	5.20	5.00	4.90	4.90
4215618.00	5.50	5.30	5.00	5.00	5.00
4215598.00	5.70	5.50	5.20	5.20	5.20
4215578.00	6.00	5.70	5.50	5.50	5.50
4215558.00	6.20	5.90	5.70	5.70	5.70
4215538.00	6.40	6.10	5.90	5.90	5.90
4215518.00	6.60	6.30	6.10	6.10	6.00
4215498.00	6.80	6.60	6.30	6.20	6.10
4215478.00	7.10	6.80	6.50	6.40	6.20
4215458.00	7.30	7.00	6.70	6.50	6.30
4215438.00	7.50	7.20	6.90	6.70	6.40
4215418.00	7.70	7.40	7.20	6.90	6.60
4215398.00	7.90	7.60	7.40	7.10	6.80
4215378.00	8.10	7.90	7.60	7.30	7.00
4215358.00	8.40	8.10	7.80	7.50	7.30
4215338.00	8.50	8.30	8.00	7.70	7.40
4215318.00	8.50	8.30	8.00	7.70	7.40
4215298.00	8.50	8.30	8.00	7.70	7.40
4215278.00	8.50	8.30	8.00	7.70	7.40
4215258.00	8.50	8.30	8.00	7.70	7.40
4215238.00	8.70	8.40	8.10	7.80	7.60
4215218.00	119.00	119.00	8.30	8.10	7.80
4215198.00	119.00	119.00	119.00	119.00	8.00
4215178.00	119.00	119.00	119.00	119.00	119.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	567.00	119.00	119.00	119.00	119.00
4215138.00	567.00	548.00	119.00	119.00	119.00
4215118.00	567.00	567.00	119.00	119.00	119.00
4215098.00	567.00	567.00	567.00	119.00	119.00
4215078.00	567.00	567.00	567.00	119.00	119.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215498.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215478.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
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  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

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

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00
539064.00	539084.00						
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

  4215478.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
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  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

                                      * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00	
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215438.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	

  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50
4215458.00	1.50	1.50	1.50	1.50	1.50
4215438.00	1.50	1.50	1.50	1.50	1.50
4215418.00	1.50	1.50	1.50	1.50	1.50
4215398.00	1.50	1.50	1.50	1.50	1.50
4215378.00	1.50	1.50	1.50	1.50	1.50
4215358.00	1.50	1.50	1.50	1.50	1.50
4215338.00	1.50	1.50	1.50	1.50	1.50
4215318.00	1.50	1.50	1.50	1.50	1.50
4215298.00	1.50	1.50	1.50	1.50	1.50
4215278.00	1.50	1.50	1.50	1.50	1.50
4215258.00	1.50	1.50	1.50	1.50	1.50
4215238.00	1.50	1.50	1.50	1.50	1.50
4215218.00	1.50	1.50	1.50	1.50	1.50
4215198.00	1.50	1.50	1.50	1.50	1.50
4215178.00	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

(539341.8, 4215428.7, 10.0, 567.0, 1.5); (539351.8, 4215428.7, 10.0, 567.0, 1.5);
(539361.8, 4215428.7, 10.0, 567.0, 1.5); (539371.8, 4215428.7, 10.0, 567.0, 1.5);
(539381.8, 4215428.7, 10.0, 567.0, 1.5); (539341.8, 4215438.7, 10.0, 567.0, 1.5);
(539351.8, 4215438.7, 10.0, 567.0, 1.5); (539361.8, 4215438.7, 10.0, 567.0, 1.5);
(539371.8, 4215438.7, 10.0, 567.0, 1.5); (539381.8, 4215438.7, 10.0, 567.0, 1.5);
(539341.8, 4215448.7, 9.9, 567.0, 1.5); (539351.8, 4215448.7, 9.9, 567.0, 1.5);
(539361.8, 4215448.7, 9.9, 567.0, 1.5); (539371.8, 4215448.7, 9.9, 567.0, 1.5);
(539381.8, 4215448.7, 9.9, 567.0, 1.5); (539341.8, 4215458.7, 9.9, 567.0, 1.5);
(539351.8, 4215458.7, 9.9, 567.0, 1.5); (539361.8, 4215458.7, 9.8, 567.0, 1.5);
(539371.8, 4215458.7, 9.8, 567.0, 1.5); (539381.8, 4215458.7, 9.8, 567.0, 1.5);
(539341.8, 4215468.7, 9.9, 567.0, 1.5); (539351.8, 4215468.7, 9.8, 567.0, 1.5);
(539361.8, 4215468.7, 9.8, 567.0, 1.5); (539371.8, 4215468.7, 9.7, 567.0, 1.5);
(539381.8, 4215468.7, 9.7, 567.0, 1.5); (539113.9, 4215517.5, 11.9, 567.0, 1.5);
(539096.5, 4215516.0, 12.1, 567.0, 1.5); (539108.3, 4215501.2, 12.1, 567.0, 1.5);
(539096.0, 4215500.7, 12.3, 567.0, 1.5); (539108.3, 4215486.4, 12.3, 567.0, 1.5);
(539094.5, 4215485.4, 12.4, 567.0, 1.5); (539135.3, 4215461.4, 12.2, 567.0, 1.5);
(539150.1, 4215439.9, 12.2, 567.0, 1.5); (539114.4, 4215452.7, 12.6, 567.0, 1.5);
(539123.1, 4215439.4, 12.6, 567.0, 1.5); (539159.3, 4215421.0, 12.3, 567.0, 1.5);
(539145.0, 4215416.4, 12.5, 567.0, 1.5); (539134.3, 4215410.8, 12.7, 567.0, 1.5);
(539131.8, 4215425.1, 12.6, 567.0, 1.5); (539206.8, 4215383.8, 12.0, 567.0, 1.5);
(539216.0, 4215372.5, 12.0, 567.0, 1.5); (539188.9, 4215382.2, 12.3, 567.0, 1.5);
(539176.2, 4215379.7, 12.5, 567.0, 1.5); (539165.4, 4215376.1, 12.7, 567.0, 1.5);
(539248.8, 4215356.7, 11.8, 567.0, 1.5); (539243.5, 4215348.5, 11.9, 567.0, 1.5);
(539265.6, 4215345.2, 11.7, 567.0, 1.5); (539260.8, 4215338.0, 11.8, 567.0,

1.5);
(539256.2, 4215351.4, 11.7, 567.0, 1.5); (539272.8, 4215331.9, 11.6, 567.0,
1.5);
(539264.8, 4215325.0, 11.8, 567.0, 1.5); (539280.8, 4215321.8, 11.6, 567.0,
1.5);
(539280.0, 4215307.1, 11.7, 567.0, 1.5); (539288.0, 4215313.8, 11.6, 567.0,
1.5);
(539297.8, 4215304.7, 11.6, 567.0, 1.5); (539289.6, 4215296.2, 11.7, 567.0,
1.5);
(539311.2, 4215287.7, 11.6, 567.0, 1.5); (539303.7, 4215281.3, 11.7, 567.0,
1.5);
(539303.7, 4215296.2, 11.6, 567.0, 1.5); (539314.2, 4215271.8, 11.8, 567.0,
1.5);
(539329.1, 4215260.5, 11.7, 567.0, 1.5); (539339.7, 4215237.2, 11.8, 567.0,
1.5);
(539357.4, 4215232.9, 11.6, 567.0, 1.5); (539394.1, 4215199.7, 11.5, 567.0,
1.5);
(539045.0, 4215579.2, 11.4, 567.0, 1.5); (539034.4, 4215591.9, 11.3, 567.0,
1.5);
(539054.9, 4215556.6, 11.7, 567.0, 1.5); (539058.4, 4215538.9, 11.8, 567.0,
1.5);
(539054.9, 4215520.5, 12.0, 567.0, 1.5); (539082.4, 4215477.4, 12.5, 567.0,
1.5);
(539074.0, 4215466.1, 12.6, 567.0, 1.5); (539098.7, 4215440.7, 12.9, 567.0,
1.5);
(539109.3, 4215426.6, 12.9, 567.0, 1.5); (539117.1, 4215416.0, 12.9, 567.0,
1.5);
(539125.6, 4215401.1, 13.0, 567.0, 1.5); (539158.8, 4215367.2, 12.9, 567.0,
1.5);
(539150.3, 4215357.3, 13.1, 567.0, 1.5); (539184.2, 4215339.6, 12.8, 567.0,
1.5);
(539222.4, 4215324.8, 12.4, 567.0, 1.5); (539243.6, 4215317.7, 12.0, 567.0,
1.5);
(539371.5, 4215194.0, 11.9, 567.0, 1.5); (539364.4, 4215191.9, 12.0, 567.0,
1.5);
(539344.6, 4215200.4, 12.2, 567.0, 1.5); (539409.7, 4215113.5, 12.2, 567.0,
1.5);
(539355.9, 4215136.8, 12.6, 567.0, 1.5); (539262.7, 4215288.8, 11.9, 567.0,
1.5);
(539282.4, 4215261.2, 11.9, 567.0, 1.5); (539299.4, 4215235.0, 12.1, 567.0,
1.5);
(538948.9, 4216164.2, 7.0, 567.0, 1.5); (539351.6, 4215795.9, 7.1, 7.1,
1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

(539171.4, 4215646.3, 9.7, 567.0, 1.5); (539359.0, 4215583.0, 8.8, 567.0,
1.5);
(539293.8, 4215538.6, 9.9, 567.0, 1.5); (539260.8, 4215517.0, 10.1, 567.0,
1.5);
(539279.4, 4215503.6, 10.1, 567.0, 1.5); (539292.2, 4215495.5, 10.1, 567.0,
1.5);
(539319.0, 4215487.2, 10.0, 567.0, 1.5); (539337.1, 4215482.8, 9.9, 567.0,
1.5);
(539356.1, 4215482.0, 9.7, 567.0, 1.5); (539369.9, 4215483.0, 9.6, 567.0,
1.5);
(539384.7, 4215486.6, 9.5, 567.0, 1.5); (539391.5, 4215490.9, 9.4, 567.0,
1.5);
(539342.7, 4215571.9, 9.1, 567.0, 1.5); (539326.4, 4215560.8, 9.5, 567.0,
1.5);

(539310.1, 4215549.7, 9.7, 567.0, 1.5); (539277.3, 4215527.8, 10.0, 567.0, 1.5);
(539270.1, 4215510.3, 10.1, 567.0, 1.5); (539305.6, 4215491.4, 10.1, 567.0, 1.5);
(539385.0, 4215509.3, 9.2, 567.0, 1.5); (539378.5, 4215527.8, 9.1, 567.0, 1.5);
(539372.0, 4215546.2, 9.0, 567.0, 1.5); (539365.5, 4215564.6, 8.9, 567.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001128	539264.0	4215938.0	-1.85
L0001128	539244.0	4215958.0	-13.47
L0001128	539264.0	4215958.0	-20.67
L0001128	539284.0	4215958.0	-3.52
L0001129	539264.0	4215918.0	-4.50
L0001129	539284.0	4215918.0	-5.66
L0001129	539264.0	4215938.0	-18.21
L0001129	539284.0	4215938.0	-21.00
L0001129	539304.0	4215938.0	-1.31
L0001129	539264.0	4215958.0	-9.31
L0001129	539284.0	4215958.0	-10.76
L0001130	539284.0	4215898.0	-10.27
L0001130	539304.0	4215898.0	-8.56
L0001130	539264.0	4215918.0	-1.67
L0001130	539284.0	4215918.0	-21.49
L0001130	539304.0	4215918.0	-18.05
L0001130	539284.0	4215938.0	-6.42
L0001130	539304.0	4215938.0	-4.98
L0001131	539284.0	4215878.0	-1.75
L0001131	539304.0	4215878.0	-15.99
L0001131	539324.0	4215878.0	-10.13
L0001131	539284.0	4215898.0	-4.01
L0001131	539304.0	4215898.0	-21.42
L0001131	539324.0	4215898.0	-13.50
L0001131	539304.0	4215918.0	-2.59
L0001131	539324.0	4215918.0	0.82
L0001132	539324.0	4215838.0	-1.73
L0001132	539304.0	4215858.0	-6.66
L0001132	539324.0	4215858.0	-21.59
L0001132	539344.0	4215858.0	-10.06
L0001132	539304.0	4215878.0	-5.17
L0001132	539324.0	4215878.0	-18.05
L0001132	539344.0	4215878.0	-8.34
L0001133	539324.0	4215818.0	-0.12
L0001133	539344.0	4215818.0	-6.61
L0001133	539324.0	4215838.0	-11.06
L0001133	539344.0	4215838.0	-26.38
L0001133	539364.0	4215838.0	-8.37
L0001133	539324.0	4215858.0	-5.00
L0001133	539344.0	4215858.0	-13.28

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001133	539364.0	4215858.0	-2.90
L0001134	539344.0	4215798.0	-5.91
L0001134	539364.0	4215798.0	-10.95
L0001134	539384.0	4215798.0	0.76
L0001134	539344.0	4215818.0	-14.49
L0001134	539364.0	4215818.0	-25.18
L0001134	539384.0	4215818.0	-5.38
L0001134	539344.0	4215838.0	-3.52
L0001134	539364.0	4215838.0	-8.00
L0001134	539351.6	4215795.9	-8.02
L0001135	539364.0	4215778.0	-11.68
L0001135	539384.0	4215778.0	-14.30
L0001135	539404.0	4215778.0	0.95
L0001135	539364.0	4215798.0	-16.21
L0001135	539384.0	4215798.0	-19.94
L0001135	539404.0	4215798.0	-1.50
L0001135	539364.0	4215818.0	-0.93
L0001135	539384.0	4215818.0	-2.50
L0001135	539351.6	4215795.9	-5.03
L0001136	539384.0	4215738.0	0.16
L0001136	539404.0	4215738.0	0.81
L0001136	539364.0	4215758.0	0.33
L0001136	539384.0	4215758.0	-17.41
L0001136	539404.0	4215758.0	-15.94
L0001136	539384.0	4215778.0	-15.59
L0001136	539404.0	4215778.0	-14.29
L0001137	539404.0	4215718.0	-5.38
L0001137	539424.0	4215718.0	-2.19
L0001137	539384.0	4215738.0	-3.88
L0001137	539404.0	4215738.0	-22.98
L0001137	539424.0	4215738.0	-15.28
L0001137	539384.0	4215758.0	0.43
L0001137	539404.0	4215758.0	-12.89
L0001137	539424.0	4215758.0	-8.55
L0001138	539404.0	4215698.0	-0.42
L0001138	539424.0	4215698.0	-10.75
L0001138	539444.0	4215698.0	-4.19
L0001138	539404.0	4215718.0	-7.36
L0001138	539424.0	4215718.0	-27.21
L0001138	539444.0	4215718.0	-12.58

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001138	539404.0	4215738.0	0.83
L0001138	539424.0	4215738.0	-8.89

L0001138	539444.0	4215738.0	-2.78
L0001139	539424.0	4215678.0	-5.94
L0001139	539444.0	4215678.0	-15.78
L0001139	539464.0	4215678.0	-4.98
L0001139	539424.0	4215698.0	-9.73
L0001139	539444.0	4215698.0	-24.17
L0001139	539464.0	4215698.0	-8.60
L0001139	539444.0	4215718.0	-4.19
L0001140	539464.0	4215638.0	-0.40
L0001140	539444.0	4215658.0	-11.28
L0001140	539464.0	4215658.0	-19.91
L0001140	539484.0	4215658.0	-4.43
L0001140	539444.0	4215678.0	-10.60
L0001140	539464.0	4215678.0	-18.68
L0001140	539484.0	4215678.0	-3.92
L0001140	539464.0	4215698.0	0.90
L0001141	539464.0	4215618.0	-2.26
L0001141	539484.0	4215618.0	-4.52
L0001141	539464.0	4215638.0	-16.23
L0001141	539484.0	4215638.0	-21.68
L0001141	539504.0	4215638.0	-2.63
L0001141	539464.0	4215658.0	-9.75
L0001141	539484.0	4215658.0	-12.98
L0001142	539484.0	4215598.0	-8.05
L0001142	539504.0	4215598.0	-7.87
L0001142	539464.0	4215618.0	-0.19
L0001142	539484.0	4215618.0	-20.18
L0001142	539504.0	4215618.0	-19.79
L0001142	539524.0	4215618.0	0.21
L0001142	539484.0	4215638.0	-7.39
L0001142	539504.0	4215638.0	-7.21
L0001143	539484.0	4215578.0	0.43
L0001143	539504.0	4215578.0	-13.81
L0001143	539524.0	4215578.0	-10.04
L0001143	539484.0	4215598.0	-2.89
L0001143	539504.0	4215598.0	-21.58
L0001143	539524.0	4215598.0	-15.61
L0001143	539504.0	4215618.0	-3.92

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001143	539524.0	4215618.0	-1.43
L0001144	539524.0	4215538.0	0.12
L0001144	539504.0	4215558.0	-4.58
L0001144	539524.0	4215558.0	-19.51
L0001144	539544.0	4215558.0	-10.65
L0001144	539504.0	4215578.0	-4.52
L0001144	539524.0	4215578.0	-19.35
L0001144	539544.0	4215578.0	-10.57
L0001144	539524.0	4215598.0	0.28
L0001145	539504.0	4215538.0	-15.82
L0001145	539524.0	4215538.0	-15.18
L0001145	539504.0	4215558.0	-16.52
L0001145	539524.0	4215558.0	-15.85
L0001146	539464.0	4215518.0	-1.66
L0001146	539484.0	4215518.0	-16.08

L0001146	539504.0	4215518.0	-10.39
L0001146	539464.0	4215538.0	-3.78
L0001146	539484.0	4215538.0	-21.17
L0001146	539504.0	4215538.0	-13.60
L0001146	539484.0	4215558.0	-2.39
L0001146	539504.0	4215558.0	0.87
L0001147	539444.0	4215498.0	-4.00
L0001147	539464.0	4215498.0	-13.64
L0001147	539484.0	4215498.0	-4.32
L0001147	539444.0	4215518.0	-9.46
L0001147	539464.0	4215518.0	-26.33
L0001147	539484.0	4215518.0	-9.87
L0001147	539464.0	4215538.0	-6.34
L0001147	539484.0	4215538.0	0.85
L0001148	539424.0	4215478.0	-5.00
L0001148	539444.0	4215478.0	-9.52
L0001148	539424.0	4215498.0	-14.86
L0001148	539444.0	4215498.0	-25.12
L0001148	539464.0	4215498.0	-5.12
L0001148	539424.0	4215518.0	-4.83
L0001148	539444.0	4215518.0	-9.30
L0001149	539404.0	4215458.0	0.16
L0001149	539384.0	4215478.0	-1.18
L0001149	539404.0	4215478.0	-18.21
L0001149	539424.0	4215478.0	-14.26

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001149	539384.0	4215498.0	-0.68
L0001149	539404.0	4215498.0	-17.02
L0001149	539424.0	4215498.0	-13.34
L0001149	539384.7	4215486.6	-3.37
L0001149	539391.5	4215490.9	-9.87
L0001198	539264.0	4215938.0	-1.98
L0001198	539244.0	4215958.0	-13.45
L0001198	539264.0	4215958.0	-20.82
L0001198	539284.0	4215958.0	-3.63
L0001199	539264.0	4215918.0	-4.57
L0001199	539284.0	4215918.0	-5.81
L0001199	539264.0	4215938.0	-18.16
L0001199	539284.0	4215938.0	-21.12
L0001199	539304.0	4215938.0	-1.40
L0001199	539264.0	4215958.0	-9.16
L0001199	539284.0	4215958.0	-10.69
L0001200	539284.0	4215898.0	-10.34
L0001200	539304.0	4215898.0	-8.71
L0001200	539264.0	4215918.0	-1.58
L0001200	539284.0	4215918.0	-21.38
L0001200	539304.0	4215918.0	-18.11
L0001200	539284.0	4215938.0	-6.28
L0001200	539304.0	4215938.0	-4.91
L0001201	539284.0	4215878.0	-1.73
L0001201	539304.0	4215878.0	-16.07
L0001201	539324.0	4215878.0	-10.27
L0001201	539284.0	4215898.0	-3.90
L0001201	539304.0	4215898.0	-21.27

L0001201	539324.0	4215898.0	-13.53
L0001201	539304.0	4215918.0	-2.45
L0001201	539324.0	4215918.0	0.89
L0001202	539324.0	4215838.0	-1.84
L0001202	539304.0	4215858.0	-6.63
L0001202	539324.0	4215858.0	-21.68
L0001202	539344.0	4215858.0	-10.19
L0001202	539304.0	4215878.0	-5.04
L0001202	539324.0	4215878.0	-17.92
L0001202	539344.0	4215878.0	-8.34
L0001203	539324.0	4215818.0	-0.16
L0001203	539344.0	4215818.0	-6.73

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001203	539324.0	4215838.0	-11.00
L0001203	539344.0	4215838.0	-26.52
L0001203	539364.0	4215838.0	-8.47
L0001203	539324.0	4215858.0	-4.86
L0001203	539344.0	4215858.0	-13.17
L0001203	539364.0	4215858.0	-2.89
L0001204	539344.0	4215798.0	-5.95
L0001204	539364.0	4215798.0	-11.08
L0001204	539384.0	4215798.0	0.62
L0001204	539344.0	4215818.0	-14.39
L0001204	539364.0	4215818.0	-25.22
L0001204	539384.0	4215818.0	-5.45
L0001204	539344.0	4215838.0	-3.37
L0001204	539364.0	4215838.0	-7.90
L0001204	539351.6	4215795.9	-8.10
L0001205	539364.0	4215778.0	-11.71
L0001205	539384.0	4215778.0	-14.44
L0001205	539404.0	4215778.0	0.82
L0001205	539364.0	4215798.0	-16.08
L0001205	539384.0	4215798.0	-19.93
L0001205	539404.0	4215798.0	-1.55
L0001205	539364.0	4215818.0	-0.78
L0001205	539384.0	4215818.0	-2.41
L0001205	539351.6	4215795.9	-4.93
L0001206	539384.0	4215738.0	0.07
L0001206	539404.0	4215738.0	0.66
L0001206	539364.0	4215758.0	0.37
L0001206	539384.0	4215758.0	-17.43
L0001206	539404.0	4215758.0	-16.08
L0001206	539384.0	4215778.0	-15.44
L0001206	539404.0	4215778.0	-14.26
L0001207	539404.0	4215718.0	-5.47
L0001207	539424.0	4215718.0	-2.33
L0001207	539384.0	4215738.0	-3.81
L0001207	539404.0	4215738.0	-22.98
L0001207	539424.0	4215738.0	-15.39
L0001207	539384.0	4215758.0	0.56
L0001207	539404.0	4215758.0	-12.75
L0001207	539424.0	4215758.0	-8.51
L0001208	539404.0	4215698.0	-0.43

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001208	539424.0	4215698.0	-10.86
L0001208	539444.0	4215698.0	-4.34
L0001208	539404.0	4215718.0	-7.27
L0001208	539424.0	4215718.0	-27.09
L0001208	539444.0	4215718.0	-12.66
L0001208	539404.0	4215738.0	0.97
L0001208	539424.0	4215738.0	-8.76
L0001208	539444.0	4215738.0	-2.74
L0001209	539424.0	4215678.0	-5.94
L0001209	539444.0	4215678.0	-15.90
L0001209	539464.0	4215678.0	-5.12
L0001209	539424.0	4215698.0	-9.62
L0001209	539444.0	4215698.0	-24.05
L0001209	539464.0	4215698.0	-8.65
L0001209	539444.0	4215718.0	-4.07
L0001210	539464.0	4215638.0	-0.53
L0001210	539444.0	4215658.0	-11.27
L0001210	539464.0	4215658.0	-20.05
L0001210	539484.0	4215658.0	-4.55
L0001210	539444.0	4215678.0	-10.46
L0001210	539464.0	4215678.0	-18.60
L0001210	539484.0	4215678.0	-3.95
L0001211	539464.0	4215618.0	-2.33
L0001211	539484.0	4215618.0	-4.66
L0001211	539464.0	4215638.0	-16.20
L0001211	539484.0	4215638.0	-21.81
L0001211	539504.0	4215638.0	-2.73
L0001211	539464.0	4215658.0	-9.61
L0001211	539484.0	4215658.0	-12.90
L0001212	539484.0	4215598.0	-8.12
L0001212	539504.0	4215598.0	-8.01
L0001212	539464.0	4215618.0	-0.11
L0001212	539484.0	4215618.0	-20.10
L0001212	539504.0	4215618.0	-19.86
L0001212	539524.0	4215618.0	0.13
L0001212	539484.0	4215638.0	-7.24
L0001212	539504.0	4215638.0	-7.14
L0001213	539484.0	4215578.0	0.45
L0001213	539504.0	4215578.0	-13.89
L0001213	539524.0	4215578.0	-10.19

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)

SOURCE ID	RECEPTOR LOCATION XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001213	539484.0	4215598.0	-2.78
L0001213	539504.0	4215598.0	-21.44
L0001213	539524.0	4215598.0	-15.64
L0001213	539504.0	4215618.0	-3.78
L0001213	539524.0	4215618.0	-1.36
L0001214	539524.0	4215538.0	0.01
L0001214	539504.0	4215558.0	-4.56
L0001214	539524.0	4215558.0	-19.60
L0001214	539544.0	4215558.0	-10.78
L0001214	539504.0	4215578.0	-4.40
L0001214	539524.0	4215578.0	-19.21
L0001214	539544.0	4215578.0	-10.57
L0001214	539524.0	4215598.0	0.41
L0001215	539504.0	4215538.0	-15.96
L0001215	539524.0	4215538.0	-15.16
L0001215	539484.0	4215558.0	0.95
L0001215	539504.0	4215558.0	-16.54
L0001215	539524.0	4215558.0	-15.70
L0001216	539464.0	4215518.0	-1.80
L0001216	539484.0	4215518.0	-16.20
L0001216	539504.0	4215518.0	-10.35
L0001216	539464.0	4215538.0	-3.87
L0001216	539484.0	4215538.0	-21.17
L0001216	539504.0	4215538.0	-13.46
L0001216	539484.0	4215558.0	-2.32
L0001217	539444.0	4215498.0	-4.14
L0001217	539464.0	4215498.0	-13.72
L0001217	539484.0	4215498.0	-4.28
L0001217	539444.0	4215518.0	-9.56
L0001217	539464.0	4215518.0	-26.26
L0001217	539484.0	4215518.0	-9.73
L0001217	539464.0	4215538.0	-6.26
L0001217	539484.0	4215538.0	0.99
L0001218	539424.0	4215478.0	-5.14
L0001218	539444.0	4215478.0	-9.56
L0001218	539424.0	4215498.0	-14.98
L0001218	539444.0	4215498.0	-25.00
L0001218	539464.0	4215498.0	-5.00
L0001218	539424.0	4215518.0	-4.84
L0001218	539444.0	4215518.0	-9.19

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	RECEPTOR LOCATION XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001219	539404.0	4215458.0	0.09
L0001219	539384.0	4215478.0	-1.33
L0001219	539404.0	4215478.0	-18.33
L0001219	539424.0	4215478.0	-14.17
L0001219	539384.0	4215498.0	-0.79
L0001219	539404.0	4215498.0	-17.06
L0001219	539424.0	4215498.0	-13.21
L0001219	539384.7	4215486.6	-3.51
L0001219	539391.5	4215490.9	-10.00
L0001255	539384.0	4215498.0	-8.51
L0001255	539384.7	4215486.6	-3.42

L0001255	539391.5	4215490.9	-5.52
L0001256	539384.0	4215498.0	-3.35
L0001256	539384.0	4215518.0	-0.75
L0001256	539385.0	4215509.3	-8.44
L0001257	539384.0	4215518.0	-6.49
L0001257	539385.0	4215509.3	-1.10
L0001257	539378.5	4215527.8	-2.62
L0001258	539384.0	4215538.0	0.60
L0001258	539378.5	4215527.8	-7.56
L0001259	539364.0	4215538.0	-5.18
L0001259	539372.0	4215546.2	-6.93
L0001260	539364.0	4215558.0	-6.45
L0001260	539372.0	4215546.2	-3.48
L0001260	539365.5	4215564.6	-0.28
L0001261	539364.0	4215558.0	-5.72
L0001261	539365.5	4215564.6	-8.89
L0001262	539364.0	4215578.0	-5.91
L0001262	539359.0	4215583.0	-4.86
L0001263	539344.0	4215558.0	0.55
L0001263	539344.0	4215578.0	-2.86
L0001263	539342.7	4215571.9	-5.91
L0001264	539344.0	4215558.0	-5.01
L0001264	539342.7	4215571.9	-2.27
L0001264	539326.4	4215560.8	0.27
L0001265	539324.0	4215558.0	-6.94
L0001265	539326.4	4215560.8	-6.61
L0001266	539324.0	4215538.0	-0.33
L0001266	539324.0	4215558.0	-1.51
L0001266	539310.1	4215549.7	-3.41

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001267	539304.0	4215538.0	-6.13
L0001267	539310.1	4215549.7	-4.03
L0001268	539304.0	4215538.0	-6.06
L0001268	539293.8	4215538.6	-5.65
L0001269	539284.0	4215518.0	-1.49
L0001269	539284.0	4215538.0	-0.51
L0001269	539293.8	4215538.6	-0.10
L0001269	539277.3	4215527.8	-0.48
L0001270	539284.0	4215518.0	-6.73
L0001270	539277.3	4215527.8	-4.57
L0001271	539284.0	4215518.0	-6.49
L0001271	539279.4	4215503.6	-2.45
L0001271	539270.1	4215510.3	-1.03
L0001272	539284.0	4215498.0	-1.74
L0001272	539279.4	4215503.6	-0.63
L0001272	539292.2	4215495.5	-1.63
L0001273	539304.0	4215498.0	-8.75
L0001273	539292.2	4215495.5	-2.24
L0001273	539305.6	4215491.4	-2.60
L0001274	539304.0	4215498.0	-3.31
L0001274	539324.0	4215498.0	-0.54
L0001274	539319.0	4215487.2	-1.58
L0001274	539305.6	4215491.4	-3.95
L0001275	539324.0	4215498.0	-5.70

L0001275	539319.0	4215487.2	-5.54
L0001276	539344.0	4215498.0	-1.17
L0001276	539337.1	4215482.8	-4.68
L0001277	539344.0	4215478.0	-0.21
L0001277	539344.0	4215498.0	-2.40
L0001277	539337.1	4215482.8	0.66
L0001277	539356.1	4215482.0	-1.54
L0001278	539364.0	4215478.0	-0.80
L0001278	539364.0	4215498.0	-2.35
L0001278	539356.1	4215482.0	-4.12
L0001278	539369.9	4215483.0	-1.10
L0001279	539364.0	4215498.0	0.07
L0001279	539369.9	4215483.0	-5.35
L0001279	539384.7	4215486.6	0.15
L0001280	539384.0	4215498.0	-5.48
L0001280	539384.7	4215486.6	-2.68

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001281	539364.0	4215498.0	0.76
L0001281	539384.0	4215498.0	-0.20
L0001281	539385.0	4215509.3	-1.10
L0001282	539364.0	4215518.0	-5.56
L0001283	539364.0	4215518.0	-1.46
L0001283	539364.0	4215538.0	-2.31
L0001283	539378.5	4215527.8	-0.19
L0001284	539364.0	4215538.0	-9.70
L0001284	539372.0	4215546.2	-0.80
L0001285	539364.0	4215558.0	-3.55
L0001286	539344.0	4215558.0	-0.74
L0001286	539364.0	4215558.0	-1.34
L0001286	539365.5	4215564.6	-0.94
L0001287	539344.0	4215558.0	-11.32
L0001288	539324.0	4215558.0	0.76
L0001288	539344.0	4215558.0	-0.35
L0001288	539326.4	4215560.8	0.89
L0001289	539324.0	4215538.0	-6.34
L0001290	539304.0	4215538.0	-1.59
L0001290	539324.0	4215538.0	-2.68
L0001291	539304.0	4215518.0	-0.12
L0001291	539304.0	4215538.0	-4.24
L0001292	539284.0	4215518.0	-0.56
L0001292	539304.0	4215518.0	-1.29
L0001293	539284.0	4215518.0	-9.00
L0001294	539304.0	4215518.0	-2.34
L0001295	539304.0	4215498.0	-3.90
L0001296	539324.0	4215498.0	-6.20
L0001297	539324.0	4215498.0	-3.65
L0001297	539344.0	4215498.0	-0.19
L0001298	539344.0	4215498.0	-11.99
L0001299	539344.0	4215498.0	0.16
L0001299	539364.0	4215498.0	-4.40
L0001300	539364.0	4215498.0	-9.02
L0001301	539364.0	4215498.0	-1.31
L0001301	539364.0	4215518.0	-3.04
L0001302	539364.0	4215518.0	-7.38

L0001303	539364.0	4215538.0	-2.56
L0001304	539344.0	4215538.0	-1.68
L0001304	539364.0	4215538.0	0.48

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001305	539344.0	4215538.0	-2.31
L0001305	539344.0	4215558.0	-1.53
L0001306	539324.0	4215538.0	0.33
L0001306	539344.0	4215538.0	-3.88
L0001307	539324.0	4215538.0	-7.80
L0001308	539324.0	4215518.0	0.21
L0001309	539304.0	4215518.0	-9.05
L0001310	539304.0	4215518.0	-4.90
L0001311	539324.0	4215498.0	-1.64
L0001311	539324.0	4215518.0	-1.71
L0001312	539324.0	4215498.0	-1.35
L0001313	539344.0	4215498.0	-7.14
L0001314	539344.0	4215498.0	0.63
L0001314	539364.0	4215498.0	-3.99
L0001315	539364.0	4215518.0	-0.34
L0001316	539344.0	4215518.0	-4.46
L0001317	539344.0	4215538.0	-6.79
L0001318	539344.0	4215538.0	-7.88
L0001319	539324.0	4215538.0	-1.77
L0001319	539344.0	4215538.0	-0.16
L0001320	539324.0	4215518.0	-5.95
L0001321	539324.0	4215518.0	-10.53
L0001322	539324.0	4215518.0	0.90
L0001322	539344.0	4215518.0	-0.68
L0001323	539344.0	4215498.0	0.82
L0001323	539344.0	4215518.0	-4.28
L0001324	539344.0	4215518.0	-7.88
L0001325	539344.0	4215518.0	-1.12

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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

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

1.54,   3.09,   5.14,   8.23, 10.80,

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

Surface file: NOVATO - OPERATIONAL - DEC 2024.SFC   Met Version: 18081
Profile file: NOVATO - OPERATIONAL - DEC 2024.PFL
Surface format: FREE

Profile format: FREE

Surface station no.:   72040   Upper air station no.:   23230
Name: UNKNOWN   Name: OAKLAND/WSO_AP
Year: 2013   Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	275.1	2.0
13	01	01	1	02	-5.0	0.090	-9.000	-9.000	-999.	65.	13.4	0.03	1.38	1.00	1.50	178.	10.0	276.1	2.0
13	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	276.1	2.0
13	01	01	1	04	-8.1	0.111	-9.000	-9.000	-999.	89.	15.6	0.01	1.38	1.00	2.10	23.	10.0	276.1	2.0
13	01	01	1	05	-11.1	0.137	-9.000	-9.000	-999.	122.	21.3	0.04	1.38	1.00	2.10	93.	10.0	276.1	2.0
13	01	01	1	06	-15.6	0.162	-9.000	-9.000	-999.	156.	28.8	0.03	1.38	1.00	2.60	192.	10.0	276.1	2.0
13	01	01	1	07	-12.7	0.140	-9.000	-9.000	-999.	126.	21.7	0.01	1.38	1.00	2.60	345.	10.0	274.1	2.0
13	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	273.1	2.0
13	01	01	1	09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	0.40	0.00	0.	10.0	275.1	2.0
13	01	01	1	10	47.4	-9.000	-9.000	-9.000	123.	-999.	-99999.0	0.02	1.38	0.27	0.00	0.	10.0	279.1	2.0
13	01	01	1	11	90.7	0.161	0.901	0.005	295.	155.	-4.2	0.01	1.38	0.22	2.10	74.	10.0	281.1	2.0
13	01	01	1	12	115.7	0.364	1.360	0.008	796.	527.	-38.1	0.01	1.38	0.21	5.70	46.	10.0	283.1	2.0
13	01	01	1	13	120.9	0.398	1.443	0.008	908.	602.	-47.6	0.04	1.38	0.20	5.10	93.	10.0	285.1	2.0
13	01	01	1	14	105.4	0.230	1.394	0.007	940.	286.	-10.6	0.04	1.38	0.21	2.60	129.	10.0	285.1	2.0
13	01	01	1	15	71.0	0.323	1.231	0.006	961.	441.	-43.5	0.01	1.38	0.24	5.10	72.	10.0	286.1	2.0

```
 13 01 01   1 16   20.1  0.172  0.811  0.006  967.  188.    -23.2  0.04   1.38   0.33    2.10  114.   10.0  286.1
2.0
 13 01 01   1 17   -9.2  0.130 -9.000 -9.000 -999.  112.     21.6  0.03   1.38   0.56    2.10  231.   10.0  282.1
2.0
 13 01 01   1 18  -15.5  0.162 -9.000 -9.000 -999.  156.     28.9  0.03   1.38   1.00    2.60  247.   10.0  281.1
2.0
 13 01 01   1 19  -10.0  0.129 -9.000 -9.000 -999.  111.     19.4  0.03   1.38   1.00    2.10  214.   10.0  279.1
2.0
 13 01 01   1 20  -20.2  0.195 -9.000 -9.000 -999.  207.     41.9  0.03   1.38   1.00    3.10  187.   10.0  277.1
2.0
 13 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  275.1
2.0
 13 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1 -999.  -99.00   275.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

  PAGE 228
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):     L0001255    , L0001256    , L0001257    , L0001258    ,
L0001259    ,
                L0001260    , L0001261    , L0001262    , L0001263    , L0001264    , L0001265    , L0001266    ,
L0001267    ,
                L0001268    , L0001269    , L0001270    , L0001271    , L0001272    , L0001273    , L0001274    ,
L0001275    ,
                L0001276    , L0001277    , L0001278    , L0001279    , L0001280    , L0001281    , L0001282    ,
. . .       ,

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

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       9.30593      9.99057     10.57704     11.23411     11.67805     12.01249     12.77776
13.31741     13.56880
  4215938.00 |       9.16272      9.75694     10.43357     11.12038     11.83654     12.37927     12.72823
13.60139     14.22253
  4215918.00 |       8.73625      9.51939     10.22256     10.89352     11.70285     12.48256     13.14273
13.56889     14.51402
  4215898.00 |       8.06571      8.97408      9.87416     10.70191     11.40239     12.31721     13.17377
13.97685     14.50522
  4215878.00 |       7.42079      8.20339      9.19131     10.21887     11.18613     12.03370     12.96899
13.92083     14.89185
  4215858.00 |       6.90077      7.63603      8.42986      9.39874     10.54560     11.67366     12.69463
13.65566     14.76308
  4215838.00 |       6.68573      7.07465      7.82946      8.68391      9.63794     10.84741     12.15876
13.37992     14.42392
  4215818.00 |       6.67870      7.06081      7.49420      7.99069      8.95317      9.97463     11.14315
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12.62792     14.08095
  4215798.00 |       6.73240      7.08009      7.46209      7.95210      8.46462      9.18702     10.32913
11.58352     13.06321
  4215778.00 |       6.88288      7.13714      7.51760      7.93609      8.41812      9.02944      9.68241
10.66298     12.03015
  4215758.00 |       7.04115      7.38241      7.72540      8.04522      8.45808      8.96159      9.60434
10.34590     11.17953
  4215738.00 |       7.16859      7.49926      7.87047      8.29657      8.72886      9.13769      9.60842
10.21205     11.07120
  4215718.00 |       7.82183      7.92229      8.08991      8.39773      8.84307      9.38106      9.93633
10.46989     11.02278
  4215698.00 |       8.43317      8.65385      8.89466      9.14072      9.33975      9.48187     10.02746
10.68588     11.42276
  4215678.00 |       8.69323      9.03381      9.38361      9.79294     10.19749     10.58920     10.93394
11.22012     11.59269
  4215658.00 |       9.11393      9.42533      9.76914     10.16391     10.62267     11.15020     11.76037
12.34529     12.88602
  4215638.00 |       9.15106      9.40704      9.86042     10.41712     11.07226     11.75103     12.44727
13.10212     13.74587
  4215618.00 |       9.03279      9.31180      9.64825      9.97739     10.75503     11.59509     12.49880
13.41989     14.31953
  4215598.00 |       8.52902      8.96357      9.33496      9.62603     10.31441     11.07193     11.90661
12.69439     13.66983
  4215578.00 |       8.23565      8.58968      8.96371      9.15526      9.74577     10.40171     11.13304
11.94971     12.72241
  4215558.00 |       8.20175      8.56479      8.90890      9.27465      9.83648     10.45541     11.13936
11.66179     12.26117
  4215538.00 |       7.81215      8.12901      8.46671      8.82679      9.35904      9.94547     10.59436
11.34515     11.79551
  4215518.00 |       7.12259      7.41123      7.71979      8.08457      8.51808      9.03319      9.60295
10.19317     10.80363
  4215498.00 |       6.17103      6.42719      6.71976      7.01554      7.37955      7.77779      8.24114
8.69878      9.20405
  4215478.00 |       5.06056      5.27803      5.60142      5.95383      6.37356      6.81119      7.31636
7.87518      8.46004
  4215458.00 |       5.30343      5.62148      5.94936      6.30821      6.76165      7.28774      7.86413
8.55950      9.37127
  4215438.00 |       6.01468      6.38233      6.77065      7.22622      7.75551      8.29578      8.91018
9.57426     10.38534
  4215418.00 |       6.68098      7.06832      7.47623      7.93223      8.38357      8.85314      9.33800
9.87925     10.55709
  4215398.00 |       7.05922      7.38650      7.72171      8.08984      8.47314      8.85803      9.27586
9.69087     10.18417
  4215378.00 |       7.06816      7.34158      7.63550      7.90325      8.16069      8.40187      8.65265
8.87800      9.14554
  4215358.00 |       6.79986      6.99953      7.17092      7.32566      7.45853      7.58946      7.87538
8.35023      8.93452
  4215338.00 |       6.27612      6.38989      6.47112      6.75450      7.14869      7.50788      7.87721
9.01155     11.05687
  4215318.00 |       5.89495      6.21677      6.49800      6.79746      7.11365      8.15708      9.83673
11.81293     14.09837
  4215298.00 |       5.96881      6.20502      6.46597      7.41492      8.83413     10.49292     12.38570
14.44183     16.52687
  4215278.00 |       5.96563      6.77311      7.98395      9.38224     10.98116     12.72134     14.52138
16.62267     19.14534
  4215258.00 |       7.25412      8.45265      9.80999     11.27664     12.82277     14.41222     16.66332
18.73802     20.41415
  4215238.00 |       8.82675     10.10301     11.43022     12.74093     14.56797     16.44766     18.08655
19.28699     20.11362
  4215218.00 |      10.25821     11.43055     12.82591     14.51621     16.04082     17.25721     18.11081
18.76341     20.23557
  4215198.00 |      11.35337     12.90120     14.32167     15.50255     16.36586     16.93984     17.87732
19.21476     20.40982
  4215178.00 |      12.83346     13.99397     14.88603     15.45612     15.80484     17.02452     18.26093
19.14520     19.47433
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                 ***
  16:58:04
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*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	13.56079	14.19540	14.57507	15.22748	16.27559	17.34836	17.95209	18.04797	17.61364
4215138.00	13.45743	13.67108	14.64055	15.65670	16.48035	16.90522	16.81992	16.24553	15.20191
4215118.00	13.18520	14.07150	15.02434	15.65554	15.89166	15.70538	15.04981	13.99675	12.84180
4215098.00	13.61258	14.38861	14.85536	14.95517	14.67155	13.97654	12.92915	11.90491	11.02652
4215078.00	13.75741	14.08438	14.07252	13.71384	12.99521	11.97504	11.06830	10.23584	10.86655
4215058.00	13.34555	13.24285	12.81841	12.09741	11.10988	10.31359	9.52493	10.23501	10.86961
4215038.00	12.46454	12.00039	11.27537	10.32405	9.62261	8.93286	9.67132	10.29412	10.62049
4215018.00	11.24327	10.52192	9.63338	8.98908	8.40590	9.15078	9.75904	10.10598	10.15284
4214998.00	9.82878	9.03039	8.40743	7.92386	8.66937	9.26119	9.62237	9.71483	10.30685
4214978.00	8.47262	7.87266	7.49497	8.21543	8.79759	9.16790	9.29749	9.67521	10.85752

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

(METERS)	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	13.65775	14.11424	14.57159	15.35689	15.75895	16.56459	18.17752	19.70338	20.20855
4215938.00	14.51311	14.66170	15.20137	15.72058	16.57490	17.04525	18.10059	20.02041	21.23897
4215918.00	15.23034	15.56930	15.78623	16.42379	17.00253	17.92472	18.45719	19.79393	21.96430
4215898.00	15.52950	16.35948	16.75358	17.05068	17.80087	18.43448	19.41197	20.04074	22.08988
4215878.00	15.54485	16.66325	17.62695	18.09046	18.48215	19.35910	20.17629	21.05245	22.16797
4215858.00	15.89411	16.70175	17.93115	19.06010	19.60845	20.22214	21.10903	22.14376	22.90227
4215838.00	15.71428	16.99180	17.98866	19.35961	20.69030	21.34316	22.22925	23.09841	24.38419
4215818.00	15.36650	16.73353	18.19272	19.43008	20.97788	22.55684	23.34871	24.55366	25.49082
4215798.00	14.78290	16.36047	17.82340	19.51156	21.06486	22.82238	24.72079	25.71470	27.25697
4215778.00	13.56430	15.46823	17.39514	19.05289	20.97821	22.92727	24.95619	27.24044	28.50802
4215758.00	12.51334	14.23484	16.12639	18.46376	20.57211	22.72301	25.05254	27.42395	30.19710
4215738.00	12.00129	13.06856	14.87537	17.06921	19.55309	22.21148	24.65533	27.46833	30.30351
4215718.00	11.80760	12.92734	14.16107	15.55485	18.09137	20.77339	23.95330	26.85460	30.23354
4215698.00	12.13522	12.80318	13.86637	15.32859	16.98461	19.04579	22.38047	25.77587	29.58914
4215678.00	12.29491	13.27906	14.25023	15.15089	16.57512	18.54599	20.75858	23.97178	28.18011
4215658.00	13.40369	13.84084	14.63157	15.75362	16.98255	18.26136	20.20064	22.96412	25.98586
4215638.00	14.48035	15.33745	16.17946	16.93970	17.77147	19.29931	20.95579	22.53181	25.23607
4215618.00	15.35335	16.44512	17.55978	18.67133	19.80005	21.07246	22.28119	24.09771	26.65953
4215598.00	14.91837	16.32732	17.87480	19.54527	21.32677	23.20602	25.13483	27.06579	28.97472
4215578.00	13.56221	14.67614	16.27518	18.19283	20.37081	22.83132	25.58807	28.65893	32.03428
4215558.00	12.85756	13.68400	14.85936	16.29572	17.98446	19.95177	22.32089	25.75046	29.83579
4215538.00	12.22784	12.85838	13.77568	14.96264	16.41457	18.22314	20.38033	22.96819	26.10976
4215518.00	11.14131	11.74974	12.40035	13.30800	14.54471	15.99412	17.68170	19.68641	22.09537
4215498.00	9.62595	10.11904	10.73034	11.45477	12.43465	13.63539	15.01293	16.65000	18.68079
4215478.00	9.14569	9.72316	10.50397	11.42671	12.67273	14.12516	16.13934	18.57824	21.46557
4215458.00	10.28379	11.31185	12.24416	13.27032	14.43795	15.82514	17.66790	19.70816	21.94010
4215438.00	11.27437	12.19259	13.23998	14.02730	14.74272	15.57705	16.79543	18.00428	19.47771
4215418.00	11.30037	12.07867	12.82472	13.43962	13.63741	14.00541	15.57726	19.91894	26.38654
4215398.00	10.67267	11.14527	11.48779	11.92325	13.49748	16.66057	21.47572	27.11321	34.38384
4215378.00	9.56903	10.32112	11.68772	14.52296	18.24914	22.49164	27.57882	33.88983	39.67705
4215358.00	10.13737	12.64409	15.61421	19.01928	22.63109	27.46726	32.31650	36.28315	39.36604
4215338.00	13.49320	16.28431	19.24867	22.80821	26.85626	30.31400	33.11214	35.78535	38.87106

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  4215318.00 |      16.55736     19.18165     22.68120     25.83187     28.23689     30.03001     32.65414
35.14453     36.25168
  4215298.00 |      19.31200     22.16287     24.52982     26.26549     27.78394     29.98333     31.91418
32.33780     30.96250
  4215278.00 |      21.36505     23.02638     24.25605     26.02648     27.99784     29.18669     29.04773
27.42925     24.58878
  4215258.00 |      21.58921     22.61663     24.33514     26.05410     26.79272     26.25460     24.54804
22.09700     20.97020
  4215238.00 |      21.42362     23.04785     24.28419     24.62249     23.85584     22.07404     20.01786
19.23060     20.89615
  4215218.00 |      21.74086     22.62277     22.65451     21.73338     19.96678     18.25179     17.78183
18.95715     20.63301
  4215198.00 |      21.00030     20.83507     19.84780     18.12428     16.69456     16.44265     17.25675
18.91148     21.20311
  4215178.00 |      19.13674     18.14386     16.50354     15.31323     15.30182     16.06641     17.36414
18.71851     23.47745
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 231
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                              INCLUDING SOURCE(S):     L0001255    , L0001256    , L0001257    , L0001258    ,
L0001259    ,
                L0001260    , L0001261    , L0001262    , L0001263    , L0001264    , L0001265    , L0001266    ,
L0001267    ,
                L0001268    , L0001269    , L0001270    , L0001271    , L0001272    , L0001273    , L0001274    ,
L0001275    ,
                L0001276    , L0001277    , L0001278    , L0001279    , L0001280    , L0001281    , L0001282    ,
. . .       ,

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

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |      16.59232     15.10765     14.08030     14.27550     15.04866     15.97358     17.06935
20.53424     25.12439
  4215138.00 |      13.90089     12.93819     13.31643     14.04072     14.68847     15.84800     18.08392
22.45981     25.75990
  4215118.00 |      11.92665     12.37437     13.13354     13.51076     14.68384     16.29335     19.91845
23.55019     25.46720
  4215098.00 |      11.55858     12.28326     12.56047     13.55781     14.95375     17.72082     21.36023
23.80735     24.57932
  4215078.00 |      11.51635     11.81650     12.54365     13.75889     15.77902     19.20858     22.04949
23.31798     23.05284
  4215058.00 |      11.16748     11.62957     12.62161     14.27294     17.16750     20.21524     22.01920
22.35728     22.19832
  4215038.00 |      10.86625     11.71352     13.20798     15.36279     18.32302     20.50347     21.32912
20.94331     21.68543
  4215018.00 |      10.98588     12.36044     13.87043     16.55685     18.91845     20.17280     20.23480
20.12892     21.00378
  4214998.00 |      11.59132     12.76276     14.98882     17.41457     18.99071     19.44380     19.13290
19.61288     20.03946
  4214978.00 |      12.06332     13.59515     15.96280     17.78091     18.55458     18.35346     18.35688
19.01803     19.01920
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	20.58059	21.61158	22.16576	22.72639	21.63322	21.95245	22.63305	23.42130	23.89614
4215938.00	21.59778	22.31282	23.53908	24.12925	23.71895	23.33462	24.02244	24.64135	25.48754
4215918.00	22.87729	23.35537	24.62327	25.30745	25.75906	24.70524	25.38065	26.06813	27.26342
4215898.00	23.98120	24.75336	25.55706	26.97181	27.66322	26.70878	26.67857	27.84866	29.10657
4215878.00	24.58318	26.09896	26.77485	28.36709	29.29238	29.42383	28.50650	29.71817	30.99554
4215858.00	24.51108	27.23758	28.62902	29.60988	31.25913	32.02072	30.71918	31.77904	33.04721
4215838.00	25.19128	27.61467	30.00602	31.25296	33.10425	34.33724	33.92185	33.73963	35.15086
4215818.00	26.92894	27.96655	31.13261	33.47782	34.80645	36.77592	37.55044	36.21934	38.02192
4215798.00	28.27208	29.84356	31.44404	34.97878	37.09730	39.28860	40.89441	39.64547	41.18442
4215778.00	30.42970	31.66821	33.17426	35.82797	39.65584	41.65104	44.09196	44.71908	44.41763
4215758.00	31.81314	34.19576	35.79282	37.00221	41.20342	44.91810	47.57281	49.62849	48.20033
4215738.00	33.70791	35.77827	38.69498	40.71603	42.22798	47.65871	50.90350	54.08330	54.34694
4215718.00	33.69745	37.93462	40.88924	44.15997	46.65733	49.05720	55.44836	59.05059	61.78210
4215698.00	33.42558	37.87023	43.07895	47.27220	51.22450	53.91992	58.29987	64.18192	69.05181
4215678.00	32.64529	37.26560	42.99071	49.46551	55.31332	60.14217	62.92207	70.20651	75.92313
4215658.00	30.92100	36.23683	41.90816	49.31762	57.51332	65.63098	71.73239	75.14018	84.60612
4215638.00	29.27139	33.87605	41.14148	47.97111	57.28369	68.00400	79.27568	87.27330	93.63322
4215618.00	29.28730	32.80915	39.05468	46.76020	56.40541	67.70996	82.60776	97.77662	104.97879
4215598.00	31.22224	35.16890	39.70799	45.69392	55.25801	67.78540	82.01333	103.73620	116.14776
4215578.00	35.68435	39.53596	43.46174	48.72575	56.97220	68.22423	83.83419	102.90611	121.73813
4215558.00	34.70728	40.49704	47.32481	55.24382	64.14545	73.82054	88.04910	107.16992	124.93093
4215538.00	29.98987	34.87629	41.66348	50.92045	63.03949	79.44620	98.39331	116.29183	130.34136

```
  4215518.00 |      25.04730     28.78292     33.62727     39.93745     48.89156     61.64583     80.54793
110.48614    135.75756
  4215498.00 |      21.69436     25.85922     31.25840     38.28469     47.57154     60.57531     79.58576
113.85801    135.16757
  4215478.00 |      24.87194     28.94138     33.75701     39.40784     47.50680     70.00578    100.95781
116.66724    131.74161
  4215458.00 |      24.26984     26.72090     31.62785     45.73596     66.54857     87.37542     99.94661
112.26540    120.61975
  4215438.00 |      24.42604     33.41390     45.92392     60.72636     73.97663     84.86107     91.51130
99.86208    106.41966
  4215418.00 |      34.23689     44.49706     54.33619     62.30391     70.01084     74.60757     78.77018
87.04236     96.69759
  4215398.00 |      42.12831     48.46762     53.13662     58.42653     61.41167     62.33465     67.40550
78.44614     91.49669
  4215378.00 |      43.77692     47.28760     50.60383     51.66886     50.35656     52.80640     63.77764
74.37630     83.60018
  4215358.00 |      43.25100     45.19636     45.08949     41.79596     42.23516     52.18171     60.27541
69.43738     73.52260
  4215338.00 |      40.94195     40.16032     36.53180     35.00682     43.13855     50.20050     57.75427
64.40142     65.69432
  4215318.00 |      35.18058     31.91105     30.37142     36.06981     42.44537     49.11653     54.89312
57.96797     57.93856
  4215298.00 |      27.90152     26.63714     30.84239     36.60573     43.07817     46.93169     51.67155
52.41482     52.61979
  4215278.00 |      23.31604     26.38858     31.73508     38.78171     42.48202     45.30764     47.20194
47.19466     48.00354
  4215258.00 |      23.29287     27.19489     33.40847     38.91112     40.76176     43.25160     42.82045
42.48429     43.56513
  4215238.00 |      23.35757     28.65832     34.47850     37.43153     39.91260     40.56187     39.33089
39.13625     40.05421
  4215218.00 |      24.59012     30.42208     34.00074     34.81825     38.20451     37.44634     35.77640
35.78696     36.65016
  4215198.00 |      26.76155     30.81657     32.44272     34.47883     35.71905     34.64493     33.22885
33.53756     34.06224
  4215178.00 |      27.89905     30.18014     30.42461     33.12960     33.03412     32.03007     31.35271
31.63899     32.06635
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 233
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                              INCLUDING SOURCE(S):     L0001255    , L0001256    , L0001257    , L0001258    ,
L0001259    ,
               L0001260    , L0001261    , L0001262    , L0001263    , L0001264    , L0001265    , L0001266    ,
L0001267    ,
               L0001268    , L0001269    , L0001270    , L0001271    , L0001272    , L0001273    , L0001274    ,
L0001275    ,
               L0001276    , L0001277    , L0001278    , L0001279    , L0001280    , L0001281    , L0001282    ,
. . .      ,

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

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |      27.92668     28.57538     30.11745     31.10140     30.72022     29.17766     30.04995
29.78674     30.21657
  4215138.00 |      27.12957     27.07117     29.08883     28.99835     28.24392     27.97945     28.63005
28.18012     28.36295
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	25.63720	26.47399	25.13256	22.77915	22.56991	22.99397	22.44012	21.54472	22.61244
4215938.00	26.91775	28.15743	26.82222	24.26023	24.06634	24.45106	23.67192	22.74679	24.35928
4215918.00	28.27934	30.00726	28.69647	25.91877	25.70936	26.06073	25.20881	24.61330	26.37068
4215898.00	29.88637	32.01494	30.77268	27.76482	27.54711	27.82068	26.98716	26.98990	28.51634
4215878.00	31.74556	34.18301	33.09406	29.90373	29.61284	29.80741	28.93216	29.55391	30.63067
4215858.00	33.97398	36.57121	35.68724	32.32701	32.02512	31.98446	31.01989	32.25622	32.91906
4215838.00	36.68084	39.16919	38.63621	35.07308	34.83536	34.37334	33.37569	35.36463	35.11816
4215818.00	39.87498	42.01312	42.07019	38.24539	38.05151	37.25617	36.74983	38.65805	37.05394
4215798.00	43.26489	45.15144	46.01404	41.94284	41.73510	40.95361	41.00023	42.15315	40.23645
4215778.00	47.04891	48.80144	50.63942	46.26951	45.98725	45.17510	45.71512	45.75337	45.20408
4215758.00	50.97322	53.26255	55.99072	51.38870	50.94150	49.97674	51.16319	48.99105	50.79823
4215738.00	56.00996	58.87479	62.21215	57.52225	56.80241	55.49255	57.05024	55.47234	55.63354

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  4215718.00 |      61.69823     65.92068     69.48533     64.98265     63.83171     62.86126     63.49327
63.79468     60.46307
  4215698.00 |      68.47965     73.82404     78.03626     74.22512     72.36626     72.42761     71.13058
71.37287     66.68332
  4215678.00 |      80.43879     82.25203     88.15275     85.94088     84.07148     84.08078     83.77091
78.92310     72.57953
  4215658.00 |      92.74515     93.67522    100.87943    101.31386     99.29246     97.87450     96.72541
88.98195     76.26962
  4215638.00 |     101.92318    108.36585    111.88846    114.23316    112.99019    112.04317    107.71853
96.21681     82.31603
  4215618.00 |     111.56710    119.51477    122.92739    126.95385    126.16998    123.96916    115.45997
102.72916     88.68653
  4215598.00 |     122.58948    129.79537    133.64094    137.52054    138.59782    132.97857    121.57697
108.54925     92.69169
  4215578.00 |     132.55556    139.16522    148.90378    145.80895    150.32292    138.11541    126.08313
110.22128     90.65582
  4215558.00 |     138.00062    155.99170    155.13260    143.81182    142.10255    140.38922    127.35323
111.70777     94.56840
  4215538.00 |     139.61361    141.59920    143.28111    141.39238    139.75528    141.50887    132.89032
118.31003    100.15374
  4215518.00 |     137.69718    141.03575    141.36519    139.78501    141.56441    144.89055    135.01080
118.45782     98.85080
  4215498.00 |     144.46802    143.90307    140.11846    140.46200    140.82286    139.71652    136.50998
121.03852    102.26888
  4215478.00 |     137.49946    141.37436    156.80695    148.60291    151.24139    146.54781    134.20672
115.63564     95.23269
  4215458.00 |     125.32192    133.88832    137.61309    138.48200    139.35633    136.77446    127.61763
111.78608     93.42585
  4215438.00 |     114.81830    125.10680    128.20728    130.15199    131.13129    129.18837    117.73770
102.19861     87.98432
  4215418.00 |     106.86162    115.24504    117.35173    120.39899    120.80668    120.80694    109.14801
98.14692     81.10170
  4215398.00 |      98.15905    103.08158    105.57873    110.71951    110.15407    111.73941    103.95578
91.07470     75.81983
  4215378.00 |      87.26308     91.00936     94.48113    100.73024     98.19744    101.22436     96.86455
84.26077     71.67588
  4215358.00 |      77.11024     79.72381     83.83359     88.63698     85.23336     87.56204     87.82196
77.51754     68.57696
  4215338.00 |      68.32873     70.15078     74.81728     78.70111     74.60655     77.07661     79.63015
72.84329     64.72399
  4215318.00 |      60.34602     62.40778     67.12885     70.49514     66.56724     68.89388     71.34340
67.21829     59.76076
  4215298.00 |      54.25506     55.97045     61.05603     63.60570     60.63150     61.61912     63.69396
62.54684     56.59690
  4215278.00 |      49.05859     51.72813     55.91594     57.74559     55.56592     55.19403     56.65799
58.04897     53.52367
  4215258.00 |      45.02967     47.82845     51.42199     52.70740     51.15257     49.48353     50.49372
53.36587     50.21915
  4215238.00 |      41.24253     44.28479     47.46586     48.30223     47.32756     44.74028     46.06741
48.62853     47.70377
  4215218.00 |      37.84623     41.06103     43.96286     44.48527     43.95400     40.84874     42.39972
44.17448     44.94377
  4215198.00 |      35.19067     38.17681     40.85182     41.12552     40.95626     37.66069     38.96126
40.31396     41.81862
  4215178.00 |      33.39957     35.75799     38.18637     38.16900     38.27554     34.91678     35.78198
36.62386     38.69836
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

  PAGE 235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):     L0001255    , L0001256    , L0001257    , L0001258    ,
L0001259    ,
                L0001260    , L0001261    , L0001262    , L0001263    , L0001264    , L0001265    , L0001266    ,
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L0001267   ,
                L0001268   , L0001269   , L0001270   , L0001271   , L0001272   , L0001273   , L0001274   ,
L0001275   ,
                L0001276   , L0001277   , L0001278   , L0001279   , L0001280   , L0001281   , L0001282   ,
. . .   ,

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

                                         ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 31.86748   33.60219   35.90390   35.59658   35.87575   32.44926   32.83217
33.53660   35.64660
  4215138.00 | 30.41414   31.41144   33.69503   33.28843   33.74586   30.64076   30.29690
31.14233   32.95842
  4215118.00 | 29.05907   29.83795   31.78030   31.26565   31.87167   29.23304   28.26045
29.08883   30.44792
  4215098.00 | 27.79699   28.34856   29.95246   29.44298   30.29832   28.06290   26.60379
27.12777   28.01464
  4215078.00 | 26.57205   27.15856   28.28268   27.71011   28.80606   27.17392   25.15876
25.28646   25.82083
  4215058.00 | 25.41783   26.08872   26.88799   26.21347   27.43420   26.13978   23.81027
23.60108   24.12815
  4215038.00 | 24.36527   25.32385   25.78343   25.03701   26.23985   24.99979   22.55576
22.11629   22.67447
  4215018.00 | 23.38624   24.51212   24.75920   23.86159   25.15704   24.15593   21.36748
21.10500   21.43034
  4214998.00 | 22.47140   23.56976   23.73805   22.97766   24.17255   23.14175   20.47425
20.24794   20.31242
  4214978.00 | 21.59718   22.68241   22.69386   22.06294   23.23747   22.18850   19.69366
19.40784   19.28569

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):   L0001255   , L0001256   , L0001257   , L0001258   ,
L0001259   ,
                L0001260   , L0001261   , L0001262   , L0001263   , L0001264   , L0001265   , L0001266   ,
L0001267   ,
                L0001268   , L0001269   , L0001270   , L0001271   , L0001272   , L0001273   , L0001274   ,
L0001275   ,
                L0001276   , L0001277   , L0001278   , L0001279   , L0001280   , L0001281   , L0001282   ,
. . .   ,

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

                                         ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215958.00 | 23.56500   23.19260   21.71748   22.91762   23.19090   22.11698   21.27619
20.72510   19.99642
  4215938.00 | 25.03314   24.09863   23.50502   24.69921   24.18357   23.08548   22.20241
21.60264   20.66128

4215918.00 | 26.67282 24.86689 25.86009 26.34865 25.11070 23.96821 23.39855
22.44212 20.75576
4215898.00 | 28.18351 26.83766 28.16886 27.63867 26.31640 25.26252 24.34222
22.89692 20.45860
4215878.00 | 29.46358 29.43047 30.29535 28.86815 27.36871 26.73846 25.30693
22.65375 20.65402
4215858.00 | 30.84982 32.45709 32.00858 30.40224 29.29615 27.92217 25.43025
22.87125 21.19706
4215838.00 | 33.96844 35.28815 33.63599 31.83635 30.79491 28.59397 25.40971
23.25243 22.13280
4215818.00 | 37.90478 37.59176 35.54810 34.33378 32.15111 28.51811 25.61774
24.33880 23.60349
4215798.00 | 41.78021 39.81910 37.97825 36.08324 32.26817 28.67125 26.96290
25.95617 24.27748
4215778.00 | 45.06007 42.29323 40.62066 37.02314 32.57663 30.06415 28.72778
26.75037 23.86746
4215758.00 | 48.28596 46.06179 42.54651 37.25432 33.77059 32.05693 29.66672
26.47541 25.56571
4215738.00 | 51.86732 48.95746 43.25827 38.21113 36.25301 33.15868 29.87604
28.61230 26.17759
4215718.00 | 56.93970 50.65249 44.09263 41.36413 37.40165 34.06945 32.18003
28.89216 25.98360
4215698.00 | 59.98443 51.65192 47.74169 42.54730 39.25174 36.32268 31.91784
29.38484 27.39946
4215678.00 | 62.03599 55.92064 49.23110 45.58401 41.19988 36.05512 33.32922
30.21686 26.51009
4215658.00 | 66.76382 58.43707 53.42548 46.91170 41.74594 37.62300 32.91144
27.92234 23.64787
4215638.00 | 70.89161 63.40106 54.02318 48.09949 42.00291 35.29893 29.26527
25.53618 23.31897
4215618.00 | 76.00021 64.83650 55.41183 46.16828 37.75584 32.71671 29.59423
27.76532 25.71215
4215598.00 | 77.38726 63.06414 51.08012 43.96236 39.78547 36.12018 32.44422
29.16822 26.18068
4215578.00 | 74.04538 62.69103 55.02164 47.90750 41.37822 36.10779 32.07091
28.43616 25.19971
4215558.00 | 78.95533 66.34673 55.78602 47.58312 40.67084 34.88006 30.02205
26.70096 24.28851
4215538.00 | 81.29619 67.54804 57.50532 49.62075 43.44755 38.49349 34.63876
31.40592 28.64797
4215518.00 | 83.02801 71.00859 60.85412 52.88002 46.48189 41.24567 36.90368
33.32608 30.32159
4215498.00 | 84.00441 68.25290 56.58070 48.47803 42.08857 36.94953 32.82234
29.68865 27.08622
4215478.00 | 77.01717 62.96203 53.44525 45.58220 39.10335 33.75523 29.34513
25.69542 23.29741
4215458.00 | 76.44648 65.07763 55.15355 46.19190 38.85755 32.66598 28.39230
24.99185 22.13611
4215438.00 | 73.27997 60.21951 52.86000 46.65068 41.45168 36.27755 31.80653
27.56220 23.74597
4215418.00 | 68.91086 60.25439 49.64891 43.38665 39.28991 35.47989 32.39779
29.18519 26.37622
4215398.00 | 64.62533 55.60760 50.31811 43.28643 36.79561 33.38428 30.60980
28.26710 26.07118
4215378.00 | 60.59063 53.04636 46.02425 42.61737 38.00753 32.86498 28.67319
26.64538 24.66823
4215358.00 | 57.77644 50.53880 44.52472 38.86040 36.51649 33.49559 29.54042
25.77510 23.20763
4215338.00 | 55.79904 47.43727 42.78748 38.04032 33.38088 31.60848 29.64327
26.55117 23.79839
4215318.00 | 54.34975 46.03964 41.02719 36.68167 32.95686 29.04158 27.61116
26.36815 24.12884
4215298.00 | 51.76531 44.93570 38.54569 35.88962 31.78759 28.88884 25.65210
24.32940 23.57717
4215278.00 | 48.46024 44.61869 38.35805 33.62931 31.59112 27.84763 25.59826
23.01573 21.59985
4215258.00 | 45.76738 42.74359 37.64455 32.62056 30.06881 27.98115 24.69684
22.88336 20.79538
4215238.00 | 43.75260 40.50848 37.53105 32.42989 28.25148 26.98005 24.93375

22.06457   20.61228
  4215218.00 | 41.39799   38.25143   36.08079   32.36108   28.24949   25.34804   24.41569
22.33893   19.87683
  4215198.00 | 39.58434   36.50755   34.53220   32.13865   27.92332   24.80315   23.14375
22.16119   20.11266
  4215178.00 | 38.04863   35.03303   32.76746   30.94915   28.19038   24.64681   22.02056
21.19208   20.17348

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):   L0001255   , L0001256   , L0001257   , L0001258   ,
L0001259   ,
                L0001260   , L0001261   , L0001262   , L0001263   , L0001264   , L0001265   , L0001266   ,
L0001267   ,
                L0001268   , L0001269   , L0001270   , L0001271   , L0001272   , L0001273   , L0001274   ,
L0001275   ,
                L0001276   , L0001277   , L0001278   , L0001279   , L0001280   , L0001281   , L0001282   ,
. . .   ,

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

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 36.21068   33.44500   31.08281   29.86919   27.89437   24.45373   21.89708
19.91096   19.44143
  4215138.00 | 34.04852   32.36522   29.99251   28.62175   26.92760   24.85339   21.78614
19.77786   18.48689
  4215118.00 | 31.71849   31.23570   28.64206   27.10722   26.24726   24.54059   21.89029
19.47362   17.82297
  4215098.00 | 29.42968   29.88769   27.79258   25.99140   25.30758   23.75725   22.11556
19.44598   17.79496
  4215078.00 | 27.43636   28.34556   27.08879   25.05994   24.10581   23.32671   21.78825
19.72752   17.54092
  4215058.00 | 25.68951   26.64905   26.24407   24.18574   22.76030   22.59263   21.19349
19.83078   17.45806
  4215038.00 | 23.95591   24.87698   25.22845   23.56101   22.10679   21.59539   20.89336
19.49588   17.87166
  4215018.00 | 22.28019   23.23190   24.05830   23.10365   21.22223   20.44600   20.31135
19.04523   17.89254
  4214998.00 | 20.72464   21.99215   22.78189   22.43511   20.82154   19.63917   19.47461
18.85948   17.58006
  4214978.00 | 19.63815   20.80373   21.44485   21.64269   20.37486   18.98291   18.55865
18.39531   17.26179

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):   L0001255   , L0001256   , L0001257   , L0001258   ,
L0001259   ,
                L0001260   , L0001261   , L0001262   , L0001263   , L0001264   , L0001265   , L0001266   ,

L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 ,
L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 ,
. . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	18.96765	17.05701	15.84195	14.93985	14.19359
4215938.00	18.79486	17.18171	16.01431	15.27976	14.96525
4215918.00	18.70767	17.34667	16.47009	15.99329	15.87778
4215898.00	18.86608	17.82210	17.14853	17.02100	16.19260
4215878.00	19.40064	18.58142	18.32398	17.38057	15.82840
4215858.00	20.23318	19.83553	18.75192	16.97308	15.80858
4215838.00	21.58412	20.34621	18.27672	17.10236	16.61745
4215818.00	22.17701	19.79702	18.75606	18.07980	16.86608
4215798.00	21.66210	20.70347	19.74095	18.21777	16.60240
4215778.00	22.95349	21.63195	19.68214	17.94986	17.21913
4215758.00	23.76734	21.32060	19.69730	19.01434	17.93876
4215738.00	23.40731	22.02836	20.91707	19.33888	17.48250
4215718.00	24.62929	22.87683	20.67088	18.26570	15.93021
4215698.00	24.77135	21.80709	18.80005	16.49054	14.54408
4215678.00	22.65798	19.55386	17.18661	15.59716	14.58472
4215658.00	20.67016	18.78751	17.44038	16.68325	15.97498
4215638.00	21.70129	20.59872	19.33764	18.21704	17.09321
4215618.00	23.64870	21.82698	20.01712	18.30627	16.80376
4215598.00	23.49634	21.38850	19.41751	17.63996	16.01639
4215578.00	22.35481	19.84417	17.65834	15.76668	14.13094
4215558.00	22.19825	20.40504	18.91708	17.66881	16.65540
4215538.00	26.28264	24.25514	22.48771	20.95137	19.58144
4215518.00	27.74062	25.50437	23.56784	21.89295	20.39637
4215498.00	24.91905	23.04874	21.41862	19.99831	18.73061
4215478.00	21.26723	19.50634	17.97975	16.75890	15.71968
4215458.00	19.68600	17.58053	15.78228	14.25472	13.21265
4215438.00	20.50694	18.06662	16.00083	14.20626	12.82938
4215418.00	23.52880	20.78414	18.30605	16.12833	14.14532
4215398.00	23.98776	22.15922	20.22520	18.26590	16.36408
4215378.00	23.16208	21.47464	20.08342	18.85728	17.51659
4215358.00	21.85121	20.46930	19.39727	18.09559	17.07142
4215338.00	20.68000	19.25955	18.29660	17.31534	16.52565
4215318.00	21.87354	19.48940	17.36073	16.33541	15.56613
4215298.00	21.95567	20.04363	18.24670	16.18227	14.81293
4215278.00	21.18312	20.01277	18.33868	17.00461	15.37374
4215258.00	19.42456	19.11679	18.28071	16.97651	15.79962
4215238.00	18.91102	17.64365	17.32695	16.74049	15.73634
4215218.00	18.69788	17.29307	16.14632	15.77306	15.37587
4215198.00	18.01990	17.06628	15.89202	14.84644	14.41413
4215178.00	18.23994	16.43734	15.65928	14.66804	13.72238

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP:
CON1HR ***
INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 ,
L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 ,
L0001267 ,

539341.84	4215468.70	141.39203	539351.84	4215468.70	143.24590
539361.84	4215468.70	144.32334	539371.84	4215468.70	142.15722
539381.84	4215468.70	140.28689	539113.88	4215517.52	26.69622
539096.52	4215515.99	23.57017	539108.26	4215501.18	22.37398
539096.01	4215500.67	20.52685	539108.26	4215486.38	24.55060
539094.47	4215485.36	22.11499	539135.32	4215461.36	29.13327
539150.13	4215439.91	49.15608	539114.39	4215452.68	24.39433
539123.07	4215439.40	32.10509	539159.32	4215421.02	60.84507
539145.02	4215416.43	54.95203	539134.30	4215410.81	51.21680
539131.75	4215425.11	45.53847	539206.80	4215383.75	54.66334
539215.99	4215372.52	59.28553	539188.93	4215382.22	52.57619
539176.17	4215379.67	51.47768	539165.44	4215376.09	50.71011
539248.79	4215356.71	71.09757	539243.45	4215348.45	67.07468
539265.58	4215345.25	68.64207	539260.78	4215338.05	65.55672
539256.25	4215351.38	70.56370	539272.77	4215331.92	63.97736
539264.78	4215324.99	60.34675	539280.77	4215321.79	61.81451
539279.97	4215307.14	56.64947	539287.97	4215313.80	59.30786
539297.83	4215304.74	57.59934	539289.56	4215296.21	54.12178
539311.15	4215287.68	55.41060	539303.69	4215281.28	52.29312
539303.69	4215296.21	55.47896	539314.25	4215271.79	52.06860
539329.09	4215260.48	52.62790	539339.69	4215237.16	47.67872
539357.36	4215232.92	47.05537	539394.11	4215199.70	38.35772
539044.99	4215579.21	25.80989	539034.39	4215591.93	24.57126
539054.88	4215556.59	23.74974	539058.42	4215538.92	22.33993
539054.88	4215520.55	19.10715	539082.44	4215477.44	21.28580
539073.96	4215466.13	20.88978	539098.70	4215440.69	21.78314
539109.30	4215426.56	32.40944	539117.07	4215415.96	41.80880
539125.55	4215401.11	48.86399	539158.77	4215367.19	47.19764
539150.29	4215357.30	43.92350	539184.21	4215339.63	43.24387
539222.37	4215324.79	55.03640	539243.58	4215317.72	57.89326

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	39.21125	539364.42	4215191.93	40.06364
539344.64	4215200.41	41.55377	539409.65	4215113.48	27.87715
539355.94	4215136.80	33.65131	539262.66	4215288.75	50.26953
539282.44	4215261.19	45.46577	539299.41	4215235.04	43.05634
538948.91	4216164.24	11.99089	539351.64	4215795.94	42.05551
539171.40	4215646.30	51.88767	539358.95	4215583.01	143.62279
539293.80	4215538.56	143.21277	539260.82	4215517.04	131.98735
539279.41	4215503.60	141.36300	539292.18	4215495.55	143.94561
539318.95	4215487.21	151.79634	539337.11	4215482.84	150.35207
539356.14	4215482.00	156.38371	539369.89	4215483.02	151.66041
539384.66	4215486.57	140.04498	539391.49	4215490.91	143.03467
539342.66	4215571.90	149.22320	539326.38	4215560.79	151.00088
539310.09	4215549.67	157.28410	539277.31	4215527.80	137.22791
539270.11	4215510.32	138.32642	539305.56	4215491.38	147.96301
539384.98	4215509.33	139.69396	539378.47	4215527.75	140.28571
539371.97	4215546.17	140.87387	539365.46	4215564.59	142.48424

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

(METERS)	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00182	0.00174	0.00166	0.00160	0.00154	0.00148	0.00142	0.00137	0.00133
4215938.00	0.00175	0.00164	0.00158	0.00152	0.00147	0.00142	0.00138	0.00132	0.00128
4215918.00	0.00166	0.00158	0.00150	0.00145	0.00140	0.00136	0.00133	0.00130	0.00124
4215898.00	0.00163	0.00151	0.00145	0.00139	0.00135	0.00131	0.00128	0.00125	0.00123
4215878.00	0.00155	0.00147	0.00139	0.00135	0.00130	0.00126	0.00123	0.00121	0.00119
4215858.00	0.00148	0.00142	0.00136	0.00130	0.00127	0.00124	0.00119	0.00117	0.00115
4215838.00	0.00143	0.00137	0.00134	0.00128	0.00123	0.00120	0.00115	0.00113	0.00112
4215818.00	0.00137	0.00133	0.00129	0.00127	0.00121	0.00116	0.00112	0.00110	0.00109
4215798.00	0.00132	0.00128	0.00127	0.00123	0.00119	0.00113	0.00111	0.00107	0.00106
4215778.00	0.00127	0.00124	0.00123	0.00119	0.00116	0.00114	0.00110	0.00106	0.00105
4215758.00	0.00122	0.00121	0.00119	0.00117	0.00113	0.00110	0.00109	0.00109	0.00108
4215738.00	0.00118	0.00117	0.00115	0.00113	0.00110	0.00108	0.00108	0.00108	0.00105
4215718.00	0.00114	0.00113	0.00112	0.00110	0.00107	0.00105	0.00104	0.00105	0.00104
4215698.00	0.00110	0.00109	0.00109	0.00107	0.00105	0.00103	0.00102	0.00103	0.00101
4215678.00	0.00106	0.00106	0.00106	0.00105	0.00102	0.00100	0.00099	0.00100	0.00099
4215658.00	0.00103	0.00103	0.00103	0.00102	0.00100	0.00097	0.00096	0.00097	0.00097
4215638.00	0.00100	0.00100	0.00100	0.00099	0.00097	0.00095	0.00094	0.00095	0.00095
4215618.00	0.00098	0.00097	0.00098	0.00097	0.00095	0.00093	0.00091	0.00092	0.00092
4215598.00	0.00095	0.00094	0.00095	0.00094	0.00093	0.00091	0.00089	0.00089	0.00090
4215578.00	0.00093	0.00092	0.00093	0.00092	0.00091	0.00089	0.00087	0.00087	0.00088
4215558.00	0.00091	0.00090	0.00090	0.00090	0.00089	0.00087	0.00084	0.00084	0.00085
4215538.00	0.00088	0.00088	0.00088	0.00088	0.00087	0.00085	0.00083	0.00082	0.00083
4215518.00	0.00086	0.00085	0.00086	0.00086	0.00085	0.00083	0.00081	0.00080	0.00081
4215498.00	0.00084	0.00083	0.00084	0.00084	0.00083	0.00081	0.00080	0.00078	0.00078
4215478.00	0.00083	0.00082	0.00082	0.00082	0.00082	0.00080	0.00078	0.00077	0.00076
4215458.00	0.00081	0.00080	0.00080	0.00081	0.00080	0.00078	0.00077	0.00075	0.00075
4215438.00	0.00079	0.00078	0.00079	0.00079	0.00078	0.00077	0.00075	0.00074	0.00073
4215418.00	0.00077	0.00076	0.00077	0.00077	0.00077	0.00076	0.00074	0.00073	0.00072
4215398.00	0.00076	0.00075	0.00076	0.00076	0.00075	0.00074	0.00073	0.00072	0.00070
4215378.00	0.00074	0.00073	0.00074	0.00074	0.00074	0.00073	0.00071	0.00070	0.00069
4215358.00	0.00073	0.00072	0.00073	0.00073	0.00073	0.00072	0.00070	0.00069	0.00068
4215338.00	0.00071	0.00071	0.00071	0.00071	0.00071	0.00070	0.00069	0.00068	0.00067

TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00128	0.00125	0.00121	0.00120	0.00119	0.00118	0.00115	0.00112	0.00107
4215938.00	0.00126	0.00121	0.00119	0.00119	0.00118	0.00117	0.00111	0.00108	0.00104
4215918.00	0.00121	0.00117	0.00115	0.00114	0.00114	0.00113	0.00109	0.00104	0.00101
4215898.00	0.00117	0.00116	0.00115	0.00114	0.00113	0.00112	0.00108	0.00104	0.00098
4215878.00	0.00117	0.00112	0.00111	0.00111	0.00109	0.00109	0.00108	0.00104	0.00098
4215858.00	0.00114	0.00109	0.00108	0.00107	0.00106	0.00105	0.00105	0.00101	0.00099
4215838.00	0.00110	0.00109	0.00108	0.00107	0.00105	0.00104	0.00101	0.00101	0.00096
4215818.00	0.00107	0.00106	0.00105	0.00104	0.00103	0.00102	0.00101	0.00098	0.00097
4215798.00	0.00104	0.00103	0.00102	0.00101	0.00100	0.00099	0.00098	0.00098	0.00094
4215778.00	0.00105	0.00104	0.00102	0.00099	0.00097	0.00097	0.00096	0.00095	0.00092
4215758.00	0.00105	0.00101	0.00100	0.00098	0.00095	0.00094	0.00093	0.00093	0.00092
4215738.00	0.00104	0.00101	0.00099	0.00096	0.00095	0.00092	0.00091	0.00091	0.00090
4215718.00	0.00102	0.00100	0.00097	0.00094	0.00092	0.00090	0.00089	0.00088	0.00088
4215698.00	0.00100	0.00098	0.00096	0.00093	0.00090	0.00088	0.00087	0.00086	0.00086
4215678.00	0.00098	0.00096	0.00094	0.00092	0.00090	0.00088	0.00087	0.00086	0.00086
4215658.00	0.00096	0.00094	0.00092	0.00090	0.00089	0.00087	0.00086	0.00086	0.00085
4215638.00	0.00094	0.00093	0.00091	0.00089	0.00087	0.00086	0.00085	0.00085	0.00083
4215618.00	0.00092	0.00091	0.00089	0.00087	0.00086	0.00084	0.00084	0.00083	0.00082
4215598.00	0.00090	0.00089	0.00088	0.00086	0.00084	0.00083	0.00082	0.00082	0.00081
4215578.00	0.00088	0.00087	0.00086	0.00084	0.00083	0.00082	0.00081	0.00081	0.00080
4215558.00	0.00086	0.00085	0.00085	0.00083	0.00081	0.00080	0.00080	0.00079	0.00079
4215538.00	0.00084	0.00084	0.00083	0.00082	0.00080	0.00079	0.00079	0.00078	0.00078
4215518.00	0.00082	0.00082	0.00081	0.00080	0.00078	0.00077	0.00077	0.00077	0.00076
4215498.00	0.00080	0.00080	0.00080	0.00079	0.00077	0.00076	0.00076	0.00076	0.00075
4215478.00	0.00078	0.00078	0.00078	0.00077	0.00076	0.00075	0.00074	0.00074	0.00074
4215458.00	0.00076	0.00077	0.00077	0.00076	0.00075	0.00073	0.00073	0.00073	0.00073
4215438.00	0.00074	0.00075	0.00075	0.00075	0.00074	0.00072	0.00071	0.00071	0.00071

  4215418.00 | 0.00072   0.00073   0.00074   0.00073   0.00072   0.00071   0.00070
0.00070   0.00070
  4215398.00 | 0.00070   0.00071   0.00072   0.00072   0.00071   0.00070   0.00069
0.00069   0.00069
  4215378.00 | 0.00069   0.00070   0.00071   0.00071   0.00070   0.00069   0.00068
0.00068   0.00068
  4215358.00 | 0.00068   0.00068   0.00069   0.00069   0.00069   0.00068   0.00067
0.00066   0.00067
  4215338.00 | 0.00066   0.00066   0.00067   0.00068   0.00068   0.00067   0.00066
0.00065   0.00065
  4215318.00 | 0.00065   0.00065   0.00066   0.00067   0.00067   0.00066   0.00065
0.00064   0.00064
  4215298.00 | 0.00064   0.00064   0.00064   0.00065   0.00065   0.00065   0.00064
0.00063   0.00063
  4215278.00 | 0.00063   0.00062   0.00063   0.00064   0.00064   0.00064   0.00063
0.00061   0.00062
  4215258.00 | 0.00062   0.00061   0.00061   0.00062   0.00063   0.00063   0.00062
0.00061   0.00060
  4215238.00 | 0.00061   0.00060   0.00060   0.00061   0.00062   0.00062   0.00061
0.00060   0.00059
  4215218.00 | 0.00060   0.00059   0.00059   0.00060   0.00060   0.00061   0.00060
0.00059   0.00058
  4215198.00 | 0.00059   0.00058   0.00058   0.00058   0.00059   0.00060   0.00059
0.00058   0.00057
  4215178.00 | 0.00059   0.00057   0.00057   0.00057   0.00058   0.00058   0.00058
0.00058   0.00056

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   ,

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

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
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  4215158.00 | 0.00058   0.00056   0.00056   0.00056   0.00057   0.00057   0.00057
0.00057   0.00056
  4215138.00 | 0.00057   0.00056   0.00055   0.00055   0.00055   0.00056   0.00056
0.00056   0.00055
  4215118.00 | 0.00056   0.00055   0.00054   0.00054   0.00054   0.00055   0.00055
0.00055   0.00054
  4215098.00 | 0.00055   0.00054   0.00053   0.00053   0.00053   0.00054   0.00054
0.00054   0.00053
  4215078.00 | 0.00055   0.00053   0.00052   0.00052   0.00052   0.00053   0.00053
0.00053   0.00053
  4215058.00 | 0.00054   0.00053   0.00051   0.00052   0.00051   0.00052   0.00052
0.00052   0.00052
  4215038.00 | 0.00053   0.00052   0.00051   0.00051   0.00051   0.00051   0.00051
0.00051   0.00051
  4215018.00 | 0.00053   0.00051   0.00050   0.00050   0.00050   0.00049   0.00050
0.00050   0.00050
  4214998.00 | 0.00052   0.00051   0.00049   0.00049   0.00049   0.00049   0.00049
0.00050   0.00049
  4214978.00 | 0.00052   0.00050   0.00049   0.00048   0.00048   0.00048   0.00048

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00101	0.00098	0.00094	0.00091	0.00085	0.00081	0.00079	0.00077	0.00074
4215938.00	0.00098	0.00095	0.00092	0.00088	0.00084	0.00079	0.00077	0.00075	0.00073
4215918.00	0.00096	0.00092	0.00090	0.00086	0.00083	0.00078	0.00074	0.00073	0.00071
4215898.00	0.00094	0.00089	0.00087	0.00084	0.00081	0.00077	0.00073	0.00071	0.00069
4215878.00	0.00091	0.00087	0.00085	0.00082	0.00080	0.00076	0.00072	0.00069	0.00067
4215858.00	0.00092	0.00085	0.00083	0.00081	0.00078	0.00075	0.00072	0.00068	0.00065
4215838.00	0.00093	0.00087	0.00081	0.00079	0.00076	0.00074	0.00071	0.00068	0.00063
4215818.00	0.00091	0.00087	0.00081	0.00077	0.00075	0.00073	0.00070	0.00067	0.00064
4215798.00	0.00091	0.00085	0.00080	0.00075	0.00074	0.00071	0.00069	0.00067	0.00063
4215778.00	0.00090	0.00086	0.00081	0.00075	0.00073	0.00072	0.00069	0.00066	0.00063
4215758.00	0.00088	0.00085	0.00079	0.00076	0.00073	0.00072	0.00070	0.00067	0.00062
4215738.00	0.00088	0.00083	0.00080	0.00075	0.00072	0.00070	0.00069	0.00066	0.00063
4215718.00	0.00086	0.00083	0.00079	0.00076	0.00073	0.00071	0.00070	0.00067	0.00063
4215698.00	0.00085	0.00082	0.00079	0.00075	0.00072	0.00070	0.00068	0.00067	0.00062
4215678.00	0.00084	0.00081	0.00078	0.00074	0.00071	0.00069	0.00068	0.00066	0.00062
4215658.00	0.00083	0.00080	0.00077	0.00074	0.00072	0.00068	0.00066	0.00065	0.00063
4215638.00	0.00082	0.00079	0.00076	0.00073	0.00071	0.00067	0.00065	0.00064	0.00062
4215618.00	0.00081	0.00079	0.00076	0.00072	0.00070	0.00067	0.00064	0.00063	0.00061
4215598.00	0.00080	0.00078	0.00075	0.00073	0.00069	0.00067	0.00065	0.00062	0.00061
4215578.00	0.00078	0.00077	0.00075	0.00072	0.00069	0.00066	0.00064	0.00061	0.00060
4215558.00	0.00077	0.00076	0.00074	0.00071	0.00069	0.00066	0.00063	0.00062	0.00061
4215538.00	0.00076	0.00075	0.00073	0.00071	0.00069	0.00066	0.00062	0.00061	0.00060

  4215518.00 | 0.00075   0.00074   0.00072   0.00070   0.00068   0.00066   0.00063
0.00060   0.00059
  4215498.00 | 0.00074   0.00073   0.00071   0.00069   0.00067   0.00065   0.00063
0.00061   0.00059
  4215478.00 | 0.00073   0.00072   0.00071   0.00069   0.00067   0.00065   0.00063
0.00060   0.00059
  4215458.00 | 0.00072   0.00071   0.00070   0.00068   0.00066   0.00064   0.00062
0.00060   0.00058
  4215438.00 | 0.00071   0.00070   0.00069   0.00067   0.00066   0.00064   0.00062
0.00060   0.00058
  4215418.00 | 0.00070   0.00069   0.00068   0.00067   0.00065   0.00063   0.00061
0.00060   0.00058
  4215398.00 | 0.00069   0.00068   0.00067   0.00066   0.00064   0.00063   0.00061
0.00059   0.00058
  4215378.00 | 0.00068   0.00067   0.00067   0.00065   0.00064   0.00062   0.00061
0.00059   0.00057
  4215358.00 | 0.00067   0.00066   0.00066   0.00065   0.00063   0.00062   0.00060
0.00058   0.00057
  4215338.00 | 0.00066   0.00065   0.00065   0.00064   0.00063   0.00061   0.00060
0.00058   0.00056
  4215318.00 | 0.00064   0.00064   0.00064   0.00063   0.00062   0.00060   0.00059
0.00057   0.00056
  4215298.00 | 0.00063   0.00063   0.00063   0.00062   0.00061   0.00060   0.00058
0.00057   0.00055
  4215278.00 | 0.00062   0.00062   0.00062   0.00062   0.00061   0.00059   0.00058
0.00056   0.00055
  4215258.00 | 0.00061   0.00061   0.00061   0.00061   0.00060   0.00059   0.00057
0.00056   0.00054
  4215238.00 | 0.00059   0.00060   0.00060   0.00060   0.00059   0.00058   0.00057
0.00055   0.00054
  4215218.00 | 0.00058   0.00059   0.00059   0.00059   0.00059   0.00058   0.00056
0.00055   0.00054
  4215198.00 | 0.00057   0.00058   0.00058   0.00058   0.00058   0.00057   0.00056
0.00055   0.00053
  4215178.00 | 0.00056   0.00057   0.00057   0.00057   0.00057   0.00056   0.00055
0.00054   0.00053

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   ,

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

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
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  4215158.00 | 0.00055   0.00056   0.00056   0.00056   0.00056   0.00056   0.00055
0.00054   0.00053
  4215138.00 | 0.00054   0.00054   0.00055   0.00055   0.00055   0.00055   0.00054
0.00053   0.00052
  4215118.00 | 0.00053   0.00053   0.00054   0.00054   0.00055   0.00054   0.00054
0.00053   0.00052
  4215098.00 | 0.00052   0.00052   0.00053   0.00053   0.00054   0.00054   0.00053
0.00052   0.00052
  4215078.00 | 0.00052   0.00051   0.00052   0.00052   0.00053   0.00053   0.00053

								0.00052	0.00051
4215058.00 |	0.00051	0.00050	0.00051	0.00051	0.00052	0.00052	0.00052	0.00052	0.00051
4215038.00 |	0.00050	0.00049	0.00050	0.00050	0.00051	0.00051	0.00051	0.00051	0.00050
4215018.00 |	0.00050	0.00049	0.00049	0.00049	0.00050	0.00050	0.00051	0.00050	0.00050
4214998.00 |	0.00049	0.00048	0.00048	0.00048	0.00049	0.00050	0.00050	0.00050	0.00049
4214978.00 |	0.00048	0.00047	0.00047	0.00047	0.00048	0.00049	0.00049	0.00049	0.00049

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS) 539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00 |	0.00072	0.00069	0.00066	0.00064	0.00062	0.00060	0.00057	0.00055	0.00054
4215938.00 |	0.00070	0.00068	0.00066	0.00063	0.00061	0.00059	0.00057	0.00055	0.00052
4215918.00 |	0.00069	0.00066	0.00065	0.00063	0.00060	0.00058	0.00056	0.00054	0.00052
4215898.00 |	0.00067	0.00065	0.00063	0.00062	0.00060	0.00058	0.00056	0.00054	0.00052
4215878.00 |	0.00066	0.00064	0.00062	0.00060	0.00059	0.00057	0.00055	0.00054	0.00052
4215858.00 |	0.00064	0.00063	0.00061	0.00059	0.00058	0.00056	0.00054	0.00053	0.00051
4215838.00 |	0.00062	0.00061	0.00060	0.00058	0.00056	0.00055	0.00054	0.00052	0.00051
4215818.00 |	0.00060	0.00059	0.00058	0.00057	0.00056	0.00054	0.00053	0.00051	0.00050
4215798.00 |	0.00060	0.00058	0.00057	0.00056	0.00055	0.00053	0.00051	0.00051	0.00049
4215778.00 |	0.00060	0.00057	0.00055	0.00054	0.00054	0.00052	0.00051	0.00049	0.00049
4215758.00 |	0.00060	0.00056	0.00054	0.00053	0.00052	0.00051	0.00050	0.00049	0.00047
4215738.00 |	0.00059	0.00057	0.00054	0.00052	0.00051	0.00050	0.00049	0.00048	0.00047
4215718.00 |	0.00060	0.00056	0.00054	0.00051	0.00049	0.00049	0.00048	0.00047	0.00046
4215698.00 |	0.00061	0.00058	0.00054	0.00051	0.00049	0.00047	0.00047	0.00046	0.00045
4215678.00 |	0.00060	0.00058	0.00055	0.00051	0.00049	0.00047	0.00046	0.00045	0.00044
4215658.00 |	0.00059	0.00057	0.00055	0.00052	0.00049	0.00047	0.00045	0.00044	0.00043
4215638.00 |	0.00060	0.00056	0.00055	0.00053	0.00050	0.00047	0.00045	0.00043	0.00042

  4215618.00 | 0.00059   0.00057   0.00055   0.00053   0.00050   0.00046   0.00045
0.00043   0.00041
  4215598.00 | 0.00059   0.00057   0.00055   0.00052   0.00050   0.00048   0.00045
0.00043   0.00041
  4215578.00 | 0.00058   0.00057   0.00054   0.00052   0.00050   0.00048   0.00046
0.00044   0.00043
  4215558.00 | 0.00059   0.00058   0.00055   0.00052   0.00050   0.00048   0.00046
0.00045   0.00044
  4215538.00 | 0.00059   0.00057   0.00055   0.00051   0.00045   0.00048   0.00047
0.00045   0.00044
  4215518.00 | 0.00058   0.00057   0.00052   0.00043   0.00038   0.00040   0.00046
0.00045   0.00044
  4215498.00 | 0.00058   0.00050   0.00047   0.00039   0.00034   0.00036   0.00045
0.00045   0.00044
  4215478.00 | 0.00058   0.00055   0.00041   0.00034   0.00031   0.00030   0.00041
0.00044   0.00043
  4215458.00 | 0.00057   0.00055   0.00053   0.00045   0.00038   0.00036   0.00040
0.00044   0.00043
  4215438.00 | 0.00056   0.00055   0.00053   0.00051   0.00046   0.00042   0.00041
0.00044   0.00042
  4215418.00 | 0.00056   0.00055   0.00053   0.00051   0.00050   0.00045   0.00043
0.00044   0.00042
  4215398.00 | 0.00056   0.00055   0.00053   0.00052   0.00050   0.00048   0.00045
0.00044   0.00043
  4215378.00 | 0.00056   0.00055   0.00053   0.00052   0.00050   0.00048   0.00046
0.00044   0.00043
  4215358.00 | 0.00056   0.00054   0.00053   0.00051   0.00050   0.00048   0.00046
0.00044   0.00043
  4215338.00 | 0.00055   0.00053   0.00053   0.00051   0.00050   0.00047   0.00046
0.00045   0.00043
  4215318.00 | 0.00055   0.00053   0.00052   0.00051   0.00050   0.00048   0.00047
0.00045   0.00044
  4215298.00 | 0.00054   0.00053   0.00052   0.00051   0.00050   0.00048   0.00047
0.00045   0.00044
  4215278.00 | 0.00053   0.00053   0.00051   0.00051   0.00050   0.00048   0.00047
0.00046   0.00044
  4215258.00 | 0.00053   0.00052   0.00051   0.00050   0.00049   0.00048   0.00047
0.00046   0.00045
  4215238.00 | 0.00053   0.00052   0.00051   0.00050   0.00049   0.00048   0.00047
0.00046   0.00045
  4215218.00 | 0.00052   0.00051   0.00051   0.00049   0.00049   0.00048   0.00047
0.00046   0.00045
  4215198.00 | 0.00052   0.00051   0.00050   0.00049   0.00048   0.00047   0.00047
0.00046   0.00044
  4215178.00 | 0.00052   0.00050   0.00050   0.00049   0.00048   0.00047   0.00046
0.00045   0.00044

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   ,

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

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.00052	0.00051	0.00049	0.00048	0.00046	0.00045	0.00044	0.00043	0.00042
4215938.00	0.00051	0.00050	0.00049	0.00047	0.00046	0.00044	0.00043	0.00042	0.00042
4215918.00	0.00050	0.00049	0.00048	0.00046	0.00045	0.00044	0.00043	0.00041	0.00041
4215898.00	0.00050	0.00048	0.00046	0.00045	0.00044	0.00043	0.00042	0.00041	0.00040
4215878.00	0.00050	0.00048	0.00046	0.00044	0.00043	0.00042	0.00041	0.00040	0.00039
4215858.00	0.00050	0.00048	0.00046	0.00044	0.00043	0.00041	0.00041	0.00040	0.00039
4215838.00	0.00049	0.00048	0.00046	0.00044	0.00042	0.00041	0.00040	0.00039	0.00038
4215818.00	0.00049	0.00048	0.00046	0.00044	0.00043	0.00041	0.00039	0.00038	0.00037
4215798.00	0.00048	0.00047	0.00046	0.00044	0.00043	0.00041	0.00039	0.00038	0.00037
4215778.00	0.00047	0.00046	0.00045	0.00044	0.00043	0.00042	0.00040	0.00038	0.00037
4215758.00	0.00047	0.00046	0.00044	0.00044	0.00043	0.00041	0.00040	0.00039	0.00037
4215738.00	0.00046	0.00045	0.00044	0.00043	0.00042	0.00041	0.00040	0.00039	0.00038
4215718.00	0.00046	0.00045	0.00044	0.00043	0.00042	0.00041	0.00040	0.00039	0.00038
4215698.00	0.00045	0.00044	0.00043	0.00042	0.00041	0.00040	0.00039	0.00038	0.00037
4215678.00	0.00045	0.00044	0.00043	0.00042	0.00041	0.00040	0.00039	0.00038	0.00037
4215658.00	0.00044	0.00043	0.00042	0.00041	0.00040	0.00039	0.00038	0.00037	0.00036
4215638.00	0.00044	0.00043	0.00042	0.00041	0.00040	0.00039	0.00038	0.00037	0.00036
4215618.00	0.00043	0.00042	0.00041	0.00040	0.00039	0.00038	0.00037	0.00036	0.00035
4215598.00	0.00043	0.00042	0.00041	0.00040	0.00039	0.00038	0.00037	0.00036	0.00035
4215578.00	0.00042	0.00041	0.00040	0.00039	0.00038	0.00037	0.00036	0.00035	0.00035
4215558.00	0.00042	0.00041	0.00040	0.00039	0.00038	0.00037	0.00036	0.00035	0.00034
4215538.00	0.00041	0.00040	0.00039	0.00038	0.00037	0.00036	0.00035	0.00035	0.00034
4215518.00	0.00041	0.00040	0.00039	0.00038	0.00037	0.00036	0.00035	0.00034	0.00033
4215498.00	0.00040	0.00039	0.00038	0.00037	0.00036	0.00035	0.00035	0.00034	0.00033
4215478.00	0.00040	0.00039	0.00038	0.00037	0.00036	0.00035	0.00034	0.00033	0.00033
4215458.00	0.00039	0.00038	0.00037	0.00036	0.00035	0.00035	0.00034	0.00033	0.00032
4215438.00	0.00039	0.00038	0.00037	0.00036	0.00035	0.00034	0.00033	0.00033	0.00032
4215418.00	0.00038	0.00037	0.00036	0.00035	0.00035	0.00034	0.00033	0.00032	0.00032
4215398.00	0.00038	0.00037	0.00036	0.00035	0.00034	0.00033	0.00033	0.00032	0.00031
4215378.00	0.00037	0.00036	0.00035	0.00035	0.00034	0.00033	0.00032	0.00032	0.00031
4215358.00	0.00037	0.00036	0.00035	0.00034	0.00033	0.00033	0.00032	0.00031	0.00031
4215338.00	0.00036	0.00035	0.00035	0.00034	0.00033	0.00032	0.00032	0.00031	0.00030
4215318.00	0.00036	0.00035	0.00034	0.00033	0.00033	0.00032	0.00031	0.00031	0.00030
4215298.00	0.00035	0.00035	0.00034	0.00033	0.00032	0.00032	0.00031	0.00030	0.00030
4215278.00	0.00035	0.00034	0.00033	0.00033	0.00032	0.00031	0.00031	0.00030	0.00029
4215258.00	0.00035	0.00034	0.00033	0.00032	0.00032	0.00031	0.00030	0.00030	0.00029
4215238.00	0.00034	0.00033	0.00033	0.00032	0.00031	0.00031	0.00030	0.00029	0.00029
4215218.00	0.00034	0.00033	0.00032	0.00032	0.00031	0.00030	0.00030	0.00029	0.00028
4215198.00	0.00033	0.00033	0.00032	0.00031	0.00031	0.00030	0.00029	0.00029	0.00028
4215178.00	0.00033	0.00032	0.00032	0.00031	0.00030	0.00030	0.00029	0.00028	0.00028
4215158.00	0.00033	0.00032	0.00031	0.00031	0.00030	0.00029	0.00029	0.00028	0.00027
4215138.00	0.00032	0.00032	0.00031	0.00030	0.00030	0.00029	0.00028	0.00028	0.00027
4215118.00	0.00032	0.00031	0.00031	0.00030	0.00029	0.00029	0.00028	0.00027	0.00027
4215098.00	0.00031	0.00031	0.00030	0.00030	0.00029	0.00028	0.00028	0.00027	0.00026
4215078.00	0.00031	0.00030	0.00030	0.00029	0.00028	0.00028	0.00027	0.00027	0.00026
4215058.00	0.00031	0.00030	0.00029	0.00029	0.00028	0.00028	0.00027	0.00026	0.00026
4215038.00	0.00030	0.00030	0.00029	0.00028	0.00028	0.00027	0.00027	0.00026	0.00025
4215018.00	0.00030	0.00029	0.00029	0.00028	0.00028	0.00027	0.00026	0.00026	0.00025
4214998.00	0.00029	0.00029	0.00028	0.00028	0.00027	0.00027	0.00026	0.00025	0.00025
4214978.00	0.00029	0.00028	0.00028	0.00027	0.00027	0.00026	0.00026	0.00025	0.00025

  4215718.00 | 0.00045   0.00044   0.00043   0.00042   0.00041   0.00041   0.00040
0.00039   0.00038
  4215698.00 | 0.00044   0.00043   0.00042   0.00041   0.00041   0.00040   0.00039
0.00038   0.00038
  4215678.00 | 0.00044   0.00043   0.00041   0.00041   0.00040   0.00039   0.00038
0.00038   0.00037
  4215658.00 | 0.00043   0.00042   0.00041   0.00040   0.00039   0.00039   0.00038
0.00037   0.00037
  4215638.00 | 0.00042   0.00041   0.00040   0.00039   0.00038   0.00038   0.00037
0.00036   0.00036
  4215618.00 | 0.00041   0.00040   0.00040   0.00039   0.00038   0.00037   0.00036
0.00036   0.00035
  4215598.00 | 0.00040   0.00039   0.00039   0.00038   0.00037   0.00037   0.00036
0.00035   0.00035
  4215578.00 | 0.00042   0.00039   0.00038   0.00037   0.00037   0.00036   0.00035
0.00034   0.00034
  4215558.00 | 0.00043   0.00040   0.00037   0.00036   0.00036   0.00036   0.00035
0.00034   0.00033
  4215538.00 | 0.00043   0.00041   0.00039   0.00036   0.00035   0.00035   0.00034
0.00034   0.00033
  4215518.00 | 0.00043   0.00041   0.00040   0.00036   0.00035   0.00034   0.00034
0.00033   0.00033
  4215498.00 | 0.00042   0.00041   0.00039   0.00037   0.00035   0.00034   0.00033
0.00033   0.00032
  4215478.00 | 0.00042   0.00041   0.00039   0.00038   0.00036   0.00034   0.00033
0.00032   0.00031
  4215458.00 | 0.00042   0.00040   0.00040   0.00038   0.00037   0.00035   0.00033
0.00032   0.00031
  4215438.00 | 0.00041   0.00040   0.00039   0.00039   0.00038   0.00036   0.00034
0.00032   0.00031
  4215418.00 | 0.00041   0.00040   0.00039   0.00038   0.00037   0.00036   0.00035
0.00032   0.00031
  4215398.00 | 0.00040   0.00039   0.00039   0.00038   0.00037   0.00035   0.00035
0.00033   0.00031
  4215378.00 | 0.00041   0.00039   0.00038   0.00037   0.00036   0.00036   0.00034
0.00034   0.00032
  4215358.00 | 0.00041   0.00040   0.00038   0.00037   0.00036   0.00035   0.00035
0.00033   0.00033
  4215338.00 | 0.00041   0.00040   0.00038   0.00036   0.00036   0.00035   0.00034
0.00034   0.00032
  4215318.00 | 0.00042   0.00040   0.00038   0.00036   0.00035   0.00035   0.00034
0.00034   0.00032
  4215298.00 | 0.00042   0.00040   0.00038   0.00037   0.00035   0.00034   0.00034
0.00033   0.00032
  4215278.00 | 0.00043   0.00040   0.00038   0.00037   0.00036   0.00034   0.00033
0.00033   0.00032
  4215258.00 | 0.00043   0.00041   0.00039   0.00037   0.00035   0.00034   0.00033
0.00032   0.00031
  4215238.00 | 0.00043   0.00041   0.00039   0.00038   0.00035   0.00034   0.00033
0.00032   0.00031
  4215218.00 | 0.00043   0.00042   0.00039   0.00038   0.00036   0.00034   0.00033
0.00032   0.00031
  4215198.00 | 0.00043   0.00042   0.00040   0.00038   0.00036   0.00035   0.00033
0.00032   0.00031
  4215178.00 | 0.00043   0.00042   0.00040   0.00039   0.00037   0.00035   0.00033
0.00032   0.00031

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	0.00043	0.00042	0.00040	0.00039	0.00037	0.00036	0.00034	0.00032	0.00031
4215138.00	0.00043	0.00042	0.00040	0.00039	0.00037	0.00036	0.00034	0.00032	0.00031
4215118.00	0.00043	0.00042	0.00040	0.00039	0.00037	0.00036	0.00034	0.00032	0.00031
4215098.00	0.00043	0.00042	0.00041	0.00039	0.00038	0.00036	0.00034	0.00032	0.00031
4215078.00	0.00043	0.00041	0.00040	0.00039	0.00038	0.00036	0.00034	0.00032	0.00031
4215058.00	0.00042	0.00041	0.00040	0.00039	0.00038	0.00036	0.00034	0.00032	0.00031
4215038.00	0.00042	0.00041	0.00040	0.00039	0.00038	0.00036	0.00035	0.00033	0.00031
4215018.00	0.00042	0.00041	0.00040	0.00039	0.00038	0.00037	0.00035	0.00033	0.00031
4214998.00	0.00042	0.00041	0.00040	0.00039	0.00038	0.00037	0.00035	0.00034	0.00032
4214978.00	0.00041	0.00041	0.00040	0.00039	0.00038	0.00037	0.00036	0.00034	0.00033

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.00041	0.00040	0.00038	0.00037	0.00036
4215938.00	0.00041	0.00040	0.00038	0.00037	0.00036
4215918.00	0.00040	0.00039	0.00038	0.00037	0.00036
4215898.00	0.00039	0.00038	0.00037	0.00037	0.00036
4215878.00	0.00038	0.00037	0.00037	0.00036	0.00035
4215858.00	0.00038	0.00037	0.00036	0.00035	0.00035
4215838.00	0.00037	0.00036	0.00036	0.00035	0.00034
4215818.00	0.00036	0.00036	0.00035	0.00034	0.00034
4215798.00	0.00036	0.00035	0.00034	0.00034	0.00033
4215778.00	0.00035	0.00035	0.00034	0.00033	0.00032
4215758.00	0.00036	0.00034	0.00033	0.00033	0.00032
4215738.00	0.00036	0.00035	0.00034	0.00032	0.00031
4215718.00	0.00037	0.00035	0.00034	0.00033	0.00032
4215698.00	0.00037	0.00035	0.00034	0.00033	0.00032
4215678.00	0.00036	0.00035	0.00034	0.00033	0.00032

4215658.00	0.00036	0.00035	0.00034	0.00033	0.00032
4215638.00	0.00035	0.00035	0.00034	0.00033	0.00033
4215618.00	0.00035	0.00034	0.00034	0.00033	0.00032
4215598.00	0.00034	0.00034	0.00033	0.00033	0.00032
4215578.00	0.00034	0.00033	0.00032	0.00032	0.00032
4215558.00	0.00033	0.00032	0.00032	0.00031	0.00031
4215538.00	0.00032	0.00032	0.00031	0.00031	0.00030
4215518.00	0.00032	0.00031	0.00031	0.00030	0.00030
4215498.00	0.00031	0.00031	0.00030	0.00030	0.00029
4215478.00	0.00031	0.00030	0.00030	0.00029	0.00029
4215458.00	0.00031	0.00030	0.00029	0.00029	0.00028
4215438.00	0.00030	0.00030	0.00029	0.00029	0.00028
4215418.00	0.00030	0.00029	0.00029	0.00028	0.00028
4215398.00	0.00030	0.00029	0.00029	0.00028	0.00027
4215378.00	0.00030	0.00029	0.00028	0.00028	0.00027
4215358.00	0.00031	0.00029	0.00028	0.00027	0.00027
4215338.00	0.00032	0.00030	0.00028	0.00027	0.00027
4215318.00	0.00031	0.00030	0.00028	0.00027	0.00026
4215298.00	0.00031	0.00030	0.00028	0.00027	0.00026
4215278.00	0.00031	0.00030	0.00028	0.00027	0.00027
4215258.00	0.00031	0.00030	0.00028	0.00027	0.00027
4215238.00	0.00030	0.00029	0.00028	0.00027	0.00027
4215218.00	0.00031	0.00030	0.00029	0.00027	0.00027
4215198.00	0.00030	0.00029	0.00029	0.00028	0.00027
4215178.00	0.00030	0.00029	0.00029	0.00028	0.00027

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	0.00030	0.00029	0.00029	0.00028	0.00027
4215138.00	0.00030	0.00029	0.00028	0.00028	0.00027
4215118.00	0.00030	0.00029	0.00028	0.00027	0.00027
4215098.00	0.00030	0.00029	0.00028	0.00027	0.00026
4215078.00	0.00030	0.00029	0.00028	0.00027	0.00027
4215058.00	0.00030	0.00029	0.00028	0.00027	0.00026
4215038.00	0.00030	0.00029	0.00028	0.00027	0.00026
4215018.00	0.00030	0.00029	0.00028	0.00027	0.00026
4214998.00	0.00031	0.00029	0.00028	0.00027	0.00026
4214978.00	0.00031	0.00030	0.00028	0.00027	0.00026

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 ,

L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00052	539351.84	4215428.70	0.00051
539361.84	4215428.70	0.00048	539371.84	4215428.70	0.00046
539381.84	4215428.70	0.00044	539341.84	4215438.70	0.00052
539351.84	4215438.70	0.00049	539361.84	4215438.70	0.00046
539371.84	4215438.70	0.00044	539381.84	4215438.70	0.00042
539341.84	4215448.70	0.00049	539351.84	4215448.70	0.00046
539361.84	4215448.70	0.00043	539371.84	4215448.70	0.00041
539381.84	4215448.70	0.00039	539341.84	4215458.70	0.00045
539351.84	4215458.70	0.00042	539361.84	4215458.70	0.00039
539371.84	4215458.70	0.00037	539381.84	4215458.70	0.00036
539341.84	4215468.70	0.00040	539351.84	4215468.70	0.00036
539361.84	4215468.70	0.00033	539371.84	4215468.70	0.00032
539381.84	4215468.70	0.00032	539113.88	4215517.52	0.00075
539096.52	4215515.99	0.00076	539108.26	4215501.18	0.00074
539096.01	4215500.67	0.00075	539108.26	4215486.38	0.00073
539094.47	4215485.36	0.00074	539135.32	4215461.36	0.00071
539150.13	4215439.91	0.00069	539114.39	4215452.68	0.00071
539123.07	4215439.40	0.00070	539159.32	4215421.02	0.00067
539145.02	4215416.43	0.00068	539134.30	4215410.81	0.00068
539131.75	4215425.11	0.00069	539206.80	4215383.75	0.00062
539215.99	4215372.52	0.00061	539188.93	4215382.22	0.00063
539176.17	4215379.67	0.00065	539165.44	4215376.09	0.00065
539248.79	4215356.71	0.00058	539243.45	4215348.45	0.00058
539265.58	4215345.25	0.00056	539260.78	4215338.05	0.00057
539256.25	4215351.38	0.00057	539272.77	4215331.92	0.00056
539264.78	4215324.99	0.00056	539280.77	4215321.79	0.00055
539279.97	4215307.14	0.00055	539287.97	4215313.80	0.00054
539297.83	4215304.74	0.00053	539289.56	4215296.21	0.00054
539311.15	4215287.68	0.00052	539303.69	4215281.28	0.00053
539303.69	4215296.21	0.00053	539314.25	4215271.79	0.00052

539329.09	4215260.48	0.00051	539339.69	4215237.16	0.00050
539357.36	4215232.92	0.00049	539394.11	4215199.70	0.00047
539044.99	4215579.21	0.00081	539034.39	4215591.93	0.00083
539054.88	4215556.59	0.00080	539058.42	4215538.92	0.00078
539054.88	4215520.55	0.00077	539082.44	4215477.44	0.00074
539073.96	4215466.13	0.00073	539098.70	4215440.69	0.00071
539109.30	4215426.56	0.00070	539117.07	4215415.96	0.00069
539125.55	4215401.11	0.00068	539158.77	4215367.19	0.00065
539150.29	4215357.30	0.00065	539184.21	4215339.63	0.00063
539222.37	4215324.79	0.00059	539243.58	4215317.72	0.00057

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00048	539364.42	4215191.93	0.00048
539344.64	4215200.41	0.00049	539409.65	4215113.48	0.00045
539355.94	4215136.80	0.00047	539262.66	4215288.75	0.00055
539282.44	4215261.19	0.00053	539299.41	4215235.04	0.00052
538948.91	4216164.24	0.00216	539351.64	4215795.94	0.00055
539171.40	4215646.30	0.00073	539358.95	4215583.01	0.00050
539293.80	4215538.56	0.00058	539260.82	4215517.04	0.00059
539279.41	4215503.60	0.00058	539292.18	4215495.55	0.00057
539318.95	4215487.21	0.00045	539337.11	4215482.84	0.00037
539356.14	4215482.00	0.00032	539369.89	4215483.02	0.00030
539384.66	4215486.57	0.00033	539391.49	4215490.91	0.00034
539342.66	4215571.90	0.00052	539326.38	4215560.79	0.00055
539310.09	4215549.67	0.00057	539277.31	4215527.80	0.00059
539270.11	4215510.32	0.00059	539305.56	4215491.38	0.00050

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                                INCLUDING SOURCE(S):   L0001115   , L0001116   , L0001117   , L0001118   ,
L0001119   ,
                L0001120   , L0001121   , L0001122   , L0001123   , L0001124   , L0001125   , L0001126   ,
L0001127   ,
                L0001128   , L0001129   , L0001130   , L0001131   , L0001132   , L0001133   , L0001134   ,
L0001135   ,
                L0001136   , L0001137   , L0001138   , L0001139   , L0001140   , L0001141   , L0001142   ,
. . .   ,

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

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215958.00 | 0.00090   0.00094   0.00099   0.00104   0.00110   0.00117   0.00123
0.00128   0.00129
  4215938.00 | 0.00090   0.00094   0.00098   0.00104   0.00110   0.00115   0.00121
0.00126   0.00129
  4215918.00 | 0.00090   0.00093   0.00097   0.00102   0.00107   0.00113   0.00117
0.00123   0.00129
  4215898.00 | 0.00089   0.00092   0.00097   0.00102   0.00106   0.00111   0.00115
0.00121   0.00127
  4215878.00 | 0.00089   0.00092   0.00096   0.00101   0.00105   0.00109   0.00114
0.00119   0.00124
  4215858.00 | 0.00088   0.00092   0.00095   0.00100   0.00104   0.00108   0.00112
0.00117   0.00122
  4215838.00 | 0.00088   0.00092   0.00095   0.00098   0.00102   0.00106   0.00110
0.00115   0.00120
  4215818.00 | 0.00088   0.00091   0.00095   0.00097   0.00100   0.00104   0.00109
0.00113   0.00118
  4215798.00 | 0.00087   0.00090   0.00094   0.00096   0.00099   0.00103   0.00107
0.00112   0.00116
  4215778.00 | 0.00086   0.00089   0.00092   0.00095   0.00098   0.00101   0.00105
0.00109   0.00113
  4215758.00 | 0.00085   0.00088   0.00091   0.00094   0.00097   0.00101   0.00104
0.00107   0.00111
  4215738.00 | 0.00085   0.00087   0.00090   0.00093   0.00096   0.00099   0.00103
0.00106   0.00109
  4215718.00 | 0.00084   0.00086   0.00088   0.00091   0.00094   0.00098   0.00101
0.00104   0.00107
  4215698.00 | 0.00082   0.00085   0.00087   0.00090   0.00093   0.00096   0.00099
0.00102   0.00105
  4215678.00 | 0.00082   0.00084   0.00087   0.00089   0.00092   0.00095   0.00097
0.00100   0.00103
  4215658.00 | 0.00081   0.00083   0.00086   0.00088   0.00091   0.00093   0.00096
0.00099   0.00102
  4215638.00 | 0.00080   0.00083   0.00085   0.00088   0.00090   0.00092   0.00094
0.00097   0.00100
  4215618.00 | 0.00080   0.00082   0.00084   0.00087   0.00089   0.00091   0.00093

0.00096   0.00099
  4215598.00 | 0.00079   0.00081   0.00084   0.00086   0.00088   0.00090   0.00092
0.00095   0.00098
  4215578.00 | 0.00079   0.00081   0.00083   0.00085   0.00087   0.00089   0.00091
0.00094   0.00097
  4215558.00 | 0.00078   0.00080   0.00082   0.00084   0.00086   0.00087   0.00090
0.00092   0.00095
  4215538.00 | 0.00077   0.00079   0.00081   0.00083   0.00085   0.00087   0.00089
0.00091   0.00094
  4215518.00 | 0.00077   0.00079   0.00080   0.00082   0.00084   0.00086   0.00088
0.00090   0.00093
  4215498.00 | 0.00076   0.00078   0.00079   0.00081   0.00083   0.00085   0.00087
0.00090   0.00092
  4215478.00 | 0.00076   0.00077   0.00079   0.00080   0.00082   0.00084   0.00086
0.00089   0.00091
  4215458.00 | 0.00075   0.00076   0.00078   0.00080   0.00081   0.00084   0.00086
0.00088   0.00090
  4215438.00 | 0.00074   0.00076   0.00077   0.00079   0.00081   0.00083   0.00085
0.00087   0.00089
  4215418.00 | 0.00074   0.00075   0.00076   0.00078   0.00080   0.00082   0.00084
0.00086   0.00088
  4215398.00 | 0.00073   0.00074   0.00075   0.00077   0.00079   0.00081   0.00083
0.00085   0.00087
  4215378.00 | 0.00072   0.00073   0.00075   0.00077   0.00078   0.00080   0.00082
0.00084   0.00086
  4215358.00 | 0.00071   0.00073   0.00074   0.00076   0.00078   0.00079   0.00082
0.00083   0.00085
  4215338.00 | 0.00071   0.00072   0.00074   0.00075   0.00077   0.00079   0.00081
0.00083   0.00085
  4215318.00 | 0.00070   0.00071   0.00073   0.00075   0.00076   0.00078   0.00080
0.00082   0.00084
  4215298.00 | 0.00070   0.00071   0.00072   0.00074   0.00075   0.00077   0.00079
0.00081   0.00083
  4215278.00 | 0.00069   0.00070   0.00072   0.00073   0.00075   0.00077   0.00079
0.00080   0.00084
  4215258.00 | 0.00068   0.00070   0.00071   0.00073   0.00075   0.00076   0.00079
0.00083   0.00087
  4215238.00 | 0.00068   0.00069   0.00071   0.00073   0.00075   0.00078   0.00082
0.00085   0.00090
  4215218.00 | 0.00067   0.00069   0.00072   0.00075   0.00078   0.00081   0.00084
0.00088   0.00092
  4215198.00 | 0.00068   0.00071   0.00073   0.00077   0.00080   0.00083   0.00086
0.00089   0.00093
  4215178.00 | 0.00070   0.00072   0.00075   0.00078   0.00081   0.00084   0.00087
0.00090   0.00095

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                              INCLUDING SOURCE(S):   L0001115   , L0001116   , L0001117   , L0001118   ,
L0001119   ,
               L0001120   , L0001121   , L0001122   , L0001123   , L0001124   , L0001125   , L0001126   ,
L0001127   ,
               L0001128   , L0001129   , L0001130   , L0001131   , L0001132   , L0001133   , L0001134   ,
L0001135   ,
               L0001136   , L0001137   , L0001138   , L0001139   , L0001140   , L0001141   , L0001142   ,
. . .   ,

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

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)

```
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215158.00 |       0.00071      0.00074      0.00077      0.00079      0.00082      0.00085      0.00088
0.00091      0.00095
  4215138.00 |       0.00072      0.00075      0.00077      0.00080      0.00083      0.00086      0.00089
0.00092      0.00095
  4215118.00 |       0.00073      0.00076      0.00078      0.00081      0.00084      0.00086      0.00089
0.00090      0.00092
  4215098.00 |       0.00074      0.00077      0.00079      0.00082      0.00084      0.00086      0.00087
0.00088      0.00089
  4215078.00 |       0.00075      0.00077      0.00079      0.00081      0.00083      0.00083      0.00084
0.00086      0.00086
  4215058.00 |       0.00075      0.00077      0.00079      0.00080      0.00081      0.00082      0.00082
0.00083      0.00083
  4215038.00 |       0.00075      0.00076      0.00077      0.00078      0.00079      0.00079      0.00079
0.00079      0.00080
  4215018.00 |       0.00074      0.00075      0.00076      0.00077      0.00077      0.00076      0.00076
0.00077      0.00076
  4214998.00 |       0.00073      0.00074      0.00074      0.00074      0.00073      0.00074      0.00074
0.00073      0.00075
  4214978.00 |       0.00072      0.00072      0.00071      0.00071      0.00071      0.00071      0.00070
0.00071      0.00074
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 258
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                INCLUDING SOURCE(S):     L0001115    , L0001116    , L0001117    , L0001118    ,
L0001119    ,
                L0001120    , L0001121    , L0001122    , L0001123    , L0001124    , L0001125    , L0001126    ,
L0001127    ,
                L0001128    , L0001129    , L0001130    , L0001131    , L0001132    , L0001133    , L0001134    ,
L0001135    ,
                L0001136    , L0001137    , L0001138    , L0001139    , L0001140    , L0001141    , L0001142    ,
. . .       ,

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

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215958.00 |       0.00133      0.00140      0.00148      0.00157      0.00169      0.00186      0.00206
0.00225      0.00245
  4215938.00 |       0.00131      0.00136      0.00144      0.00151      0.00164      0.00180      0.00198
0.00215      0.00234
  4215918.00 |       0.00130      0.00132      0.00139      0.00147      0.00160      0.00175      0.00190
0.00207      0.00223
  4215898.00 |       0.00132      0.00129      0.00136      0.00145      0.00159      0.00171      0.00183
0.00198      0.00214
  4215878.00 |       0.00130      0.00135      0.00143      0.00151      0.00165      0.00179      0.00178
0.00191      0.00206
  4215858.00 |       0.00126      0.00132      0.00139      0.00148      0.00161      0.00175      0.00177
0.00184      0.00197
  4215838.00 |       0.00125      0.00130      0.00136      0.00145      0.00158      0.00170      0.00180
0.00178      0.00190
  4215818.00 |       0.00122      0.00127      0.00132      0.00141      0.00153      0.00165      0.00177
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0.00183      0.00183
  4215798.00 |       0.00120      0.00125      0.00129      0.00139      0.00150      0.00161      0.00172
0.00180      0.00185
  4215778.00 |       0.00117      0.00122      0.00127      0.00136      0.00147      0.00158      0.00168
0.00174      0.00182
  4215758.00 |       0.00115      0.00119      0.00125      0.00134      0.00145      0.00155      0.00164
0.00173      0.00177
  4215738.00 |       0.00112      0.00117      0.00123      0.00132      0.00142      0.00152      0.00160
0.00169      0.00177
  4215718.00 |       0.00111      0.00115      0.00121      0.00130      0.00140      0.00149      0.00157
0.00165      0.00173
  4215698.00 |       0.00108      0.00113      0.00119      0.00128      0.00137      0.00146      0.00153
0.00161      0.00169
  4215678.00 |       0.00107      0.00111      0.00117      0.00126      0.00134      0.00143      0.00150
0.00157      0.00165
  4215658.00 |       0.00105      0.00109      0.00115      0.00123      0.00132      0.00139      0.00146
0.00153      0.00160
  4215638.00 |       0.00104      0.00108      0.00114      0.00122      0.00129      0.00137      0.00143
0.00150      0.00156
  4215618.00 |       0.00103      0.00106      0.00112      0.00120      0.00127      0.00134      0.00140
0.00146      0.00152
  4215598.00 |       0.00101      0.00105      0.00111      0.00118      0.00125      0.00131      0.00137
0.00143      0.00148
  4215578.00 |       0.00100      0.00103      0.00110      0.00117      0.00123      0.00129      0.00134
0.00140      0.00145
  4215558.00 |       0.00098      0.00102      0.00109      0.00115      0.00121      0.00127      0.00132
0.00137      0.00142
  4215538.00 |       0.00097      0.00101      0.00107      0.00114      0.00119      0.00125      0.00130
0.00135      0.00140
  4215518.00 |       0.00096      0.00100      0.00106      0.00112      0.00118      0.00123      0.00127
0.00132      0.00137
  4215498.00 |       0.00095      0.00099      0.00105      0.00110      0.00116      0.00121      0.00125
0.00130      0.00134
  4215478.00 |       0.00094      0.00098      0.00104      0.00109      0.00114      0.00119      0.00123
0.00128      0.00132
  4215458.00 |       0.00093      0.00097      0.00102      0.00108      0.00112      0.00117      0.00121
0.00126      0.00130
  4215438.00 |       0.00092      0.00096      0.00101      0.00106      0.00111      0.00115      0.00119
0.00123      0.00128
  4215418.00 |       0.00091      0.00095      0.00100      0.00105      0.00109      0.00113      0.00117
0.00121      0.00125
  4215398.00 |       0.00090      0.00094      0.00099      0.00104      0.00108      0.00112      0.00116
0.00119      0.00123
  4215378.00 |       0.00089      0.00094      0.00098      0.00102      0.00106      0.00110      0.00114
0.00117      0.00123
  4215358.00 |       0.00088      0.00093      0.00097      0.00101      0.00105      0.00109      0.00114
0.00121      0.00129
  4215338.00 |       0.00087      0.00092      0.00096      0.00100      0.00105      0.00112      0.00119
0.00127      0.00136
  4215318.00 |       0.00087      0.00091      0.00095      0.00102      0.00109      0.00117      0.00125
0.00133      0.00142
  4215298.00 |       0.00086      0.00092      0.00099      0.00106      0.00114      0.00121      0.00129
0.00136      0.00143
  4215278.00 |       0.00089      0.00096      0.00103      0.00110      0.00117      0.00124      0.00130
0.00138      0.00146
  4215258.00 |       0.00093      0.00099      0.00106      0.00113      0.00119      0.00126      0.00133
0.00139      0.00144
  4215238.00 |       0.00096      0.00102      0.00108      0.00114      0.00121      0.00127      0.00132
0.00135      0.00137
  4215218.00 |       0.00097      0.00103      0.00110      0.00116      0.00121      0.00125      0.00128
0.00128      0.00127
  4215198.00 |       0.00099      0.00105      0.00110      0.00115      0.00118      0.00120      0.00120
0.00120      0.00119
  4215178.00 |       0.00100      0.00105      0.00109      0.00112      0.00113      0.00114      0.00114
0.00113      0.00112
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                 ***
  16:58:04
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*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215158.00	0.00100	0.00103	0.00105	0.00106	0.00108	0.00108	0.00107	0.00107	0.00107
4215138.00	0.00097	0.00099	0.00101	0.00102	0.00102	0.00102	0.00102	0.00102	0.00105
4215118.00	0.00093	0.00095	0.00097	0.00097	0.00098	0.00098	0.00097	0.00100	0.00106
4215098.00	0.00090	0.00091	0.00092	0.00093	0.00093	0.00094	0.00096	0.00102	0.00109
4215078.00	0.00086	0.00088	0.00089	0.00089	0.00090	0.00093	0.00097	0.00103	0.00111
4215058.00	0.00084	0.00085	0.00085	0.00087	0.00090	0.00093	0.00099	0.00106	0.00113
4215038.00	0.00080	0.00081	0.00084	0.00087	0.00089	0.00095	0.00101	0.00108	0.00115
4215018.00	0.00078	0.00081	0.00083	0.00086	0.00091	0.00096	0.00103	0.00110	0.00117
4214998.00	0.00077	0.00080	0.00083	0.00087	0.00092	0.00098	0.00105	0.00111	0.00117
4214978.00	0.00077	0.00080	0.00083	0.00088	0.00094	0.00100	0.00106	0.00112	0.00117

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

(METERS)	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00268	0.00294	0.00330	0.00384	0.00474	0.00594	0.00790	0.01034	0.00909
4215938.00	0.00254	0.00277	0.00307	0.00351	0.00420	0.00517	0.00650	0.00902	0.00993
4215918.00	0.00242	0.00262	0.00288	0.00323	0.00376	0.00456	0.00560	0.00722	0.00849
4215898.00	0.00231	0.00249	0.00271	0.00301	0.00343	0.00408	0.00493	0.00606	0.00803
4215878.00	0.00221	0.00237	0.00257	0.00282	0.00318	0.00369	0.00440	0.00530	0.00665
4215858.00	0.00212	0.00227	0.00244	0.00266	0.00296	0.00337	0.00397	0.00471	0.00569
4215838.00	0.00203	0.00217	0.00233	0.00253	0.00279	0.00313	0.00361	0.00424	0.00503
4215818.00	0.00196	0.00209	0.00223	0.00241	0.00263	0.00292	0.00330	0.00385	0.00451
4215798.00	0.00188	0.00201	0.00214	0.00230	0.00249	0.00274	0.00306	0.00352	0.00409
4215778.00	0.00183	0.00193	0.00206	0.00220	0.00237	0.00259	0.00287	0.00324	0.00374
4215758.00	0.00183	0.00186	0.00198	0.00211	0.00226	0.00246	0.00269	0.00300	0.00344
4215738.00	0.00178	0.00181	0.00191	0.00202	0.00216	0.00234	0.00254	0.00281	0.00318
4215718.00	0.00181	0.00177	0.00187	0.00195	0.00208	0.00223	0.00242	0.00266	0.00296
4215698.00	0.00176	0.00182	0.00182	0.00193	0.00201	0.00216	0.00231	0.00251	0.00277
4215678.00	0.00172	0.00178	0.00183	0.00188	0.00198	0.00211	0.00222	0.00239	0.00262
4215658.00	0.00167	0.00174	0.00180	0.00182	0.00193	0.00203	0.00213	0.00228	0.00249
4215638.00	0.00162	0.00170	0.00176	0.00181	0.00187	0.00198	0.00208	0.00219	0.00237
4215618.00	0.00158	0.00166	0.00172	0.00178	0.00185	0.00191	0.00201	0.00210	0.00226
4215598.00	0.00154	0.00162	0.00168	0.00174	0.00180	0.00192	0.00195	0.00205	0.00220
4215578.00	0.00151	0.00157	0.00164	0.00169	0.00175	0.00186	0.00197	0.00199	0.00212
4215558.00	0.00148	0.00153	0.00159	0.00166	0.00171	0.00181	0.00192	0.00194	0.00206
4215538.00	0.00144	0.00150	0.00155	0.00162	0.00169	0.00175	0.00186	0.00196	0.00206
4215518.00	0.00142	0.00146	0.00152	0.00157	0.00164	0.00172	0.00181	0.00191	0.00202
4215498.00	0.00139	0.00144	0.00148	0.00153	0.00159	0.00168	0.00175	0.00186	0.00195
4215478.00	0.00136	0.00141	0.00145	0.00150	0.00155	0.00162	0.00171	0.00181	0.00195
4215458.00	0.00134	0.00138	0.00142	0.00147	0.00152	0.00158	0.00166	0.00174	0.00187
4215438.00	0.00131	0.00135	0.00139	0.00144	0.00149	0.00160	0.00174	0.00191	0.00219
4215418.00	0.00128	0.00132	0.00137	0.00146	0.00158	0.00173	0.00192	0.00216	0.00246
4215398.00	0.00126	0.00133	0.00143	0.00156	0.00170	0.00186	0.00206	0.00229	0.00250
4215378.00	0.00131	0.00141	0.00153	0.00166	0.00179	0.00194	0.00210	0.00230	0.00241
4215358.00	0.00139	0.00150	0.00162	0.00175	0.00183	0.00195	0.00209	0.00215	0.00216
4215338.00	0.00146	0.00157	0.00167	0.00178	0.00187	0.00193	0.00196	0.00192	0.00197

  4215158.00 | 0.00110   0.00118   0.00128   0.00140   0.00152   0.00163   0.00171
0.00179   0.00186
  4215138.00 | 0.00112   0.00121   0.00131   0.00142   0.00153   0.00161   0.00167
0.00175   0.00178
  4215118.00 | 0.00114   0.00124   0.00134   0.00144   0.00151   0.00158   0.00165
0.00170   0.00171
  4215098.00 | 0.00117   0.00126   0.00136   0.00143   0.00149   0.00155   0.00161
0.00163   0.00165
  4215078.00 | 0.00120   0.00128   0.00136   0.00141   0.00146   0.00153   0.00156
0.00157   0.00159
  4215058.00 | 0.00121   0.00129   0.00135   0.00139   0.00145   0.00149   0.00150
0.00152   0.00153
  4215038.00 | 0.00123   0.00129   0.00133   0.00137   0.00142   0.00144   0.00145
0.00147   0.00148
  4215018.00 | 0.00123   0.00127   0.00131   0.00136   0.00139   0.00139   0.00141
0.00142   0.00147
  4214998.00 | 0.00122   0.00125   0.00129   0.00133   0.00134   0.00135   0.00137
0.00137   0.00146
  4214978.00 | 0.00120   0.00123   0.00128   0.00130   0.00130   0.00132   0.00132
0.00136   0.00144

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***

INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00892	0.00780	0.00588	0.00492	0.00432	0.00386	0.00351	0.00318	0.00284
4215938.00	0.00876	0.00828	0.00694	0.00552	0.00474	0.00419	0.00377	0.00341	0.00303
4215918.00	0.00978	0.00855	0.00789	0.00639	0.00527	0.00459	0.00407	0.00366	0.00325
4215898.00	0.00908	0.00942	0.00986	0.00768	0.00596	0.00507	0.00443	0.00396	0.00350
4215878.00	0.00854	0.00950	0.00909	0.00894	0.00699	0.00568	0.00488	0.00430	0.00379
4215858.00	0.00731	0.00961	0.00969	0.00878	0.00806	0.00649	0.00545	0.00471	0.00413
4215838.00	0.00618	0.00810	0.00898	0.00950	0.00837	0.00773	0.00616	0.00521	0.00452
4215818.00	0.00538	0.00676	0.00836	0.00939	0.00913	0.00791	0.00710	0.00586	0.00500
4215798.00	0.00480	0.00579	0.00743	0.00926	0.00937	0.00944	0.00814	0.00671	0.00558
4215778.00	0.00434	0.00510	0.00627	0.00818	0.01007	0.00903	0.00873	0.00786	0.00633
4215758.00	0.00396	0.00459	0.00545	0.00682	0.00871	0.00986	0.00876	0.00886	0.00734
4215738.00	0.00363	0.00417	0.00485	0.00586	0.00743	0.00830	0.00806	0.00865	0.00779
4215718.00	0.00336	0.00383	0.00440	0.00514	0.00632	0.00823	0.00883	0.00914	0.00827
4215698.00	0.00312	0.00354	0.00403	0.00463	0.00551	0.00685	0.00846	0.00928	0.00885
4215678.00	0.00292	0.00328	0.00371	0.00423	0.00489	0.00592	0.00748	0.00916	0.00939
4215658.00	0.00273	0.00307	0.00345	0.00390	0.00444	0.00523	0.00639	0.00825	0.00993
4215638.00	0.00259	0.00287	0.00322	0.00361	0.00409	0.00469	0.00560	0.00692	0.00914
4215618.00	0.00246	0.00271	0.00302	0.00337	0.00379	0.00430	0.00501	0.00602	0.00758
4215598.00	0.00239	0.00262	0.00286	0.00317	0.00354	0.00399	0.00454	0.00536	0.00649
4215578.00	0.00230	0.00251	0.00274	0.00300	0.00333	0.00374	0.00422	0.00487	0.00577
4215558.00	0.00227	0.00248	0.00263	0.00287	0.00316	0.00353	0.00398	0.00453	0.00530
4215538.00	0.00220	0.00239	0.00262	0.00251	0.00277	0.00365	0.00412	0.00455	0.00547

  4215518.00 | 0.00211   0.00227   0.00206   0.00225   0.00311   0.00389   0.00493
0.00462   0.00487
  4215498.00 | 0.00198   0.00176   0.00183   0.00244   0.00349   0.00361   0.00527
0.00563   0.00478
  4215478.00 | 0.00205   0.00191   0.00207   0.00290   0.00472   0.00478   0.00659
0.00510   0.00668
  4215458.00 | 0.00212   0.00255   0.00326   0.00438   0.00576   0.00708   0.00543
0.00802   0.00773
  4215438.00 | 0.00262   0.00317   0.00375   0.00453   0.00505   0.00556   0.00645
0.00660   0.00656
  4215418.00 | 0.00285   0.00324   0.00360   0.00386   0.00426   0.00500   0.00557
0.00567   0.00566
  4215398.00 | 0.00276   0.00291   0.00310   0.00339   0.00393   0.00457   0.00490
0.00499   0.00509
  4215378.00 | 0.00246   0.00254   0.00278   0.00322   0.00377   0.00415   0.00436
0.00448   0.00462
  4215358.00 | 0.00221   0.00238   0.00274   0.00316   0.00352   0.00378   0.00392
0.00404   0.00423
  4215338.00 | 0.00214   0.00245   0.00269   0.00302   0.00327   0.00344   0.00359
0.00370   0.00391
  4215318.00 | 0.00217   0.00243   0.00273   0.00287   0.00303   0.00318   0.00331
0.00341   0.00363
  4215298.00 | 0.00216   0.00242   0.00262   0.00274   0.00281   0.00292   0.00306
0.00319   0.00341
  4215278.00 | 0.00217   0.00236   0.00253   0.00263   0.00266   0.00275   0.00284
0.00301   0.00321
  4215258.00 | 0.00214   0.00228   0.00240   0.00248   0.00258   0.00264   0.00269
0.00289   0.00307
  4215238.00 | 0.00210   0.00223   0.00228   0.00235   0.00244   0.00257   0.00262
0.00281   0.00298
  4215218.00 | 0.00204   0.00212   0.00219   0.00224   0.00235   0.00243   0.00250
0.00267   0.00285
  4215198.00 | 0.00201   0.00205   0.00211   0.00215   0.00226   0.00231   0.00240
0.00256   0.00271
  4215178.00 | 0.00195   0.00199   0.00203   0.00208   0.00218   0.00219   0.00231
0.00245   0.00259

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                              INCLUDING SOURCE(S):   L0001115   , L0001116   , L0001117   , L0001118   ,
L0001119   ,
                L0001120   , L0001121   , L0001122   , L0001123   , L0001124   , L0001125   , L0001126   ,
L0001127   ,
                L0001128   , L0001129   , L0001130   , L0001131   , L0001132   , L0001133   , L0001134   ,
L0001135   ,
                L0001136   , L0001137   , L0001138   , L0001139   , L0001140   , L0001141   , L0001142   ,
. . .   ,

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

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 0.00188   0.00193   0.00199   0.00204   0.00209   0.00212   0.00222
0.00236   0.00248
  4215138.00 | 0.00182   0.00184   0.00193   0.00200   0.00203   0.00204   0.00214
0.00227   0.00238

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.00260	0.00242	0.00228	0.00213	0.00200	0.00190	0.00185	0.00179	0.00173
4215938.00	0.00276	0.00255	0.00240	0.00223	0.00209	0.00199	0.00193	0.00186	0.00180
4215918.00	0.00293	0.00269	0.00253	0.00234	0.00219	0.00208	0.00201	0.00194	0.00187
4215898.00	0.00313	0.00285	0.00267	0.00246	0.00230	0.00219	0.00211	0.00202	0.00195
4215878.00	0.00335	0.00304	0.00282	0.00260	0.00242	0.00231	0.00222	0.00213	0.00203
4215858.00	0.00361	0.00324	0.00299	0.00275	0.00256	0.00244	0.00233	0.00224	0.00212
4215838.00	0.00390	0.00349	0.00318	0.00292	0.00271	0.00259	0.00246	0.00235	0.00221
4215818.00	0.00426	0.00376	0.00340	0.00311	0.00288	0.00274	0.00262	0.00247	0.00229
4215798.00	0.00470	0.00410	0.00366	0.00333	0.00309	0.00293	0.00278	0.00260	0.00239
4215778.00	0.00525	0.00449	0.00396	0.00360	0.00333	0.00314	0.00295	0.00273	0.00250
4215758.00	0.00594	0.00497	0.00431	0.00390	0.00360	0.00337	0.00314	0.00287	0.00263
4215738.00	0.00683	0.00556	0.00472	0.00425	0.00390	0.00364	0.00334	0.00302	0.00273

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  4215718.00 |       0.00797      0.00631      0.00524      0.00466      0.00425      0.00393      0.00354
0.00320      0.00283
  4215698.00 |       0.00768      0.00730      0.00592      0.00516      0.00467      0.00426      0.00378
0.00335      0.00297
  4215678.00 |       0.00841      0.00782      0.00680      0.00578      0.00519      0.00460      0.00405
0.00350      0.00309
  4215658.00 |       0.00908      0.00778      0.00807      0.00653      0.00578      0.00501      0.00430
0.00371      0.00315
  4215638.00 |       0.00863      0.00887      0.00711      0.00757      0.00648      0.00549      0.00459
0.00384      0.00317
  4215618.00 |       0.00844      0.00855      0.00873      0.00663      0.00730      0.00593      0.00487
0.00386      0.00315
  4215598.00 |       0.00839      0.00891      0.00823      0.00847      0.00851      0.00657      0.00484
0.00394      0.00322
  4215578.00 |       0.00709      0.00886      0.00937      0.00814      0.00814      0.00679      0.00507
0.00406      0.00335
  4215558.00 |       0.00634      0.00769      0.00919      0.00957      0.00842      0.00767      0.00547
0.00425      0.00350
  4215538.00 |       0.00535      0.00655      0.00803      0.00829      0.01081      0.00809      0.00589
0.00460      0.00375
  4215518.00 |       0.00494      0.00586      0.00845      0.01164      0.01013      0.00808      0.00625
0.00488      0.00405
  4215498.00 |       0.00603      0.00788      0.00978      0.00998      0.00913      0.00784      0.00633
0.00513      0.00421
  4215478.00 |       0.00872      0.00835      0.00849      0.00870      0.00826      0.00751      0.00628
0.00516      0.00436
  4215458.00 |       0.00739      0.00738      0.00753      0.00770      0.00754      0.00693      0.00611
0.00516      0.00439
  4215438.00 |       0.00658      0.00662      0.00678      0.00691      0.00688      0.00637      0.00594
0.00514      0.00437
  4215418.00 |       0.00592      0.00601      0.00618      0.00632      0.00631      0.00595      0.00562
0.00502      0.00437
  4215398.00 |       0.00537      0.00551      0.00569      0.00582      0.00583      0.00561      0.00524
0.00493      0.00434
  4215378.00 |       0.00490      0.00508      0.00527      0.00541      0.00541      0.00528      0.00497
0.00473      0.00428
  4215358.00 |       0.00451      0.00470      0.00489      0.00504      0.00505      0.00498      0.00472
0.00447      0.00421
  4215338.00 |       0.00414      0.00438      0.00454      0.00471      0.00475      0.00469      0.00451
0.00424      0.00408
  4215318.00 |       0.00384      0.00408      0.00425      0.00441      0.00448      0.00444      0.00432
0.00409      0.00390
  4215298.00 |       0.00363      0.00382      0.00396      0.00414      0.00423      0.00420      0.00413
0.00392      0.00372
  4215278.00 |       0.00342      0.00362      0.00372      0.00391      0.00401      0.00399      0.00394
0.00378      0.00360
  4215258.00 |       0.00324      0.00343      0.00354      0.00369      0.00381      0.00381      0.00374
0.00365      0.00347
  4215238.00 |       0.00309      0.00325      0.00335      0.00347      0.00361      0.00365      0.00357
0.00352      0.00335
  4215218.00 |       0.00291      0.00307      0.00319      0.00331      0.00342      0.00348      0.00344
0.00338      0.00326
  4215198.00 |       0.00276      0.00293      0.00305      0.00313      0.00330      0.00333      0.00331
0.00323      0.00316
  4215178.00 |       0.00261      0.00278      0.00293      0.00297      0.00315      0.00322      0.00319
0.00313      0.00306
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  16:58:04

  PAGE 265
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                INCLUDING SOURCE(S):     L0001115    , L0001116    , L0001117    , L0001118    ,
L0001119    ,
                L0001120    , L0001121    , L0001122    , L0001123    , L0001124    , L0001125    , L0001126    ,
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L0001127   ,
                L0001128   , L0001129   , L0001130   , L0001131   , L0001132   , L0001133   , L0001134   ,
L0001135   ,
                L0001136   , L0001137   , L0001138   , L0001139   , L0001140   , L0001141   , L0001142   ,
. . .   ,

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

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 0.00248   0.00267   0.00283   0.00291   0.00302   0.00310   0.00310
0.00303   0.00297
  4215138.00 | 0.00240   0.00254   0.00271   0.00278   0.00285   0.00295   0.00298
0.00291   0.00285
  4215118.00 | 0.00231   0.00242   0.00259   0.00268   0.00270   0.00280   0.00285
0.00281   0.00276
  4215098.00 | 0.00222   0.00232   0.00247   0.00257   0.00255   0.00266   0.00273
0.00271   0.00267
  4215078.00 | 0.00214   0.00222   0.00236   0.00247   0.00243   0.00254   0.00261
0.00261   0.00258
  4215058.00 | 0.00208   0.00213   0.00226   0.00237   0.00238   0.00243   0.00250
0.00252   0.00250
  4215038.00 | 0.00201   0.00205   0.00217   0.00228   0.00233   0.00233   0.00243
0.00246   0.00243
  4215018.00 | 0.00198   0.00199   0.00209   0.00220   0.00225   0.00224   0.00235
0.00239   0.00236
  4214998.00 | 0.00194   0.00195   0.00202   0.00212   0.00218   0.00218   0.00228
0.00231   0.00232
  4214978.00 | 0.00191   0.00191   0.00194   0.00205   0.00211   0.00213   0.00218
0.00226   0.00227

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                                INCLUDING SOURCE(S):   L0001115   , L0001116   , L0001117   , L0001118   ,
L0001119   ,
                L0001120   , L0001121   , L0001122   , L0001123   , L0001124   , L0001125   , L0001126   ,
L0001127   ,
                L0001128   , L0001129   , L0001130   , L0001131   , L0001132   , L0001133   , L0001134   ,
L0001135   ,
                L0001136   , L0001137   , L0001138   , L0001139   , L0001140   , L0001141   , L0001142   ,
. . .   ,

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

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

  4215958.00 | 0.00167   0.00160   0.00152   0.00145   0.00138
  4215938.00 | 0.00173   0.00165   0.00155   0.00148   0.00141
  4215918.00 | 0.00179   0.00169   0.00160   0.00152   0.00144
  4215898.00 | 0.00185   0.00173   0.00165   0.00156   0.00146
  4215878.00 | 0.00192   0.00180   0.00169   0.00160   0.00148

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                              INCLUDING SOURCE(S):   L0001115   , L0001116   , L0001117   , L0001118   ,
L0001119   ,
                L0001120   , L0001121   , L0001122   , L0001123   , L0001124   , L0001125   , L0001126   ,
L0001127   ,
                L0001128   , L0001129   , L0001130   , L0001131   , L0001132   , L0001133   , L0001134   ,
L0001135   ,
                L0001136   , L0001137   , L0001138   , L0001139   , L0001140   , L0001141   , L0001142   ,
. . .   ,

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

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

 4215158.00 | 0.00286   0.00275   0.00264   0.00255   0.00244
 4215138.00 | 0.00277   0.00267   0.00257   0.00248   0.00240
 4215118.00 | 0.00268   0.00259   0.00249   0.00242   0.00234
 4215098.00 | 0.00259   0.00253   0.00242   0.00236   0.00228
 4215078.00 | 0.00250   0.00246   0.00235   0.00229   0.00224
 4215058.00 | 0.00243   0.00238   0.00230   0.00224   0.00219

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00422	539351.84	4215428.70	0.00438
539361.84	4215428.70	0.00449	539371.84	4215428.70	0.00479
539381.84	4215428.70	0.00512	539341.84	4215438.70	0.00446
539351.84	4215438.70	0.00482	539361.84	4215438.70	0.00507
539371.84	4215438.70	0.00517	539381.84	4215438.70	0.00552
539341.84	4215448.70	0.00445	539351.84	4215448.70	0.00499
539361.84	4215448.70	0.00553	539371.84	4215448.70	0.00594
539381.84	4215448.70	0.00610	539341.84	4215458.70	0.00421
539351.84	4215458.70	0.00487	539361.84	4215458.70	0.00558
539371.84	4215458.70	0.00637	539381.84	4215458.70	0.00703
539341.84	4215468.70	0.00364	539351.84	4215468.70	0.00440
539361.84	4215468.70	0.00526	539371.84	4215468.70	0.00620
539381.84	4215468.70	0.00735	539113.88	4215517.52	0.00144
539096.52	4215515.99	0.00140	539108.26	4215501.18	0.00140
539096.01	4215500.67	0.00137	539108.26	4215486.38	0.00138
539094.47	4215485.36	0.00135	539135.32	4215461.36	0.00141
539150.13	4215439.91	0.00141	539114.39	4215452.68	0.00135
539123.07	4215439.40	0.00135	539159.32	4215421.02	0.00143
539145.02	4215416.43	0.00137	539134.30	4215410.81	0.00134
539131.75	4215425.11	0.00135	539206.80	4215383.75	0.00194

539215.99	4215372.52	0.00203	539188.93	4215382.22	0.00181
539176.17	4215379.67	0.00174	539165.44	4215376.09	0.00168
539248.79	4215356.71	0.00215	539243.45	4215348.45	0.00205
539265.58	4215345.25	0.00203	539260.78	4215338.05	0.00196
539256.25	4215351.38	0.00209	539272.77	4215331.92	0.00202
539264.78	4215324.99	0.00194	539280.77	4215321.79	0.00212
539279.97	4215307.14	0.00212	539287.97	4215313.80	0.00221
539297.83	4215304.74	0.00234	539289.56	4215296.21	0.00224
539311.15	4215287.68	0.00246	539303.69	4215281.28	0.00237
539303.69	4215296.21	0.00241	539314.25	4215271.79	0.00242
539329.09	4215260.48	0.00243	539339.69	4215237.16	0.00233
539357.36	4215232.92	0.00238	539394.11	4215199.70	0.00235
539044.99	4215579.21	0.00135	539034.39	4215591.93	0.00133
539054.88	4215556.59	0.00135	539058.42	4215538.92	0.00133
539054.88	4215520.55	0.00130	539082.44	4215477.44	0.00131
539073.96	4215466.13	0.00129	539098.70	4215440.69	0.00131
539109.30	4215426.56	0.00130	539117.07	4215415.96	0.00131
539125.55	4215401.11	0.00132	539158.77	4215367.19	0.00168
539150.29	4215357.30	0.00167	539184.21	4215339.63	0.00191
539222.37	4215324.79	0.00182	539243.58	4215317.72	0.00177

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00227	539364.42	4215191.93	0.00223

539344.64	4215200.41	0.00216	539409.65	4215113.48	0.00207
539355.94	4215136.80	0.00201	539262.66	4215288.75	0.00194
539282.44	4215261.19	0.00214	539299.41	4215235.04	0.00219
538948.91	4216164.24	0.00218	539351.64	4215795.94	0.00906
539171.40	4215646.30	0.00185	539358.95	4215583.01	0.00329
539293.80	4215538.56	0.00228	539260.82	4215517.04	0.00200
539279.41	4215503.60	0.00204	539292.18	4215495.55	0.00191
539318.95	4215487.21	0.00173	539337.11	4215482.84	0.00239
539356.14	4215482.00	0.00351	539369.89	4215483.02	0.00483
539384.66	4215486.57	0.00439	539391.49	4215490.91	0.00467
539342.66	4215571.90	0.00294	539326.38	4215560.79	0.00267
539310.09	4215549.67	0.00250	539277.31	4215527.80	0.00211
539270.11	4215510.32	0.00202	539305.56	4215491.38	0.00173
539384.98	4215509.33	0.00428	539378.47	4215527.75	0.00351
539371.97	4215546.17	0.00325	539365.46	4215564.59	0.00324

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007
4215938.00	0.00008	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00006
4215918.00	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006
4215898.00	0.00008	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006
4215878.00	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006
4215858.00	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006
4215838.00	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00005
4215818.00	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00005		

```
0.00005      0.00005
  4215798.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00005      0.00005
0.00005      0.00005
  4215778.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00005      0.00005
0.00005      0.00005
  4215758.00 |       0.00006      0.00006      0.00006      0.00006      0.00005      0.00005      0.00005
0.00005      0.00005
  4215738.00 |       0.00006      0.00006      0.00006      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215718.00 |       0.00006      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215698.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215678.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215658.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215638.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00004
0.00004      0.00004
  4215618.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00004      0.00004
0.00004      0.00004
  4215598.00 |       0.00005      0.00005      0.00005      0.00005      0.00004      0.00004      0.00004
0.00004      0.00004
  4215578.00 |       0.00005      0.00005      0.00005      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215558.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215538.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215518.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215498.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215478.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215458.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215438.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215418.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00003      0.00003
  4215398.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00003
0.00003      0.00003
  4215378.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00003
0.00003      0.00003
  4215358.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00003      0.00003
0.00003      0.00003
  4215338.00 |       0.00004      0.00003      0.00004      0.00004      0.00004      0.00003      0.00003
0.00003      0.00003
  4215318.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215298.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215278.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215258.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215238.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215218.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215198.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215178.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                 ***
  16:58:04
```

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***
INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00	
4215158.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
4215138.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
4215118.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
4215098.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
4215078.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
4215058.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
4215038.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
4215018.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
4214998.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	
4214978.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***
INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00	
4215958.00	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00005	
4215938.00	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00005	0.00005	
4215918.00	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005			

0.00005 0.00005
  4215898.00 | 0.00006 0.00006 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
  4215878.00 | 0.00006 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
  4215858.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
  4215838.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
  4215818.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
  4215798.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00004
  4215778.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00004
0.00004 0.00004
  4215758.00 | 0.00005 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004
0.00004 0.00004
  4215738.00 | 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215718.00 | 0.00005 0.00005 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215698.00 | 0.00005 0.00005 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215678.00 | 0.00005 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215658.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215638.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215618.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215598.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215578.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215558.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215538.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215518.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215498.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
  4215478.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00003
  4215458.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00003 0.00003
0.00003 0.00003
  4215438.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00003 0.00003
0.00003 0.00003
  4215418.00 | 0.00003 0.00004 0.00004 0.00004 0.00003 0.00003 0.00003
0.00003 0.00003
  4215398.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
  4215378.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
  4215358.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
  4215338.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
  4215318.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
  4215298.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
  4215278.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
  4215258.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
  4215238.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003

(METERS)	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004
4215938.00	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215918.00	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215898.00	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215878.00	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003
4215858.00	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215838.00	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215818.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215798.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215778.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215758.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215738.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003
4215718.00	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003
4215698.00	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003
4215678.00	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003
4215658.00	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003
4215638.00	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003
4215618.00	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215598.00	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215578.00	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215558.00	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215538.00	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215518.00	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215498.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215478.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215458.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215438.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215418.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215398.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215378.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215358.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215338.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003

WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215938.00	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215918.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215898.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215878.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215858.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215838.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215818.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215798.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215778.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215758.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
4215738.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
4215718.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
4215698.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215678.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215658.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215638.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215618.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215598.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215578.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215558.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215538.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215518.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215498.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215478.00	0.00003	0.00003	0.00002	0.00002	0.00002	0.00001	0.00002	0.00002	0.00002
4215458.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215438.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002

  4215418.00 | 0.00003   0.00003   0.00003   0.00003   0.00002   0.00002   0.00002
0.00002   0.00002
  4215398.00 | 0.00003   0.00003   0.00003   0.00003   0.00002   0.00002   0.00002
0.00002   0.00002
  4215378.00 | 0.00003   0.00003   0.00003   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215358.00 | 0.00003   0.00003   0.00003   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215338.00 | 0.00003   0.00003   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215318.00 | 0.00003   0.00003   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215298.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215278.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215258.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215238.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215218.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215198.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215178.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0001093   , L0001094   , L0001095   , L0001096   ,
L0001097   ,
                L0001098   , L0001099   , L0001100   , L0001101   , L0001102   , L0001103   ,

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

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215138.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215118.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215098.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215078.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215058.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215038.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215018.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4214998.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4214978.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215938.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215918.00	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215898.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215878.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215858.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215838.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215818.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215798.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215778.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215758.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215738.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215718.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215698.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215678.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215658.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215638.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215618.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215598.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215578.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215558.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215538.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002

  4215518.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215498.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215478.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215458.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215438.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215418.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215398.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215378.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215358.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215338.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215318.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215298.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215278.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215258.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215238.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215218.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215198.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215178.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                             INCLUDING SOURCE(S):   L0001093   , L0001094   , L0001095   , L0001096   ,
L0001097   ,
                L0001098   , L0001099   , L0001100   , L0001101   , L0001102   , L0001103   ,

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

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215138.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215118.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215098.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215078.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215938.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215918.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215898.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215878.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215858.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215838.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215818.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215798.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215778.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215758.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215738.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215718.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215698.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215678.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215658.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215638.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215618.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215598.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215578.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215558.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215538.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215518.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215498.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215478.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215458.00	0.00002	0.00002	0.00002	0.00002	0.00001
4215438.00	0.00002	0.00002	0.00002	0.00001	0.00001
4215418.00	0.00002	0.00002	0.00002	0.00001	0.00001
4215398.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215378.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215358.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215338.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215318.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215298.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215278.00	0.00002	0.00002	0.00001	0.00001	0.00001

539341.84	4215448.70	0.00002	539351.84	4215448.70	0.00002
539361.84	4215448.70	0.00002	539371.84	4215448.70	0.00002
539381.84	4215448.70	0.00002	539341.84	4215458.70	0.00002
539351.84	4215458.70	0.00002	539361.84	4215458.70	0.00002
539371.84	4215458.70	0.00002	539381.84	4215458.70	0.00002
539341.84	4215468.70	0.00002	539351.84	4215468.70	0.00002
539361.84	4215468.70	0.00002	539371.84	4215468.70	0.00002
539381.84	4215468.70	0.00002	539113.88	4215517.52	0.00003
539096.52	4215515.99	0.00004	539108.26	4215501.18	0.00003
539096.01	4215500.67	0.00004	539108.26	4215486.38	0.00003
539094.47	4215485.36	0.00003	539135.32	4215461.36	0.00003
539150.13	4215439.91	0.00003	539114.39	4215452.68	0.00003
539123.07	4215439.40	0.00003	539159.32	4215421.02	0.00003
539145.02	4215416.43	0.00003	539134.30	4215410.81	0.00003
539131.75	4215425.11	0.00003	539206.80	4215383.75	0.00003
539215.99	4215372.52	0.00003	539188.93	4215382.22	0.00003
539176.17	4215379.67	0.00003	539165.44	4215376.09	0.00003
539248.79	4215356.71	0.00003	539243.45	4215348.45	0.00003
539265.58	4215345.25	0.00003	539260.78	4215338.05	0.00003
539256.25	4215351.38	0.00003	539272.77	4215331.92	0.00003
539264.78	4215324.99	0.00003	539280.77	4215321.79	0.00003
539279.97	4215307.14	0.00003	539287.97	4215313.80	0.00003
539297.83	4215304.74	0.00003	539289.56	4215296.21	0.00003
539311.15	4215287.68	0.00002	539303.69	4215281.28	0.00002
539303.69	4215296.21	0.00002	539314.25	4215271.79	0.00002
539329.09	4215260.48	0.00002	539339.69	4215237.16	0.00002
539357.36	4215232.92	0.00002	539394.11	4215199.70	0.00002
539044.99	4215579.21	0.00004	539034.39	4215591.93	0.00004
539054.88	4215556.59	0.00004	539058.42	4215538.92	0.00004
539054.88	4215520.55	0.00004	539082.44	4215477.44	0.00003
539073.96	4215466.13	0.00003	539098.70	4215440.69	0.00003
539109.30	4215426.56	0.00003	539117.07	4215415.96	0.00003
539125.55	4215401.11	0.00003	539158.77	4215367.19	0.00003
539150.29	4215357.30	0.00003	539184.21	4215339.63	0.00003
539222.37	4215324.79	0.00003	539243.58	4215317.72	0.00003

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00002	539364.42	4215191.93	0.00002
539344.64	4215200.41	0.00002	539409.65	4215113.48	0.00002
539355.94	4215136.80	0.00002	539262.66	4215288.75	0.00003
539282.44	4215261.19	0.00003	539299.41	4215235.04	0.00002
538948.91	4216164.24	0.00011	539351.64	4215795.94	0.00003
539171.40	4215646.30	0.00003	539358.95	4215583.01	0.00002
539293.80	4215538.56	0.00003	539260.82	4215517.04	0.00003
539279.41	4215503.60	0.00003	539292.18	4215495.55	0.00003
539318.95	4215487.21	0.00002	539337.11	4215482.84	0.00002
539356.14	4215482.00	0.00002	539369.89	4215483.02	0.00001
539384.66	4215486.57	0.00002	539391.49	4215490.91	0.00002
539342.66	4215571.90	0.00003	539326.38	4215560.79	0.00003
539310.09	4215549.67	0.00003	539277.31	4215527.80	0.00003
539270.11	4215510.32	0.00003	539305.56	4215491.38	0.00002
539384.98	4215509.33	0.00002	539378.47	4215527.75	0.00002
539371.97	4215546.17	0.00002	539365.46	4215564.59	0.00002

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 ,

L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 ,
. . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00
538884.00	538904.00						
4215958.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006	0.00006
0.00006	0.00006						
4215938.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00006
0.00006	0.00006						
4215918.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00006
0.00006	0.00006						
4215898.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00006
0.00006	0.00006						
4215878.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005
0.00006	0.00006						
4215858.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005
0.00006	0.00006						
4215838.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005
0.00005	0.00006						
4215818.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005
0.00005	0.00006						
4215798.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005
0.00005	0.00005						
4215778.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005
0.00005	0.00005						
4215758.00	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005
0.00005	0.00005						
4215738.00	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005
0.00005	0.00005						
4215718.00	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005
0.00005	0.00005						
4215698.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005
0.00005	0.00005						
4215678.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005
0.00005	0.00005						
4215658.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005
0.00005	0.00005						
4215638.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00005
0.00005	0.00005						
4215618.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
0.00005	0.00005						
4215598.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
0.00005	0.00005						
4215578.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
0.00004	0.00005						
4215558.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
0.00004	0.00005						
4215538.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
0.00004	0.00005						
4215518.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
0.00004	0.00004						
4215498.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
0.00004	0.00004						
4215478.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
0.00004	0.00004						
4215458.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
0.00004	0.00004						
4215438.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
0.00004	0.00004						
4215418.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004

0.00004 0.00004
4215398.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215378.00 | 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215358.00 | 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215338.00 | 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215318.00 | 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215298.00 | 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215278.00 | 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215258.00 | 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004
0.00004 0.00004
4215238.00 | 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004
0.00004 0.00004
4215218.00 | 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004
0.00004 0.00005
4215198.00 | 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004
0.00004 0.00005
4215178.00 | 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP:
WKR2HR ***
INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 ,
L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 ,
L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 ,
L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 ,
. . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 538744.00 538764.00 538784.00 538804.00 538824.00 538844.00 538864.00
538884.00 538904.00
- -
- - - - - - - -

4215158.00 | 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005
4215138.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005
4215118.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005
4215098.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005
4215078.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215058.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215038.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215018.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00007	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010	0.00011	0.00012
4215938.00	0.00006	0.00007	0.00007	0.00007	0.00008	0.00009	0.00010	0.00011	0.00012
4215918.00	0.00006	0.00007	0.00007	0.00007	0.00008	0.00009	0.00009	0.00010	0.00011
4215898.00	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010	0.00011
4215878.00	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010
4215858.00	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010
4215838.00	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00009	0.00009	0.00009
4215818.00	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009
4215798.00	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009
4215778.00	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009
4215758.00	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00008
4215738.00	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00008
4215718.00	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008
4215698.00	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008
4215678.00	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008
4215658.00	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008
4215638.00	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007
4215618.00	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007		

0.00007   0.00007
  4215598.00 | 0.00005   0.00005   0.00005   0.00006   0.00006   0.00006   0.00006
0.00007   0.00007
  4215578.00 | 0.00005   0.00005   0.00005   0.00006   0.00006   0.00006   0.00006
0.00007   0.00007
  4215558.00 | 0.00005   0.00005   0.00005   0.00006   0.00006   0.00006   0.00006
0.00006   0.00007
  4215538.00 | 0.00005   0.00005   0.00005   0.00005   0.00006   0.00006   0.00006
0.00006   0.00007
  4215518.00 | 0.00005   0.00005   0.00005   0.00005   0.00006   0.00006   0.00006
0.00006   0.00006
  4215498.00 | 0.00005   0.00005   0.00005   0.00005   0.00006   0.00006   0.00006
0.00006   0.00006
  4215478.00 | 0.00004   0.00005   0.00005   0.00005   0.00005   0.00006   0.00006
0.00006   0.00006
  4215458.00 | 0.00004   0.00005   0.00005   0.00005   0.00005   0.00006   0.00006
0.00006   0.00006
  4215438.00 | 0.00004   0.00005   0.00005   0.00005   0.00005   0.00006   0.00006
0.00006   0.00006
  4215418.00 | 0.00004   0.00005   0.00005   0.00005   0.00005   0.00005   0.00006
0.00006   0.00006
  4215398.00 | 0.00004   0.00005   0.00005   0.00005   0.00005   0.00005   0.00005
0.00006   0.00006
  4215378.00 | 0.00004   0.00004   0.00005   0.00005   0.00005   0.00005   0.00005
0.00006   0.00006
  4215358.00 | 0.00004   0.00004   0.00005   0.00005   0.00005   0.00005   0.00005
0.00006   0.00006
  4215338.00 | 0.00004   0.00004   0.00005   0.00005   0.00005   0.00005   0.00006
0.00006   0.00007
  4215318.00 | 0.00004   0.00004   0.00005   0.00005   0.00005   0.00006   0.00006
0.00006   0.00007
  4215298.00 | 0.00004   0.00004   0.00005   0.00005   0.00005   0.00006   0.00006
0.00007   0.00007
  4215278.00 | 0.00004   0.00005   0.00005   0.00005   0.00006   0.00006   0.00007
0.00007   0.00007
  4215258.00 | 0.00004   0.00005   0.00005   0.00006   0.00006   0.00006   0.00007
0.00007   0.00007
  4215238.00 | 0.00005   0.00005   0.00005   0.00006   0.00006   0.00006   0.00007
0.00007   0.00007
  4215218.00 | 0.00005   0.00005   0.00006   0.00006   0.00006   0.00006   0.00007
0.00007   0.00006
  4215198.00 | 0.00005   0.00005   0.00006   0.00006   0.00006   0.00006   0.00006
0.00006   0.00006
  4215178.00 | 0.00005   0.00005   0.00006   0.00006   0.00006   0.00006   0.00006
0.00006   0.00005

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):   L0001185   , L0001186   , L0001187   , L0001188   ,
L0001189   ,
                L0001190   , L0001191   , L0001192   , L0001193   , L0001194   , L0001195   , L0001196   ,
L0001197   ,
                L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   , L0001204   ,
L0001205   ,
                L0001206   , L0001207   , L0001208   , L0001209   , L0001210   , L0001211   , L0001212   ,
. . .   ,

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

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)

```
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215158.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215138.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215118.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215098.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00004      0.00005
0.00005      0.00005
  4215078.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00005
0.00005      0.00005
  4215058.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00005
0.00005      0.00005
  4215038.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00005
0.00005      0.00006
  4215018.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00005
0.00005      0.00006
  4214998.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00005      0.00005
0.00005      0.00006
  4214978.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00005      0.00005
0.00006      0.00006
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 288
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):     L0001185    , L0001186    , L0001187    , L0001188    ,
L0001189    ,
                L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    ,
L0001197    ,
                L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,
                L0001206    , L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,
. . .       ,

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

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215958.00 |       0.00013      0.00015      0.00017      0.00020      0.00025      0.00032      0.00046
0.00064      0.00056
  4215938.00 |       0.00013      0.00014      0.00016      0.00018      0.00022      0.00028      0.00036
0.00055      0.00061
  4215918.00 |       0.00012      0.00013      0.00015      0.00017      0.00020      0.00024      0.00030
0.00041      0.00051
  4215898.00 |       0.00011      0.00012      0.00014      0.00015      0.00018      0.00021      0.00026
0.00033      0.00048
  4215878.00 |       0.00011      0.00012      0.00013      0.00014      0.00016      0.00019      0.00023
0.00028      0.00037
  4215858.00 |       0.00010      0.00011      0.00012      0.00013      0.00015      0.00017      0.00020
0.00025      0.00030
  4215838.00 |       0.00010      0.00011      0.00012      0.00013      0.00014      0.00016      0.00019
0.00022      0.00026
  4215818.00 |       0.00010      0.00010      0.00011      0.00012      0.00013      0.00015      0.00017
```

0.00020 0.00023
4215798.00 | 0.00009 0.00010 0.00011 0.00011 0.00013 0.00014 0.00016
0.00018 0.00021
4215778.00 | 0.00009 0.00009 0.00010 0.00011 0.00012 0.00013 0.00014
0.00017 0.00019
4215758.00 | 0.00009 0.00009 0.00010 0.00010 0.00011 0.00012 0.00014
0.00015 0.00018
4215738.00 | 0.00008 0.00009 0.00009 0.00010 0.00011 0.00012 0.00013
0.00014 0.00016
4215718.00 | 0.00008 0.00009 0.00009 0.00010 0.00010 0.00011 0.00012
0.00013 0.00015
4215698.00 | 0.00008 0.00009 0.00009 0.00009 0.00010 0.00011 0.00011
0.00013 0.00014
4215678.00 | 0.00008 0.00008 0.00009 0.00009 0.00010 0.00010 0.00011
0.00012 0.00013
4215658.00 | 0.00008 0.00008 0.00008 0.00009 0.00009 0.00010 0.00011
0.00011 0.00012
4215638.00 | 0.00008 0.00008 0.00008 0.00009 0.00009 0.00010 0.00010
0.00011 0.00012
4215618.00 | 0.00007 0.00008 0.00008 0.00008 0.00009 0.00009 0.00010
0.00010 0.00011
4215598.00 | 0.00007 0.00008 0.00008 0.00008 0.00009 0.00009 0.00009
0.00010 0.00011
4215578.00 | 0.00007 0.00007 0.00008 0.00008 0.00008 0.00009 0.00009
0.00010 0.00010
4215558.00 | 0.00007 0.00007 0.00007 0.00008 0.00008 0.00009 0.00009
0.00009 0.00010
4215538.00 | 0.00007 0.00007 0.00007 0.00008 0.00008 0.00008 0.00009
0.00009 0.00010
4215518.00 | 0.00007 0.00007 0.00007 0.00007 0.00008 0.00008 0.00009
0.00009 0.00010
4215498.00 | 0.00007 0.00007 0.00007 0.00007 0.00008 0.00008 0.00008
0.00009 0.00009
4215478.00 | 0.00007 0.00007 0.00007 0.00007 0.00008 0.00008 0.00008
0.00009 0.00010
4215458.00 | 0.00006 0.00007 0.00007 0.00007 0.00007 0.00008 0.00008
0.00009 0.00009
4215438.00 | 0.00006 0.00006 0.00007 0.00007 0.00007 0.00007 0.00008
0.00009 0.00010
4215418.00 | 0.00006 0.00006 0.00006 0.00007 0.00007 0.00008 0.00009
0.00011 0.00013
4215398.00 | 0.00006 0.00006 0.00007 0.00007 0.00008 0.00009 0.00011
0.00012 0.00014
4215378.00 | 0.00006 0.00007 0.00007 0.00008 0.00009 0.00010 0.00011
0.00012 0.00013
4215358.00 | 0.00007 0.00007 0.00008 0.00009 0.00010 0.00010 0.00011
0.00012 0.00012
4215338.00 | 0.00007 0.00008 0.00009 0.00009 0.00010 0.00010 0.00010
0.00010 0.00010
4215318.00 | 0.00008 0.00008 0.00009 0.00009 0.00009 0.00009 0.00009
0.00009 0.00009
4215298.00 | 0.00008 0.00008 0.00009 0.00009 0.00009 0.00008 0.00008
0.00008 0.00010
4215278.00 | 0.00008 0.00008 0.00008 0.00008 0.00007 0.00007 0.00007
0.00009 0.00010
4215258.00 | 0.00007 0.00007 0.00007 0.00007 0.00007 0.00007 0.00008
0.00009 0.00010
4215238.00 | 0.00007 0.00007 0.00006 0.00006 0.00006 0.00007 0.00008
0.00009 0.00010
4215218.00 | 0.00006 0.00006 0.00006 0.00006 0.00007 0.00007 0.00008
0.00009 0.00010
4215198.00 | 0.00006 0.00006 0.00006 0.00006 0.00007 0.00008 0.00009
0.00009 0.00010
4215178.00 | 0.00005 0.00005 0.00006 0.00006 0.00007 0.00008 0.00009
0.00009 0.00010

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***
INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215158.00	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00009	0.00009	0.00009
4215138.00	0.00005	0.00006	0.00006	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009
4215118.00	0.00005	0.00006	0.00006	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009
4215098.00	0.00005	0.00006	0.00007	0.00007	0.00008	0.00008	0.00008	0.00008	0.00008
4215078.00	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008	0.00008
4215058.00	0.00006	0.00006	0.00007	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008
4215038.00	0.00006	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007
4215018.00	0.00006	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007
4214998.00	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007
4214978.00	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00006	0.00007	0.00007

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***
INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

(METERS)	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00054	0.00047	0.00032	0.00026	0.00022	0.00020	0.00018	0.00017	0.00015
4215938.00	0.00055	0.00049	0.00040	0.00030	0.00025	0.00022	0.00020	0.00018	0.00016
4215918.00	0.00060	0.00053	0.00048	0.00036	0.00028	0.00024	0.00021	0.00019	0.00017
4215898.00	0.00055	0.00059	0.00062	0.00045	0.00033	0.00027	0.00023	0.00021	0.00019
4215878.00	0.00050	0.00059	0.00056	0.00055	0.00040	0.00031	0.00026	0.00023	0.00020
4215858.00	0.00042	0.00058	0.00061	0.00054	0.00049	0.00036	0.00029	0.00025	0.00022
4215838.00	0.00034	0.00048	0.00054	0.00060	0.00051	0.00046	0.00034	0.00028	0.00024
4215818.00	0.00028	0.00038	0.00049	0.00057	0.00057	0.00047	0.00041	0.00032	0.00027
4215798.00	0.00025	0.00031	0.00042	0.00056	0.00057	0.00059	0.00050	0.00038	0.00030
4215778.00	0.00022	0.00027	0.00034	0.00048	0.00062	0.00055	0.00054	0.00047	0.00035
4215758.00	0.00020	0.00024	0.00029	0.00038	0.00052	0.00061	0.00053	0.00055	0.00043
4215738.00	0.00019	0.00021	0.00025	0.00031	0.00042	0.00049	0.00048	0.00052	0.00047
4215718.00	0.00017	0.00019	0.00023	0.00027	0.00034	0.00048	0.00053	0.00058	0.00050
4215698.00	0.00016	0.00018	0.00020	0.00024	0.00029	0.00038	0.00050	0.00057	0.00056
4215678.00	0.00015	0.00017	0.00019	0.00022	0.00026	0.00032	0.00042	0.00055	0.00058
4215658.00	0.00014	0.00015	0.00017	0.00020	0.00023	0.00028	0.00035	0.00048	0.00061
4215638.00	0.00013	0.00014	0.00016	0.00018	0.00021	0.00024	0.00030	0.00038	0.00054
4215618.00	0.00012	0.00014	0.00015	0.00017	0.00019	0.00022	0.00026	0.00032	0.00043
4215598.00	0.00012	0.00013	0.00014	0.00016	0.00018	0.00020	0.00024	0.00028	0.00035
4215578.00	0.00011	0.00012	0.00014	0.00015	0.00017	0.00019	0.00022	0.00025	0.00031
4215558.00	0.00011	0.00012	0.00013	0.00014	0.00016	0.00018	0.00021	0.00024	0.00029
4215538.00	0.00011	0.00011	0.00013	0.00013	0.00015	0.00021	0.00025	0.00029	0.00036
4215518.00	0.00010	0.00011	0.00010	0.00012	0.00017	0.00025	0.00034	0.00027	0.00029
4215498.00	0.00009	0.00009	0.00009	0.00013	0.00019	0.00019	0.00032	0.00034	0.00029
4215478.00	0.00010	0.00010	0.00011	0.00015	0.00027	0.00028	0.00041	0.00031	0.00040
4215458.00	0.00010	0.00012	0.00017	0.00025	0.00034	0.00044	0.00032	0.00049	0.00045
4215438.00	0.00013	0.00017	0.00021	0.00026	0.00029	0.00032	0.00037	0.00037	0.00036
4215418.00	0.00016	0.00018	0.00020	0.00022	0.00023	0.00028	0.00031	0.00031	0.00030
4215398.00	0.00015	0.00016	0.00017	0.00018	0.00021	0.00025	0.00027	0.00026	0.00027
4215378.00	0.00014	0.00014	0.00014	0.00017	0.00020	0.00023	0.00023	0.00023	0.00024
4215358.00	0.00011	0.00012	0.00014	0.00017	0.00019	0.00020	0.00021	0.00021	0.00022
4215338.00	0.00010	0.00012	0.00014	0.00016	0.00018	0.00018	0.00019	0.00019	0.00020

```
  4215318.00 |       0.00011      0.00012      0.00014      0.00015      0.00016      0.00017      0.00017
0.00018      0.00019
  4215298.00 |       0.00011      0.00012      0.00014      0.00014      0.00015      0.00015      0.00016
0.00016      0.00017
  4215278.00 |       0.00011      0.00012      0.00013      0.00013      0.00014      0.00014      0.00015
0.00015      0.00016
  4215258.00 |       0.00011      0.00012      0.00012      0.00013      0.00013      0.00014      0.00014
0.00015      0.00016
  4215238.00 |       0.00011      0.00011      0.00012      0.00012      0.00012      0.00013      0.00013
0.00014      0.00015
  4215218.00 |       0.00010      0.00011      0.00011      0.00011      0.00012      0.00012      0.00012
0.00013      0.00014
  4215198.00 |       0.00010      0.00010      0.00011      0.00011      0.00011      0.00012      0.00012
0.00013      0.00014
  4215178.00 |       0.00010      0.00010      0.00010      0.00010      0.00011      0.00011      0.00011
0.00012      0.00013
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 291
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):     L0001185    , L0001186    , L0001187    , L0001188    ,
L0001189    ,
                L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    ,
L0001197    ,
                L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,
                L0001206    , L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,
. . .       ,

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

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00009      0.00010      0.00010      0.00010      0.00010      0.00010      0.00011
0.00012      0.00012
  4215138.00 |       0.00009      0.00009      0.00009      0.00010      0.00010      0.00010      0.00011
0.00011      0.00012
  4215118.00 |       0.00009      0.00009      0.00009      0.00010      0.00010      0.00010      0.00010
0.00011      0.00011
  4215098.00 |       0.00008      0.00008      0.00009      0.00009      0.00009      0.00009      0.00010
0.00010      0.00011
  4215078.00 |       0.00008      0.00008      0.00009      0.00009      0.00009      0.00009      0.00010
0.00010      0.00011
  4215058.00 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00009      0.00009
0.00010      0.00010
  4215038.00 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00009      0.00009
0.00010      0.00010
  4215018.00 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00009      0.00009
0.00009      0.00010
  4214998.00 |       0.00007      0.00008      0.00008      0.00008      0.00008      0.00008      0.00009
0.00009      0.00009
  4214978.00 |       0.00007      0.00007      0.00007      0.00007      0.00008      0.00008      0.00008
0.00009      0.00009
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.00013	0.00012	0.00012	0.00011	0.00010	0.00010	0.00010	0.00009	0.00009
4215938.00	0.00014	0.00013	0.00012	0.00012	0.00011	0.00010	0.00010	0.00010	0.00009
4215918.00	0.00015	0.00014	0.00013	0.00012	0.00011	0.00011	0.00011	0.00010	0.00010
4215898.00	0.00016	0.00015	0.00014	0.00013	0.00012	0.00012	0.00011	0.00011	0.00010
4215878.00	0.00017	0.00016	0.00015	0.00014	0.00013	0.00012	0.00012	0.00011	0.00011
4215858.00	0.00019	0.00017	0.00016	0.00014	0.00013	0.00013	0.00012	0.00012	0.00011
4215838.00	0.00021	0.00018	0.00017	0.00015	0.00014	0.00014	0.00013	0.00013	0.00012
4215818.00	0.00023	0.00020	0.00018	0.00016	0.00015	0.00015	0.00014	0.00013	0.00013
4215798.00	0.00025	0.00022	0.00019	0.00018	0.00016	0.00016	0.00015	0.00014	0.00013
4215778.00	0.00029	0.00024	0.00021	0.00019	0.00018	0.00017	0.00016	0.00015	0.00014
4215758.00	0.00033	0.00027	0.00023	0.00021	0.00019	0.00018	0.00017	0.00016	0.00015
4215738.00	0.00039	0.00030	0.00026	0.00023	0.00021	0.00020	0.00018	0.00017	0.00015
4215718.00	0.00048	0.00035	0.00029	0.00025	0.00023	0.00022	0.00020	0.00018	0.00015
4215698.00	0.00053	0.00043	0.00033	0.00028	0.00026	0.00024	0.00021	0.00019	0.00016
4215678.00	0.00051	0.00047	0.00039	0.00032	0.00029	0.00026	0.00023	0.00020	0.00017
4215658.00	0.00057	0.00048	0.00049	0.00038	0.00033	0.00029	0.00024	0.00021	0.00018
4215638.00	0.00053	0.00056	0.00043	0.00046	0.00038	0.00032	0.00026	0.00022	0.00018
4215618.00	0.00050	0.00053	0.00054	0.00039	0.00045	0.00035	0.00028	0.00022	0.00018
4215598.00	0.00048	0.00054	0.00051	0.00052	0.00054	0.00040	0.00029	0.00022	0.00018
4215578.00	0.00039	0.00052	0.00059	0.00050	0.00050	0.00041	0.00028	0.00022	0.00018
4215558.00	0.00035	0.00042	0.00057	0.00061	0.00054	0.00046	0.00031	0.00023	0.00019
4215538.00	0.00028	0.00038	0.00046	0.00051	0.00071	0.00049	0.00034	0.00025	0.00020

  4215518.00 | 0.00030   0.00033   0.00049   0.00073   0.00064   0.00048   0.00037
0.00027   0.00022
  4215498.00 | 0.00036   0.00048   0.00058   0.00058   0.00055   0.00047   0.00036
0.00030   0.00023
  4215478.00 | 0.00053   0.00048   0.00048   0.00049   0.00047   0.00044   0.00036
0.00030   0.00025
  4215458.00 | 0.00041   0.00040   0.00041   0.00042   0.00042   0.00040   0.00035
0.00029   0.00025
  4215438.00 | 0.00035   0.00035   0.00036   0.00037   0.00038   0.00036   0.00034
0.00029   0.00025
  4215418.00 | 0.00031   0.00032   0.00032   0.00034   0.00034   0.00033   0.00032
0.00028   0.00024
  4215398.00 | 0.00028   0.00029   0.00030   0.00031   0.00031   0.00031   0.00030
0.00028   0.00024
  4215378.00 | 0.00025   0.00026   0.00027   0.00028   0.00029   0.00029   0.00028
0.00027   0.00024
  4215358.00 | 0.00023   0.00024   0.00025   0.00026   0.00027   0.00027   0.00026
0.00025   0.00024
  4215338.00 | 0.00021   0.00022   0.00023   0.00024   0.00025   0.00025   0.00025
0.00024   0.00023
  4215318.00 | 0.00020   0.00021   0.00022   0.00023   0.00024   0.00024   0.00024
0.00023   0.00022
  4215298.00 | 0.00018   0.00019   0.00020   0.00021   0.00022   0.00022   0.00022
0.00022   0.00021
  4215278.00 | 0.00017   0.00018   0.00019   0.00020   0.00021   0.00021   0.00021
0.00021   0.00020
  4215258.00 | 0.00016   0.00017   0.00018   0.00019   0.00020   0.00020   0.00020
0.00020   0.00019
  4215238.00 | 0.00015   0.00016   0.00017   0.00018   0.00019   0.00019   0.00019
0.00019   0.00018
  4215218.00 | 0.00014   0.00015   0.00016   0.00017   0.00018   0.00018   0.00018
0.00018   0.00018
  4215198.00 | 0.00014   0.00014   0.00015   0.00016   0.00017   0.00017   0.00018
0.00017   0.00017
  4215178.00 | 0.00013   0.00014   0.00015   0.00015   0.00016   0.00017   0.00017
0.00017   0.00017

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):   L0001185   , L0001186   , L0001187   , L0001188   ,
L0001189   ,
                L0001190   , L0001191   , L0001192   , L0001193   , L0001194   , L0001195   , L0001196   ,
L0001197   ,
                L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   , L0001204   ,
L0001205   ,
                L0001206   , L0001207   , L0001208   , L0001209   , L0001210   , L0001211   , L0001212   ,
. . .   ,

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

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 0.00013   0.00013   0.00014   0.00014   0.00015   0.00016   0.00016
0.00016   0.00016
  4215138.00 | 0.00012   0.00012   0.00013   0.00014   0.00014   0.00015   0.00016
0.00016   0.00015

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):   L0001185   , L0001186   , L0001187   , L0001188   ,
L0001189   ,
                L0001190   , L0001191   , L0001192   , L0001193   , L0001194   , L0001195   , L0001196   ,
L0001197   ,
                L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   , L0001204   ,
L0001205   ,
                L0001206   , L0001207   , L0001208   , L0001209   , L0001210   , L0001211   , L0001212   ,
. . .   ,

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

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

  4215958.00 | 0.00009   0.00009   0.00008   0.00008   0.00008
  4215938.00 | 0.00009   0.00009   0.00008   0.00008   0.00008
  4215918.00 | 0.00010   0.00009   0.00009   0.00008   0.00008
  4215898.00 | 0.00010   0.00009   0.00009   0.00008   0.00008
  4215878.00 | 0.00010   0.00010   0.00009   0.00009   0.00008
  4215858.00 | 0.00011   0.00010   0.00009   0.00009   0.00008
  4215838.00 | 0.00011   0.00011   0.00010   0.00009   0.00008
  4215818.00 | 0.00012   0.00011   0.00010   0.00009   0.00009
  4215798.00 | 0.00012   0.00011   0.00010   0.00009   0.00009
  4215778.00 | 0.00013   0.00011   0.00010   0.00010   0.00009
  4215758.00 | 0.00013   0.00012   0.00011   0.00010   0.00009
  4215738.00 | 0.00013   0.00012   0.00011   0.00010   0.00009
  4215718.00 | 0.00014   0.00012   0.00011   0.00010   0.00009
  4215698.00 | 0.00014   0.00013   0.00011   0.00010   0.00009
  4215678.00 | 0.00015   0.00013   0.00011   0.00010   0.00009
  4215658.00 | 0.00015   0.00013   0.00011   0.00010   0.00009
  4215638.00 | 0.00015   0.00013   0.00011   0.00009   0.00009
  4215618.00 | 0.00015   0.00012   0.00011   0.00010   0.00009
  4215598.00 | 0.00015   0.00013   0.00012   0.00010   0.00009
  4215578.00 | 0.00015   0.00013   0.00012   0.00010   0.00009
  4215558.00 | 0.00016   0.00014   0.00012   0.00011   0.00010
  4215538.00 | 0.00017   0.00015   0.00013   0.00011   0.00010
  4215518.00 | 0.00018   0.00016   0.00014   0.00012   0.00011
  4215498.00 | 0.00019   0.00016   0.00014   0.00013   0.00011
  4215478.00 | 0.00020   0.00017   0.00015   0.00013   0.00012

```
  4215458.00 |       0.00022      0.00018      0.00016      0.00014      0.00013
  4215438.00 |       0.00022      0.00019      0.00016      0.00014      0.00013
  4215418.00 |       0.00022      0.00020      0.00017      0.00014      0.00013
  4215398.00 |       0.00021      0.00019      0.00018      0.00015      0.00013
  4215378.00 |       0.00021      0.00019      0.00017      0.00016      0.00014
  4215358.00 |       0.00021      0.00019      0.00017      0.00016      0.00014
  4215338.00 |       0.00021      0.00018      0.00017      0.00016      0.00015
  4215318.00 |       0.00021      0.00018      0.00017      0.00015      0.00014
  4215298.00 |       0.00020      0.00019      0.00016      0.00015      0.00014
  4215278.00 |       0.00019      0.00018      0.00016      0.00015      0.00014
  4215258.00 |       0.00019      0.00018      0.00017      0.00015      0.00014
  4215238.00 |       0.00018      0.00017      0.00017      0.00015      0.00014
  4215218.00 |       0.00018      0.00017      0.00016      0.00015      0.00014
  4215198.00 |       0.00017      0.00017      0.00016      0.00015      0.00014
  4215178.00 |       0.00016      0.00016      0.00016      0.00015      0.00014
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 295
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):     L0001185    , L0001186    , L0001187    , L0001188    ,
L0001189    ,
                L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    ,
L0001197    ,
                L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,
                L0001206    , L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,
. . .       ,

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

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00016      0.00015      0.00015      0.00014      0.00014
  4215138.00 |       0.00015      0.00015      0.00015      0.00014      0.00014
  4215118.00 |       0.00015      0.00014      0.00014      0.00014      0.00013
  4215098.00 |       0.00014      0.00014      0.00014      0.00014      0.00013
  4215078.00 |       0.00014      0.00013      0.00013      0.00013      0.00013
  4215058.00 |       0.00013      0.00013      0.00013      0.00013      0.00013
  4215038.00 |       0.00013      0.00013      0.00012      0.00012      0.00012
  4215018.00 |       0.00013      0.00012      0.00012      0.00012      0.00012
  4214998.00 |       0.00012      0.00012      0.00012      0.00011      0.00011
  4214978.00 |       0.00012      0.00012      0.00011      0.00011      0.00011
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 296
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):     L0001185    , L0001186    , L0001187    , L0001188    ,
L0001189    ,
                L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    ,
L0001197    ,
                L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,
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L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00024	539351.84	4215428.70	0.00025
539361.84	4215428.70	0.00026	539371.84	4215428.70	0.00027
539381.84	4215428.70	0.00029	539341.84	4215438.70	0.00025
539351.84	4215438.70	0.00028	539361.84	4215438.70	0.00029
539371.84	4215438.70	0.00030	539381.84	4215438.70	0.00032
539341.84	4215448.70	0.00026	539351.84	4215448.70	0.00029
539361.84	4215448.70	0.00032	539371.84	4215448.70	0.00035
539381.84	4215448.70	0.00037	539341.84	4215458.70	0.00024
539351.84	4215458.70	0.00028	539361.84	4215458.70	0.00033
539371.84	4215458.70	0.00038	539381.84	4215458.70	0.00044
539341.84	4215468.70	0.00019	539351.84	4215468.70	0.00025
539361.84	4215468.70	0.00031	539371.84	4215468.70	0.00038
539381.84	4215468.70	0.00046	539113.88	4215517.52	0.00007
539096.52	4215515.99	0.00007	539108.26	4215501.18	0.00007
539096.01	4215500.67	0.00007	539108.26	4215486.38	0.00007
539094.47	4215485.36	0.00006	539135.32	4215461.36	0.00007
539150.13	4215439.91	0.00007	539114.39	4215452.68	0.00006
539123.07	4215439.40	0.00006	539159.32	4215421.02	0.00007
539145.02	4215416.43	0.00006	539134.30	4215410.81	0.00006
539131.75	4215425.11	0.00006	539206.80	4215383.75	0.00010
539215.99	4215372.52	0.00011	539188.93	4215382.22	0.00009
539176.17	4215379.67	0.00009	539165.44	4215376.09	0.00008
539248.79	4215356.71	0.00012	539243.45	4215348.45	0.00011
539265.58	4215345.25	0.00010	539260.78	4215338.05	0.00010
539256.25	4215351.38	0.00011	539272.77	4215331.92	0.00009
539264.78	4215324.99	0.00009	539280.77	4215321.79	0.00010
539279.97	4215307.14	0.00011	539287.97	4215313.80	0.00011
539297.83	4215304.74	0.00012	539289.56	4215296.21	0.00011
539311.15	4215287.68	0.00013	539303.69	4215281.28	0.00012
539303.69	4215296.21	0.00012	539314.25	4215271.79	0.00012

539329.09	4215260.48	0.00013	539339.69	4215237.16	0.00012
539357.36	4215232.92	0.00012	539394.11	4215199.70	0.00012
539044.99	4215579.21	0.00006	539034.39	4215591.93	0.00006
539054.88	4215556.59	0.00006	539058.42	4215538.92	0.00006
539054.88	4215520.55	0.00006	539082.44	4215477.44	0.00006
539073.96	4215466.13	0.00006	539098.70	4215440.69	0.00006
539109.30	4215426.56	0.00006	539117.07	4215415.96	0.00006
539125.55	4215401.11	0.00006	539158.77	4215367.19	0.00008
539150.29	4215357.30	0.00008	539184.21	4215339.63	0.00010
539222.37	4215324.79	0.00010	539243.58	4215317.72	0.00009

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***
INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00011	539364.42	4215191.93	0.00011
539344.64	4215200.41	0.00011	539409.65	4215113.48	0.00010
539355.94	4215136.80	0.00010	539262.66	4215288.75	0.00010
539282.44	4215261.19	0.00011	539299.41	4215235.04	0.00011
538948.91	4216164.24	0.00011	539351.64	4215795.94	0.00055
539171.40	4215646.30	0.00009	539358.95	4215583.01	0.00017
539293.80	4215538.56	0.00011	539260.82	4215517.04	0.00009
539279.41	4215503.60	0.00010	539292.18	4215495.55	0.00009
539318.95	4215487.21	0.00009	539337.11	4215482.84	0.00013
539356.14	4215482.00	0.00019	539369.89	4215483.02	0.00028
539384.66	4215486.57	0.00025	539391.49	4215490.91	0.00027

539342.66	4215571.90	0.00015	539326.38	4215560.79	0.00013
539310.09	4215549.67	0.00012	539277.31	4215527.80	0.00010
539270.11	4215510.32	0.00010	539305.56	4215491.38	0.00009
539384.98	4215509.33	0.00027	539378.47	4215527.75	0.00021
539371.97	4215546.17	0.00017	539365.46	4215564.59	0.00016

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	9.30632	9.99096	10.57745	11.23456	11.67854	12.01304	12.77836	13.31807	13.56953
4215938.00	9.16307	9.75732	10.43395	11.12080	11.83698	12.37974	12.72877	13.60198	14.22319
4215918.00	8.73655	9.51972	10.22293	10.89389	11.70325	12.48299	13.14320	13.56944	14.51460
4215898.00	8.06596	8.97437	9.87448	10.70227	11.40279	12.31760	13.17419	13.97731	14.50578
4215878.00	7.42106	8.20364	9.19160	10.21919	11.18648	12.03409	12.96937	13.92124	14.89230
4215858.00	6.90101	7.63631	8.43016	9.39901	10.54590	11.67400	12.69501	13.65604	14.76350
4215838.00	6.68609	7.07501	7.82972	8.68421	9.63826	10.84771	12.15909	13.38029	14.42433
4215818.00	6.67902	7.06116	7.49457	7.99095	8.95346	9.97494	11.14344	12.62825	14.08131
4215798.00	6.73280	7.08052	7.46242	7.95246	8.46499	9.18730	10.32944	11.58385	13.06352
4215778.00	6.88333	7.13760	7.51800	7.93653	8.41847	9.02982	9.68279	10.66327	12.03047
4215758.00	7.04156	7.38283	7.72585	8.04568	8.45849	8.96204	9.60470	10.34629	11.17993
4215738.00	7.16898	7.49967	7.87088	8.29700	8.72932	9.13816	9.60884	10.21251	11.07158
4215718.00	7.82219	7.92266	8.09034	8.39814	8.84349	9.38150	9.93679	10.47038	11.02321
4215698.00	8.43351	8.65419	8.89501	9.14110	9.34015	9.48228	10.02790	10.68632	11.42323
4215678.00	8.69360	9.03413	9.38394	9.79328	10.19785	10.58958	10.93435	11.22055	11.59309

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  4215658.00 |       9.11428      9.42570      9.76953     10.16431     10.62309     11.15056     11.76075
12.34569     12.88644
  4215638.00 |       9.15149      9.40737      9.86078     10.41748     11.07265     11.75144     12.44770
13.10258     13.74634
  4215618.00 |       9.03318      9.31221      9.64867      9.97772     10.75538     11.59546     12.49919
13.42031     14.31996
  4215598.00 |       8.52936      8.96394      9.33534      9.62643     10.31483     11.07237     11.90707
12.69487     13.67022
  4215578.00 |       8.23603      8.59008      8.96412      9.15569      9.74621     10.40217     11.13353
11.95014     12.72286
  4215558.00 |       8.20210      8.56514      8.90927      9.27503      9.83688     10.45582     11.13979
11.66224     12.26165
  4215538.00 |       7.81247      8.12934      8.46705      8.82714      9.35940      9.94585     10.59475
11.34555     11.79594
  4215518.00 |       7.12288      7.41152      7.72009      8.08487      8.51840      9.03353      9.60329
10.19353     10.80401
  4215498.00 |       6.17130      6.42747      6.72004      7.01583      7.37985      7.77810      8.24146
8.69912      9.20439
  4215478.00 |       5.06079      5.27828      5.60176      5.95418      6.37392      6.81156      7.31675
7.87558      8.46045
  4215458.00 |       5.30374      5.62180      5.94966      6.30852      6.76198      7.28809      7.86449
8.56000      9.37179
  4215438.00 |       6.01499      6.38264      6.77097      7.22667      7.75597      8.29625      8.91066
9.57476     10.38586
  4215418.00 |       6.68139      7.06874      7.47666      7.93268      8.38402      8.85361      9.33847
9.87974     10.55759
  4215398.00 |       7.05963      7.38692      7.72213      8.09028      8.47359      8.85848      9.27632
9.69135     10.18466
  4215378.00 |       7.06856      7.34199      7.63592      7.90367      8.16112      8.40231      8.65310
8.87846      9.14600
  4215358.00 |       6.80024      6.99992      7.17132      7.32606      7.45894      7.58987      7.87573
8.35058      8.93490
  4215338.00 |       6.27649      6.39025      6.47149      6.75482      7.14902      7.50822      7.87759
9.01216     11.05750
  4215318.00 |       5.89524      6.21707      6.49831      6.79778      7.11400      8.15766      9.83732
11.81355     14.09901
  4215298.00 |       5.96912      6.20534      6.46632      7.41547      8.83469     10.49351     12.38631
14.44246     16.52753
  4215278.00 |       5.96596      6.77363      7.98449      9.38279     10.98173     12.72193     14.52200
16.62336     19.14606
  4215258.00 |       7.25463      8.45318      9.81053     11.27721     12.82336     14.41287     16.66400
18.73874     20.41491
  4215238.00 |       8.82727     10.10355     11.43077     12.74150     14.56861     16.44834     18.08726
19.28774     20.11450
  4215218.00 |      10.25873     11.43110     12.82652     14.51685     16.04149     17.25791     18.11164
18.76425     20.23646
  4215198.00 |      11.35395     12.90180     14.32230     15.50321     16.36655     16.94065     17.87816
19.21563     20.41074
  4215178.00 |      12.83405     13.99459     14.88668     15.45689     15.80562     17.02534     18.26179
19.14610     19.47527
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 299
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                  INCLUDING SOURCE(S):     L0001071    , L0001072    , L0001073    , L0001074    ,
L0001075    ,
               L0001076    , L0001077    , L0001078    , L0001079    , L0001080    , L0001081    , L0001093    ,
L0001094    ,
               L0001095    , L0001096    , L0001097    , L0001098    , L0001099    , L0001100    , L0001101    ,
L0001102    ,
               L0001103    , L0001115    , L0001116    , L0001117    , L0001118    , L0001119    , L0001120    ,
. . .       ,
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	13.56141	14.19604	14.57582	15.22825	16.27640	17.34921	17.95297	18.04889	17.61459
4215138.00	13.45806	13.67181	14.64130	15.65749	16.48118	16.90609	16.82082	16.24645	15.20286
4215118.00	13.18592	14.07226	15.02512	15.65636	15.89250	15.70625	15.05071	13.99767	12.84268
4215098.00	13.61332	14.38938	14.85615	14.95599	14.67239	13.97741	12.93004	11.90576	11.02738
4215078.00	13.75816	14.08516	14.07332	13.71466	12.99605	11.97589	11.06912	10.23667	10.86718
4215058.00	13.34631	13.24363	12.81920	12.09822	11.11070	10.31439	9.52573	10.23563	10.87025
4215038.00	12.46529	12.00116	11.27615	10.32483	9.62337	8.93350	9.67192	10.29475	10.62113
4215018.00	11.24402	10.52267	9.63412	8.98982	8.40651	9.15136	9.75965	10.10661	10.15349
4214998.00	9.82950	9.03110	8.40814	7.92446	8.66994	9.26179	9.62298	9.71546	10.30746
4214978.00	8.47331	7.87335	7.49551	8.21599	8.79817	9.16850	9.29811	9.67580	10.85814

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	13.65846	14.11503	14.57219	15.35744	15.75962	16.56520	18.17807	19.70402	20.20923
4215938.00	14.51384	14.66241	15.20209	15.72102	16.57546	17.04593	18.10123	20.02099	21.23965
4215918.00	15.23100	15.57004	15.78694	16.42451	17.00298	17.92530	18.45789	19.79445	21.96491
4215898.00	15.53008	16.36014	16.75432	17.05140	17.80159	18.43493	19.41257	20.04133	22.09043
4215878.00	15.54540	16.66384	17.62760	18.09119	18.48286	19.35982	20.17683	21.05307	22.16859

4215858.00	15.89456	16.70230	17.93173	19.06075	19.60917	20.22279	21.10977
22.14432	22.90293						
4215838.00	15.71470	16.99225	17.98921	19.36019	20.69095	21.34389	22.22991
23.09918	24.38476						
4215818.00	15.36690	16.73393	18.19316	19.43061	20.97845	22.55748	23.34945
24.55433	25.49147						
4215798.00	14.78325	16.36087	17.82381	19.51200	21.06536	22.82295	24.72145
25.71543	27.25766						
4215778.00	13.56466	15.46857	17.39553	19.05333	20.97867	22.92777	24.95677
27.24111	28.50877						
4215758.00	12.51366	14.23518	16.12673	18.46414	20.57254	22.72346	25.05304
27.42454	30.19779						
4215738.00	12.00168	13.06899	14.87571	17.06959	19.55346	22.21190	24.65578
27.46883	30.30411						
4215718.00	11.80808	12.92773	14.16149	15.55519	18.09174	20.77382	23.95372
26.85509	30.23404						
4215698.00	12.13572	12.80363	13.86677	15.32902	16.98507	19.04616	22.38089
25.77628	29.58962						
4215678.00	12.29536	13.27953	14.25072	15.15142	16.57554	18.54644	20.75907
23.97218	28.18057						
4215658.00	13.40412	13.84130	14.63202	15.75408	16.98308	18.26193	20.20109
22.96460	25.98638						
4215638.00	14.48077	15.33788	16.17991	16.94018	17.77195	19.29981	20.95633
22.53240	25.23656						
4215618.00	15.35380	16.44560	17.56029	18.67187	19.80055	21.07300	22.28174
24.09824	26.66010						
4215598.00	14.91877	16.32774	17.87525	19.54575	21.32729	23.20658	25.13542
27.06644	28.97534						
4215578.00	13.56267	14.67662	16.27557	18.19325	20.37127	22.83182	25.58860
28.65951	32.03491						
4215558.00	12.85806	13.68451	14.85988	16.29625	17.98502	19.95236	22.32135
25.75096	29.83634						
4215538.00	12.22828	12.85884	13.77614	14.96310	16.41506	18.22366	20.38089
22.96878	26.11039						
4215518.00	11.14170	11.75014	12.40077	13.30841	14.54513	15.99456	17.68216
19.68691	22.09590						
4215498.00	9.62631	10.11942	10.73074	11.45517	12.43506	13.63581	15.01337
16.65041	18.68124						
4215478.00	9.14611	9.72360	10.50439	11.42728	12.67332	14.12578	16.13997
18.57890	21.46626						
4215458.00	10.28432	11.31240	12.24472	13.27089	14.43854	15.82576	17.66854
19.70883	21.94081						
4215438.00	11.27490	12.19313	13.24053	14.02787	14.74331	15.57766	16.79607
18.00495	19.47831						
4215418.00	11.30089	12.07920	12.82527	13.44019	13.63800	14.00602	15.57794
19.91973	26.38738						
4215398.00	10.67317	11.14578	11.48832	11.92369	13.49811	16.66131	21.47650
27.11403	34.38473						
4215378.00	9.56941	10.32153	11.68831	14.52366	18.24987	22.49241	27.57965
33.89072	39.67801						
4215358.00	10.13801	12.64475	15.61489	19.02000	22.63185	27.46809	32.31739
36.28412	39.36719						
4215338.00	13.49385	16.28498	19.24938	22.80899	26.85709	30.31489	33.11319
35.78645	38.87221						
4215318.00	16.55803	19.18238	22.68197	25.83270	28.23778	30.03107	32.65523
35.14567	36.25293						
4215298.00	19.31273	22.16364	24.53064	26.26646	27.78494	29.98438	31.91531
32.33902	30.96383						
4215278.00	21.36581	23.02720	24.25701	26.02747	27.99888	29.18781	29.04893
27.43054	24.58997						
4215258.00	21.59010	22.61755	24.33610	26.05512	26.79381	26.25576	24.54929
22.09815	20.97121						
4215238.00	21.42452	23.04879	24.28519	24.62356	23.85697	22.07524	20.01897
19.23141	20.89704						
4215218.00	21.74179	22.62376	22.65555	21.73448	19.96793	18.25287	17.78261
18.95800	20.63393						
4215198.00	21.00126	20.83609	19.84887	18.12539	16.69560	16.44341	17.25758
18.91236	21.20399						
4215178.00	19.13773	18.14488	16.50461	15.31424	15.30256	16.06719	17.36498

18.71933   23.47834

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
                L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
                L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

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

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 16.59332   15.10858   14.08127   14.27621   15.04942   15.97439   17.07021
20.53509   25.12530
  4215138.00 | 13.90179   12.93912   13.31712   14.04145   14.68926   15.84883   18.08474
22.46068   25.76083
  4215118.00 | 11.92754   12.37505   13.13425   13.51152   14.68463   16.29411   19.91928
23.55108   25.46816
  4215098.00 | 11.55923   12.28395   12.56118   13.55858   14.95447   17.72165   21.36108
23.80827   24.58030
  4215078.00 | 11.51701   11.81719   12.54439   13.75958   15.77976   19.20940   22.05036
23.31891   23.05385
  4215058.00 | 11.16815   11.63029   12.62228   14.27365   17.16831   20.21608   22.02010
22.35824   22.19928
  4215038.00 | 10.86694   11.71416   13.20866   15.36357   18.32383   20.50433   21.33003
20.94422   21.68644
  4215018.00 | 10.98651   12.36110   13.87114   16.55763   18.91928   20.17369   20.23574
20.12986   21.00481
  4214998.00 | 11.59196   12.76345   14.98959   17.41537   18.99155   19.44469   19.13379
19.61386   20.04051
  4214978.00 | 12.06397   13.59590   15.96356   17.78173   18.55545   18.35438   18.35779
19.01903   19.02011

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
                L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
                L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	20.58134	21.61232	22.16665	22.72737	21.63447	21.95337	22.63442	23.42343	23.89920
4215938.00	21.59849	22.31361	23.53987	24.13011	23.72002	23.33573	24.02347	24.64287	25.49014
4215918.00	22.87793	23.35609	24.62398	25.30821	25.75999	24.70612	25.38150	26.06928	27.26468
4215898.00	23.98184	24.75404	25.55782	26.97258	27.66404	26.70980	26.67934	27.84958	29.10779
4215878.00	24.58375	26.09957	26.77554	28.36778	29.29312	29.42473	28.50743	29.71899	30.99650
4215858.00	24.51173	27.23819	28.62968	29.61061	31.25987	32.02153	30.71994	31.77977	33.04801
4215838.00	25.19198	27.61521	30.00660	31.25363	33.10492	34.33797	33.92275	33.74028	35.15156
4215818.00	26.92954	27.96715	31.13318	33.47845	34.80717	36.77665	37.55125	36.22009	38.02263
4215798.00	28.27274	29.84419	31.44468	34.97930	37.09798	39.28926	40.89514	39.64633	41.18508
4215778.00	30.43041	31.66895	33.17492	35.82851	39.65644	41.65174	44.09268	44.71989	44.41823
4215758.00	31.81391	34.19650	35.79359	37.00291	41.20391	44.91876	47.57346	49.62922	48.20103
4215738.00	33.70861	35.77905	38.69575	40.71683	42.22861	47.65929	50.90417	54.08402	54.34777
4215718.00	33.69806	37.93534	40.88991	44.16077	46.65817	49.05767	55.44899	59.05123	61.78283
4215698.00	33.42608	37.87087	43.07969	47.27290	51.22519	53.92081	58.30042	64.18260	69.05240
4215678.00	32.64577	37.26611	42.99136	49.46626	55.31404	60.14291	62.92302	70.20712	75.92377
4215658.00	30.92146	36.23736	41.90868	49.31829	57.51409	65.63173	71.73322	75.14108	84.60681
4215638.00	29.27192	33.87663	41.14201	47.97167	57.28436	68.00477	79.27646	87.27419	93.63379
4215618.00	29.28794	32.80976	39.05526	46.76073	56.40604	67.71064	82.60841	97.77732	104.97971
4215598.00	31.22287	35.16954	39.70870	45.69461	55.25867	67.78603	82.01401	103.73687	116.14846
4215578.00	35.68503	39.53672	43.46258	48.72654	56.97301	68.22503	83.83496	102.90689	121.73862
4215558.00	34.70789	40.49771	47.32556	55.24466	64.14638	73.82158	88.05003	107.17082	124.93128
4215538.00	29.99056	34.87701	41.66419	50.92125	63.04039	79.44721	98.39434	116.29291	130.34214
4215518.00	25.04785	28.78353	33.62793	39.93816	48.89240	61.64678	80.54887	110.48715	135.75834
4215498.00	21.69493	25.85997	31.25920	38.28553	47.57241	60.57620	79.58677	113.85904	135.16840
4215478.00	24.87266	28.94214	33.75782	39.40870	47.50774	70.00686	100.95887	116.66825	131.74278
4215458.00	24.27058	26.72166	31.62868	45.73692	66.54965	87.37656	99.94786	112.26677	120.62125
4215438.00	24.42688	33.41480	45.92490	60.72742	73.97779	84.86244	91.51287	99.86368	106.42108
4215418.00	34.23779	44.49803	54.33725	62.30518	70.01221	74.60903	78.77188	87.04392	96.69895
4215398.00	42.12926	48.46866	53.13785	58.42788	61.41312	62.33633	67.40700	78.44753	91.49813
4215378.00	43.77807	47.28882	50.60511	51.67029	50.35820	52.80761	63.77895		

74.37767   83.60163
  4215358.00 | 43.25221   45.19763   45.09089   41.79758   42.23632   52.18296   60.27667
69.43874   73.52408
  4215338.00 | 40.94321   40.16171   36.53334   35.00811   43.13974   50.20164   57.75558
64.40280   65.69579
  4215318.00 | 35.18194   31.91254   30.37260   36.07094   42.44657   49.11772   54.89441
57.96939   57.94004
  4215298.00 | 27.90296   26.63827   30.84347   36.60690   43.07926   46.93294   51.67287
52.41621   52.62144
  4215278.00 | 23.31710   26.38957   31.73620   38.78275   42.48317   45.30885   47.20329
47.19610   48.00521
  4215258.00 | 23.29379   27.19596   33.40946   38.91217   40.76296   43.25284   42.82167
42.48572   43.56682
  4215238.00 | 23.35859   28.65927   34.47951   37.43262   39.91377   40.56316   39.33224
39.13769   40.05560
  4215218.00 | 24.59101   30.42305   34.00177   34.81936   38.20571   37.44749   35.77778
35.78843   36.65144
  4215198.00 | 26.76248   30.81756   32.44379   34.47997   35.72029   34.64612   33.23021
33.53885   34.06354
  4215178.00 | 27.90000   30.18115   30.42569   33.13076   33.03522   32.03139   31.35409
31.64029   32.06765

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                  INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                 L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
                 L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
                 L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

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

                                        ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 27.92766   28.57644   30.11855   31.10260   30.72136   29.17901   30.05107
29.78805   30.21787
  4215138.00 | 27.13057   27.07222   29.08997   28.99941   28.24517   27.98075   28.63118
28.18131   28.36425
  4215118.00 | 25.59385   26.72354   27.45505   27.32463   26.02602   26.96960   27.27233
26.72274   26.85446
  4215098.00 | 24.42204   25.91473   25.80673   25.27250   24.17032   25.98412   25.71775
25.62774   25.82551
  4215078.00 | 24.05763   24.60962   24.53930   23.21650   23.55079   24.80592   24.23592
24.35494   24.66782
  4215058.00 | 23.35003   23.22782   22.97219   21.53561   23.06114   23.57573   22.99418
23.15102   23.86498
  4215038.00 | 22.20758   22.25582   21.21184   20.72020   22.45489   22.23534   21.90125
21.88181   23.12900
  4215018.00 | 21.00342   21.01359   19.63187   20.60271   21.67708   20.90102   20.87736
20.88598   22.39130
  4214998.00 | 20.22738   19.58440   18.68189   20.33724   20.76233   19.88890   19.93534
20.08116   21.70188
  4214978.00 | 19.21580   18.01997   18.42732   19.83604   19.74376   18.97471   19.03095

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
                L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
                L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

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

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215958.00 | 25.64229   26.48099   25.13849   22.78393   22.57384   22.99718   22.44301
21.54754   22.61481
  4215938.00 | 26.92070   28.16272   26.82902   24.26557   24.07063   24.45453   23.67505
22.74977   24.36179
  4215918.00 | 28.28201   30.01065   28.70226   25.92484   25.71410   26.06448   25.21225
24.61619   26.37330
  4215898.00 | 29.88787   32.01819   30.77946   27.77191   27.55240   27.82467   26.99087
26.99294   28.51912
  4215878.00 | 31.74693   34.18463   33.09803   29.90992   29.61887   29.81182   28.93621
29.55718   30.63364
  4215858.00 | 33.97513   36.57273   35.68943   32.33088   32.03033   31.98941   31.02434
32.25977   32.92222
  4215838.00 | 36.68179   39.17061   38.63794   35.07531   34.83860   34.37897   33.38069
35.36845   35.12158
  4215818.00 | 39.87581   42.01430   42.07183   38.24731   38.05342   37.25873   36.75491
38.66226   37.05767
  4215798.00 | 43.26564   45.15246   46.01553   41.94472   41.73687   40.95690   41.00484
42.15781   40.24069
  4215778.00 | 47.04956   48.80241   50.64059   46.27115   45.98920   45.17662   45.71788
45.75860   45.20855
  4215758.00 | 50.97380   53.26342   55.99177   51.39010   50.94287   49.97784   51.16444
48.99413   50.80300
  4215738.00 | 56.01058   58.87550   62.21309   57.52350   56.80381   55.49363   57.05098
55.47357   55.63621
  4215718.00 | 61.69879   65.92130   69.48618   64.98377   63.83294   62.86242   63.49416
63.79605   60.46417
  4215698.00 | 68.48047   73.82459   78.03703   74.22614   72.36737   72.42858   71.13180
71.37374   66.68446
  4215678.00 | 80.43949   82.25255   88.15344   85.94181   84.07220   84.08163   83.77189
78.92425   72.58029
  4215658.00 | 92.74575   93.67572   100.88010   101.31465   99.29320   97.87527   96.72628
88.98286   76.27085
  4215638.00 | 101.92379   108.36657   111.88897   114.23394   112.99091   112.04378   107.71916
96.21774   82.31741
  4215618.00 | 111.56771   119.51531   122.92780   126.95448   126.17057   123.96968   115.46061
102.73011   88.68751
  4215598.00 | 122.59040   129.79590   133.64150   137.52102   138.59821   132.97906   121.57761
108.54985   92.69241
  4215578.00 | 132.55619   139.16588   148.90428   145.80933   150.32323   138.11577   126.08366

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	23.56723	23.19474	21.71954	22.91953	23.19274	22.11874	21.27794	20.72662	19.99793
4215938.00	25.03546	24.10088	23.50718	24.70120	24.18550	23.08732	22.20403	21.60430	20.66284
4215918.00	26.67528	24.86920	25.86225	26.35071	25.11266	23.97012	23.40029	22.44376	20.75741
4215898.00	28.18611	26.84015	28.17114	27.64085	26.31846	25.26429	24.34397	22.89865	20.46040
4215878.00	29.46636	29.43299	30.29771	28.87038	27.37066	26.74041	25.30876	22.65562	20.65578
4215858.00	30.85280	32.45977	32.01109	30.40461	29.29826	27.92413	25.43221	22.87313	21.19867
4215838.00	33.97154	35.29095	33.63859	31.83855	30.79716	28.59606	25.41172	23.25416	22.13456
4215818.00	37.90810	37.59476	35.55091	34.33624	32.15337	28.52045	25.61960	24.34073	23.60510
4215798.00	41.78371	39.82227	37.98100	36.08573	32.27070	28.67360	26.96500	25.95791	24.27922
4215778.00	45.06389	42.29672	40.62362	37.02583	32.57922	30.06647	28.72982		

26.75227   23.86919
  4215758.00 | 48.29008   46.06524   42.54956   37.25743   33.77319   32.05941   29.66881
26.47736   25.56755
  4215738.00 | 51.87152   48.96122   43.26188   38.21411   36.25580   33.16118   29.87821
28.61434   26.17964
  4215718.00 | 56.94435   50.65672   44.09645   41.36737   37.40452   34.07183   32.18234
28.89446   25.98557
  4215698.00 | 59.98545   51.65624   47.74563   42.55070   39.25454   36.32534   31.92027
29.38709   27.40152
  4215678.00 | 62.03726   55.92319   49.23547   45.58745   41.20305   36.05780   33.33161
30.21925   26.51249
  4215658.00 | 66.76479   58.43822   53.42994   46.91562   41.74921   37.62584   32.91427
27.92520   23.65027
  4215638.00 | 70.89267   63.40181   54.02391   48.10321   42.00638   35.30239   29.26832
25.53922   23.32143
  4215618.00 | 76.00086   64.83720   55.41271   46.16931   37.76025   32.72102   29.59754
27.76836   25.71492
  4215598.00 | 77.38814   63.06491   51.08105   43.96405   39.79084   36.12503   32.44854
29.17174   26.18371
  4215578.00 | 74.04659   62.69216   55.02307   47.91002   41.38255   36.11340   32.07549
28.43991   25.20281
  4215558.00 | 78.95657   66.34847   55.78783   47.58632   40.67636   34.88604   30.02663
26.70451   24.29149
  4215538.00 | 81.29750   67.54952   57.50788   49.62507   43.45307   38.49788   34.64210
31.40878   28.65046
  4215518.00 | 83.03035   71.01032   60.85755   52.88452   46.48561   41.24880   36.90636
33.32843   30.32367
  4215498.00 | 84.00591   68.25599   56.58462   48.48142   42.09153   36.95216   32.82462
29.69070   27.08788
  4215478.00 | 77.02103   62.96555   53.44840   45.58503   39.10591   33.75757   29.34729
25.69745   23.29897
  4215458.00 | 76.44871   65.07979   55.15569   46.19381   38.85937   32.66767   28.39390
24.99342   22.13762
  4215438.00 | 73.28191   60.22140   52.86159   46.65215   41.45318   36.27889   31.80785
27.56349   23.74717
  4215418.00 | 68.91226   60.25588   49.65037   43.38778   39.29114   35.48104   32.39893
29.18621   26.37724
  4215398.00 | 64.62665   55.60878   50.31931   43.28783   36.79681   33.38522   30.61081
28.26803   26.07210
  4215378.00 | 60.59183   53.04759   46.02528   42.61838   38.00871   32.86607   28.67408
26.64618   24.66897
  4215358.00 | 57.77818   50.54000   44.52589   38.86132   36.51736   33.49661   29.54135
25.77612   23.20842
  4215338.00 | 55.80069   47.43852   42.78868   38.04144   33.38214   31.60925   29.64417
26.55219   23.79929
  4215318.00 | 54.35152   46.04144   41.02820   36.68286   32.95793   29.04278   27.61185
26.36896   24.12977
  4215298.00 | 51.76686   44.93723   38.54734   35.89066   31.78878   28.88988   25.65291
24.33003   23.57791
  4215278.00 | 48.46180   44.62039   38.35970   33.63026   31.59217   27.84867   25.59917
23.01650   21.60044
  4215258.00 | 45.76932   42.74511   37.64640   32.62233   30.06979   27.98223   24.69788
22.88426   20.79611
  4215238.00 | 43.75478   40.51003   37.53268   32.43143   28.25251   26.98095   24.93485
22.06552   20.61317
  4215218.00 | 41.40020   38.25338   36.08227   32.36286   28.25114   25.34893   24.41662
22.34004   19.87778
  4215198.00 | 39.58663   36.50975   34.53373   32.14023   27.92480   24.80437   23.14468
22.16215   20.11378
  4215178.00 | 38.05077   35.03506   32.76906   30.95059   28.19209   24.64836   22.02184
21.19301   20.17446

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	36.21270	33.44708	31.08459	29.87069	27.89589	24.45555	21.89822	19.91179	19.44227
4215138.00	34.05042	32.36739	29.99453	28.62328	26.92901	24.85504	21.78763	19.77905	18.48776
4215118.00	31.72029	31.23774	28.64395	27.10867	26.24890	24.54208	21.89203	19.47515	17.82423
4215098.00	29.43146	29.88962	27.79461	25.99342	25.30909	23.75886	22.11715	19.44739	17.79608
4215078.00	27.43815	28.34739	27.09085	25.06182	24.10726	23.32832	21.78970	19.72919	17.54239
4215058.00	25.69122	26.65079	26.24602	24.18778	22.76230	22.59413	21.19507	19.83231	17.45981
4215038.00	23.95754	24.87862	25.23031	23.56294	22.10866	21.59683	20.89494	19.49732	17.87327
4215018.00	22.28175	23.23361	24.06006	23.10561	21.22399	20.44733	20.31283	19.04678	17.89403
4214998.00	20.72643	21.99381	22.78356	22.43698	20.82347	19.64103	19.47603	18.86104	17.58146
4214978.00	19.63988	20.80532	21.44644	21.64447	20.37683	18.98466	18.55996	18.39676	17.26343

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00

 4215958.00 | 18.96915   17.05852   15.84324   14.94107   14.19481
 4215938.00 | 18.79644   17.18320   16.01560   15.28105   14.96636
 4215918.00 | 18.70924   17.34809   16.47145   15.99453   15.87896
 4215898.00 | 18.86759   17.82353   17.14997   17.02225   16.19385
 4215878.00 | 19.40215   18.58295   18.32530   17.38190   15.82973
 4215858.00 | 20.23481   19.83693   18.75333   16.97450   15.80986
 4215838.00 | 21.58561   20.34771   18.27824   17.10357   16.61875
 4215818.00 | 22.17862   19.79856   18.75746   18.08121   16.86749
 4215798.00 | 21.66369   20.70499   19.74248   18.21930   16.60379
 4215778.00 | 22.95515   21.63362   19.68381   17.95138   17.22044
 4215758.00 | 23.76918   21.32229   19.69886   19.01578   17.94018
 4215738.00 | 23.40919   22.02996   20.91867   19.34047   17.48406
 4215718.00 | 24.63109   22.87863   20.67267   18.26744   15.93184
 4215698.00 | 24.77341   21.80913   18.80198   16.49216   14.54559
 4215678.00 | 22.66035   19.55580   17.18843   15.59860   14.58609
 4215658.00 | 20.67242   18.78931   17.44212   16.68481   15.97645
 4215638.00 | 21.70342   20.60072   19.33951   18.21872   17.09476
 4215618.00 | 23.65110   21.82915   20.01907   18.30802   16.80542
 4215598.00 | 23.49897   21.39081   19.41955   17.64177   16.01801
 4215578.00 | 22.35742   19.84640   17.66026   15.76836   14.13237
 4215558.00 | 22.20081   20.40719   18.91898   17.67049   16.65697
 4215538.00 | 26.28483   24.25709   22.48948   20.95298   19.58292
 4215518.00 | 27.74248   25.50605   23.56937   21.89436   20.39768
 4215498.00 | 24.92056   23.05008   21.41986   19.99946   18.73169
 4215478.00 | 21.26871   19.50775   17.98109   16.75999   15.72072
 4215458.00 | 19.68746   17.58195   15.78367   14.25607   13.21364
 4215438.00 | 20.50811   18.06774   16.00194   14.20737   12.83047
 4215418.00 | 23.52983   20.78517   18.30701   16.12930   14.14629
 4215398.00 | 23.98872   22.16005   20.22605   18.26677   16.36496
 4215378.00 | 23.16287   21.47542   20.08425   18.85798   17.51731
 4215358.00 | 21.85192   20.46995   19.39797   18.09634   17.07215
 4215338.00 | 20.68100   19.26015   18.29726   17.31592   16.52628
 4215318.00 | 21.87435   19.49030   17.36137   16.33597   15.56675
 4215298.00 | 21.95653   20.04437   18.24753   16.18318   14.81354
 4215278.00 | 21.18381   20.01356   18.33935   17.00536   15.37458
 4215258.00 | 19.42534   19.11743   18.28145   16.97735   15.80032
 4215238.00 | 18.91173   17.64446   17.32755   16.74118   15.73712
 4215218.00 | 18.69875   17.29376   16.14710   15.77363   15.37653
 4215198.00 | 18.02086   17.06714   15.89269   14.84720   14.41467
 4215178.00 | 18.24100   16.43807   15.66014   14.66869   13.72312

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
               L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
               L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
               L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

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

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

 4215158.00 | 18.42374   16.64278   15.12943   14.43318   13.59249

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
                L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
                L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 -
- - - - - - -
        539341.84   4215428.70   125.33120   539351.84   4215428.70   125.60433

        539361.84   4215428.70   126.28831   539371.84   4215428.70   126.27742

        539381.84   4215428.70   125.93555   539341.84   4215438.70   130.15753

        539351.84   4215438.70   130.52449   539361.84   4215438.70   131.41671

        539371.84   4215438.70   131.27342   539381.84   4215438.70   130.14288

        539341.84   4215448.70   134.64067   539351.84   4215448.70   135.10919

        539361.84   4215448.70   136.00406   539371.84   4215448.70   135.68410

        539381.84   4215448.70   134.23031   539341.84   4215458.70   138.47371

        539351.84   4215458.70   139.09419   539361.84   4215458.70   139.62112

        539371.84   4215458.70   139.22549   539381.84   4215458.70   137.71558

        539341.84   4215468.70   141.39330   539351.84   4215468.70   143.24741

        539361.84   4215468.70   144.32494   539371.84   4215468.70   142.15887

        539381.84   4215468.70   140.28861   539113.88   4215517.52   26.69679

        539096.52   4215515.99   23.57070   539108.26   4215501.18   22.37446

        539096.01   4215500.67   20.52732   539108.26   4215486.38   24.55133

        539094.47   4215485.36   22.11569   539135.32   4215461.36   29.13407

        539150.13   4215439.91   49.15707   539114.39   4215452.68   24.39512

539123.07	4215439.40	32.10597	539159.32	4215421.02	60.84619
539145.02	4215416.43	54.95309	539134.30	4215410.81	51.21784
539131.75	4215425.11	45.53944	539206.80	4215383.75	54.66478
539215.99	4215372.52	59.28681	539188.93	4215382.22	52.57785
539176.17	4215379.67	51.47919	539165.44	4215376.09	50.71156
539248.79	4215356.71	71.09895	539243.45	4215348.45	67.07604
539265.58	4215345.25	68.64353	539260.78	4215338.05	65.55817
539256.25	4215351.38	70.56513	539272.77	4215331.92	63.97904
539264.78	4215324.99	60.34825	539280.77	4215321.79	61.81627
539279.97	4215307.14	56.65124	539287.97	4215313.80	59.30941
539297.83	4215304.74	57.60095	539289.56	4215296.21	54.12336
539311.15	4215287.68	55.41210	539303.69	4215281.28	52.29458
539303.69	4215296.21	55.48043	539314.25	4215271.79	52.07023
539329.09	4215260.48	52.62952	539339.69	4215237.16	47.68050
539357.36	4215232.92	47.05717	539394.11	4215199.70	38.35968
539044.99	4215579.21	25.81043	539034.39	4215591.93	24.57182
539054.88	4215556.59	23.75021	539058.42	4215538.92	22.34051
539054.88	4215520.55	19.10764	539082.44	4215477.44	21.28650
539073.96	4215466.13	20.89047	539098.70	4215440.69	21.78390
539109.30	4215426.56	32.41032	539117.07	4215415.96	41.80973
539125.55	4215401.11	48.86503	539158.77	4215367.19	47.19910
539150.29	4215357.30	43.92496	539184.21	4215339.63	43.24505
539222.37	4215324.79	55.03771	539243.58	4215317.72	57.89468

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	39.21310	539364.42	4215191.93	40.06542
539344.64	4215200.41	41.55553	539409.65	4215113.48	27.87898
539355.94	4215136.80	33.65293	539262.66	4215288.75	50.27118
539282.44	4215261.19	45.46718	539299.41	4215235.04	43.05774
538948.91	4216164.24	11.99181	539351.64	4215795.94	42.05675
539171.40	4215646.30	51.88831	539358.95	4215583.01	143.62310
539293.80	4215538.56	143.21306	539260.82	4215517.04	131.98825
539279.41	4215503.60	141.36399	539292.18	4215495.55	143.94660
539318.95	4215487.21	151.79753	539337.11	4215482.84	150.35331
539356.14	4215482.00	156.38531	539369.89	4215483.02	151.66193
539384.66	4215486.57	140.04574	539391.49	4215490.91	143.03512
539342.66	4215571.90	149.22357	539326.38	4215560.79	151.00141
539310.09	4215549.67	157.28448	539277.31	4215527.80	137.22887
539270.11	4215510.32	138.32727	539305.56	4215491.38	147.96402
539384.98	4215509.33	139.69451	539378.47	4215527.75	140.28620
539371.97	4215546.17	140.87423	539365.46	4215564.59	142.48463

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	1.90538	2.15387	2.55479	2.98207	3.27661	3.38862	3.40208	3.38271	3.51611
4215938.00	1.84234	2.01917	2.27024	2.67936	3.14709	3.51641	3.71414	3.72427	3.72715
4215918.00	1.79070	1.93881	2.11500	2.41316	2.82681	3.32684	3.79747		

4.08394 4.09574
4215898.00 | 1.80296 1.89721 2.04343 2.27644 2.55296 2.99554 3.53593
4.11229 4.48782
4215878.00 | 1.78223 1.92420 2.04691 2.16267 2.41450 2.70098 3.19435
3.75559 4.46644
4215858.00 | 1.82039 1.94287 2.04171 2.26895 2.32533 2.55632 2.87644
3.41539 4.00146
4215838.00 | 1.86905 1.94174 2.14226 2.21978 2.41300 2.59430 2.71785
3.07618 3.68392
4215818.00 | 2.00000 2.11178 2.12429 2.23883 2.50725 2.55605 2.90909
2.96269 3.30380
4215798.00 | 2.03506 2.13670 2.31631 2.42893 2.42942 2.66759 2.86389
3.10708 3.38315
4215778.00 | 1.97160 2.17496 2.31809 2.47693 2.70890 2.81964 2.84485
3.20174 3.30973
4215758.00 | 1.87890 2.06208 2.22976 2.50389 2.67309 2.88899 3.21092
3.30973 3.38240
4215738.00 | 1.73568 1.98403 2.16044 2.36733 2.59790 2.89588 3.11802
3.40304 3.82688
4215718.00 | 1.62415 1.70200 1.91112 2.24337 2.48551 2.75138 3.03423
3.40828 3.70481
4215698.00 | 1.55631 1.68759 1.86990 1.99365 2.11582 2.50216 2.91115
3.22080 3.62006
4215678.00 | 1.42016 1.55551 1.69251 1.93674 2.17400 2.35420 2.51716
2.83349 3.34829
4215658.00 | 1.35852 1.46132 1.61270 1.73993 1.93625 2.12813 2.46332
2.77330 3.10698
4215638.00 | 1.37769 1.45740 1.57151 1.70374 1.82194 1.99276 2.24942
2.46925 2.75720
4215618.00 | 1.25908 1.38206 1.52789 1.65873 1.79024 1.91455 2.07303
2.28529 2.57126
4215598.00 | 1.22971 1.31573 1.40326 1.50255 1.63679 1.80449 2.03053
2.25894 2.47452
4215578.00 | 1.14700 1.22107 1.33185 1.45761 1.59575 1.76799 1.95420
2.11347 2.29614
4215558.00 | 1.15524 1.23628 1.32954 1.42871 1.52667 1.64669 1.78123
1.92965 2.14027
4215538.00 | 1.05794 1.13451 1.21770 1.31347 1.41787 1.53541 1.68466
1.87962 2.12842
4215518.00 | 1.04463 1.11187 1.19364 1.29001 1.39670 1.51532 1.65227
1.80930 1.98768
4215498.00 | 1.02526 1.09772 1.18420 1.29345 1.39545 1.52580 1.66612
1.82993 2.01681
4215478.00 | 1.10582 1.19600 1.29324 1.40461 1.53714 1.68446 1.84207
2.02259 2.23352
4215458.00 | 1.14686 1.21830 1.31160 1.41779 1.52148 1.64398 1.77360
1.91658 2.10906
4215438.00 | 1.12280 1.21052 1.30293 1.40413 1.55602 1.73538 1.87060
2.04814 2.26090
4215418.00 | 1.15855 1.26753 1.36271 1.43945 1.52867 1.67646 1.87804
2.04292 2.22994
4215398.00 | 1.15631 1.24013 1.35903 1.47467 1.58219 1.72475 1.93066
2.19882 2.35804
4215378.00 | 1.19978 1.27713 1.37737 1.51838 1.71162 1.83286 1.94488
2.10215 2.31329
4215358.00 | 1.23910 1.38883 1.46749 1.53217 1.64539 1.79037 1.96985
2.21997 2.47751
4215338.00 | 1.22172 1.30393 1.44388 1.58103 1.69535 1.90423 2.09600
2.24506 2.33071
4215318.00 | 1.28896 1.39540 1.49006 1.64314 1.73711 1.80799 1.88029
2.10140 2.32732
4215298.00 | 1.31261 1.41017 1.44296 1.52902 1.55741 1.75171 1.86569
1.97449 2.10884
4215278.00 | 1.21481 1.30479 1.33982 1.48925 1.55637 1.69822 1.80865
1.87511 1.88500
4215258.00 | 1.18246 1.26724 1.34371 1.49020 1.58147 1.62831 1.61900
1.69513 1.81985
4215238.00 | 1.18809 1.30957 1.40118 1.43282 1.43780 1.43266 1.54070
1.62790 1.84343

L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	3.60293	3.78938	4.43124	4.36184	4.41125	4.73399	4.84865	4.85113	5.11181
4215938.00	3.85834	3.94808	4.22434	4.79806	4.78822	4.90190	5.11288	5.30105	5.50603
4215918.00	4.11974	4.25248	4.40326	4.76633	5.20804	5.27344	5.50449	5.66524	5.78308
4215898.00	4.52363	4.57055	4.70187	4.88190	5.38466	5.66889	5.77767	6.15054	6.42897
4215878.00	4.91932	4.99243	5.09169	5.20184	5.47046	6.08567	6.20608	6.40584	6.75763
4215858.00	4.82323	5.38939	5.53320	5.70007	5.75761	6.19625	6.83135	6.92567	7.24339
4215838.00	4.30946	5.18547	5.93078	6.17872	6.41764	6.43693	7.09130	7.66955	7.85804
4215818.00	3.94938	4.67750	5.58901	6.53699	6.93142	7.27319	7.24828	8.19223	8.65946
4215798.00	3.53906	4.19474	5.06866	6.03845	7.24224	7.86785	8.30599	8.32218	9.43865
4215778.00	3.84176	3.91185	4.47108	5.57772	6.60002	8.07191	8.97524	9.57468	9.70650
4215758.00	3.85212	4.10558	4.61792	4.85577	6.14234	7.31066	9.03465	10.23714	11.08922
4215738.00	3.94091	4.13803	4.60344	5.29467	5.45169	6.64959	8.10864	10.10313	11.76751
4215718.00	4.07454	4.59931	4.85238	5.14907	5.71715	6.54148	7.20352	9.23048	11.32083
4215698.00	4.02599	4.50418	4.99927	5.64427	6.01889	6.42734	7.59471	8.13879	10.54442
4215678.00	3.80572	4.31690	4.86010	5.52512	6.22195	7.00599	7.66469	8.42418	9.87769
4215658.00	3.33977	3.84622	4.52808	5.15375	5.95733	6.86348	7.86909	9.10433	9.90318
4215638.00	3.20534	3.65651	4.28970	4.66774	5.37593	6.36088	7.38735	8.80297	10.28390
4215618.00	2.94538	3.30903	3.74377	4.32274	5.09432	6.05261	6.97304	8.06798	9.59634
4215598.00	2.66906	2.93052	3.29572	3.89942	4.58502	5.29181	6.23896	7.55548	9.13442
4215578.00	2.53560	2.86407	3.27219	3.70735	4.14018	4.74484	5.59693	6.62837	8.02343
4215558.00	2.42019	2.75588	3.11091	3.51207	3.97936	4.46720	5.07610	5.92644	7.17068
4215538.00	2.39582	2.66223	2.99719	3.39772	3.85290	4.34948	4.96923	5.72734	6.74258
4215518.00	2.19566	2.43631	2.73118	3.10036	3.56284	4.08027	4.64971	5.39408	6.39029
4215498.00	2.25051	2.53760	2.87857	3.26090	3.71264	4.25889	4.88233	5.64811	6.57799
4215478.00	2.45175	2.71488	3.01615	3.36241	3.75736	4.27006	4.88536	5.71423	6.59439
4215458.00	2.40996	2.71004	3.06741	3.43428	3.85587	4.49269	5.36688	6.42324	7.47289
4215438.00	2.43568	2.69824	3.12357	3.61330	4.08365	4.68855	5.43759	6.06506	6.98114

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  4215418.00 |       2.53827      2.92267      3.17821      3.60626      4.00726      4.53445      5.22167
6.19838      7.48768
  4215398.00 |       2.58066      2.80058      3.14399      3.58729      4.05591      4.76842      5.34336
6.08669      7.00085
  4215378.00 |       2.60599      2.96352      3.26081      3.72114      3.91495      4.54657      5.04975
5.40445      5.52974
  4215358.00 |       2.69327      2.93235      3.07049      3.56141      3.78422      4.08116      4.18295
4.68006      5.31166
  4215338.00 |       2.52930      2.86158      2.96206      3.04562      3.26121      3.59733      3.93075
4.63152      5.32485
  4215318.00 |       2.34514      2.48365      2.65968      2.79950      3.08933      3.49664      4.10272
4.52971      5.13844
  4215298.00 |       2.19646      2.26725      2.46742      2.71862      3.14783      3.48752      3.88312
4.43108      5.20521
  4215278.00 |       2.03337      2.15437      2.46628      2.75183      3.07986      3.37509      3.86170
4.41525      5.31501
  4215258.00 |       1.98514      2.25304      2.44618      2.68466      2.90788      3.37477      3.77242
4.54064      5.20295
  4215238.00 |       2.00968      2.19084      2.34909      2.52088      2.93104      3.28531      3.88810
4.32420      4.80743
  4215218.00 |       1.95387      2.10561      2.26182      2.54189      2.88030      3.34692      3.69260
4.17567      4.43652
  4215198.00 |       1.90828      2.05519      2.22665      2.47502      2.94798      3.25636      3.65627
3.87341      4.16016
  4215178.00 |       1.87037      1.98505      2.17541      2.61360      2.90115      3.20787      3.40795
3.66446      3.97101
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 315
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                              INCLUDING SOURCE(S):     L0001255    , L0001256    , L0001257    , L0001258    ,
L0001259    ,
               L0001260    , L0001261    , L0001262    , L0001263    , L0001264    , L0001265    , L0001266    ,
L0001267    ,
               L0001268    , L0001269    , L0001270    , L0001271    , L0001272    , L0001273    , L0001274    ,
L0001275    ,
               L0001276    , L0001277    , L0001278    , L0001279    , L0001280    , L0001281    , L0001282    ,
. . .       ,

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

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       1.78255      1.95817      2.33245      2.61556      2.77631      3.01373      3.23595
3.42259      3.70673
  4215138.00 |       1.77664      2.09506      2.34234      2.49513      2.71200      2.88810      3.05566
3.25560      3.58571
  4215118.00 |       1.89631      2.11800      2.25118      2.43233      2.58815      2.71773      2.86629
3.11784      3.48691
  4215098.00 |       1.93811      2.05911      2.18911      2.33189      2.46903      2.59833      2.79857
3.07269      3.53941
  4215078.00 |       1.89218      1.98997      2.10777      2.24869      2.38853      2.40215      2.65810
2.97044      3.54104
  4215058.00 |       1.81709      1.91034      2.04506      2.13370      2.14513      2.43584      2.64933
3.06122      3.49271
  4215038.00 |       1.75105      1.86451      1.91868      1.98237      2.15569      2.33651      2.57582
3.01244      3.56418
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	5.11311	5.40026	5.73895	5.99313	6.35772	7.01616	7.40585	7.85685	8.32564
4215938.00	5.49769	5.76703	6.18207	6.33691	6.67357	7.47420	7.95313	8.26512	8.89064
4215918.00	6.11473	6.00822	6.49365	6.80658	7.18544	8.00862	8.47107	9.46289	9.60268
4215898.00	6.62730	6.67202	6.91016	7.42728	7.57261	8.33930	9.05514	10.31534	10.68726
4215878.00	7.11610	7.41250	7.20541	7.97073	8.27025	8.90423	9.89087	10.97163	11.81975
4215858.00	7.62367	8.03225	8.21800	8.38443	9.12258	9.41987	10.79147	11.72109	12.93084
4215838.00	8.24229	8.81632	9.19784	8.97266	10.10255	10.15753	11.69479	12.25240	14.13217
4215818.00	8.91444	9.23565	9.99271	10.32345	10.63582	11.43550	12.42140	13.84525	15.70064
4215798.00	9.86326	10.14647	10.75689	11.82401	11.54867	13.34824	13.15380	15.20266	17.08640
4215778.00	10.86494	11.13561	11.71814	12.75125	13.19454	13.83470	14.94870	16.64748	18.57006
4215758.00	11.32320	12.61112	12.77705	13.84973	15.32447	15.71262	17.85283	18.48108	20.51333
4215738.00	12.85193	13.31137	14.75915	14.98032	16.78861	18.00313	18.63616	20.38621	23.08029
4215718.00	13.63528	15.05799	16.03176	17.26798	18.11228	20.61705	21.81877	24.99970	25.98152
4215698.00	12.86234	15.73690	17.82747	19.77897	20.55161	22.31965	25.25061	26.89939	30.92470
4215678.00	11.65557	14.98488	18.48325	21.43699	24.06182	24.87889	28.26700	31.20999	36.08005
4215658.00	11.93742	13.49591	17.56486	22.11704	26.33462	29.78927	31.41641	36.89893	40.93970
4215638.00	12.36109	13.57435	16.89762	21.18761	26.99605	33.17005	38.08386	41.21823	49.21735

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  4215618.00 |      11.89542     14.37204     17.14227     20.61192     26.08927     34.38977     44.30016
50.41327     57.87826
  4215598.00 |      10.99114     13.07314     16.89618     21.54476     25.60763     33.70644     44.84922
60.03795     69.96370
  4215578.00 |       9.82489     12.07712     15.47132     19.84275     26.44365     33.70417     46.19340
63.74245     84.64742
  4215558.00 |       8.68781     10.91906     13.72587     17.13515     23.43838     31.77330     45.75118
68.18348     98.51691
  4215538.00 |       8.06151      9.78549     12.17416     15.33002     20.10410     28.18390     41.16409
65.93048    107.89371
  4215518.00 |       7.65702      9.36803     11.77282     15.07112     19.71541     26.47492     38.66310
63.13849    111.91812
  4215498.00 |       7.83426      9.65597     12.48507     16.26421     20.95258     29.22435     40.96336
65.89553     99.80469
  4215478.00 |       8.16520     10.29514     13.03903     16.82511     21.22086     28.06378     39.36471
54.98740     80.55163
  4215458.00 |       8.72997     10.12045     12.35525     16.46156     21.31517     25.73776     31.85129
45.55754     65.48077
  4215438.00 |       8.52581     10.64650     13.12673     15.23937     16.38066     21.12084     29.78708
39.13910     55.23378
  4215418.00 |       8.58380      9.75501     10.65395     12.23497     15.40281     20.17491     27.27614
36.25825     47.19389
  4215398.00 |       7.46530      8.02602      9.63301     11.79798     14.92881     20.24847     23.87461
33.05390     40.04524
  4215378.00 |       6.44719      7.87348      9.43273     11.69907     15.63385     17.76166     22.26297
27.04711     35.36141
  4215358.00 |       6.43962      7.56848      9.14975     11.89267     13.70289     15.49104     19.34519
25.82513     30.29894
  4215338.00 |       6.20378      7.46013      9.16757     10.82583     11.84596     15.14415     18.21279
24.31812     26.54741
  4215318.00 |       6.21800      7.43988      8.85280      9.30699     11.04236     13.25824     17.99596
21.58536     23.75900
  4215298.00 |       6.23531      7.35239      7.66763      8.81230     10.14646     12.95069     17.66693
18.39952     21.47696
  4215278.00 |       6.18401      6.50519      7.20062      8.11058      9.84218     12.95745     16.16669
16.59650     18.62776
  4215258.00 |       5.57045      6.07388      6.88630      7.56377      9.72152     13.41759     14.21140
15.41905     17.08203
  4215238.00 |       5.17354      5.74658      6.20719      7.42462      9.96008     12.96059     12.02216
14.55780     15.38416
  4215218.00 |       4.83316      5.25057      6.04310      7.47167     10.58657     11.94981     11.29731
12.89535     13.79278
  4215198.00 |       4.63620      5.07836      5.88622      7.70369     10.26484      9.78864     10.54191
11.74227     12.28183
  4215178.00 |       4.24403      4.89894      5.96511      8.26326      9.71074      8.47830     10.25729
10.97738     11.29240
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 317
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):     L0001255    , L0001256    , L0001257    , L0001258    ,
L0001259    ,
               L0001260    , L0001261    , L0001262    , L0001263    , L0001264    , L0001265    , L0001266    ,
L0001267    ,
               L0001268    , L0001269    , L0001270    , L0001271    , L0001272    , L0001273    , L0001274    ,
L0001275    ,
               L0001276    , L0001277    , L0001278    , L0001279    , L0001280    , L0001281    , L0001282    ,
. . .       ,

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

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **
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```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       4.21254      4.85720      6.18151      8.10714      8.08433      8.17801     10.01221
10.15425     10.39802
  4215138.00 |       4.15505      4.88825      6.53291      7.91981      6.92938      7.80992      8.81187
9.50859      9.59821
  4215118.00 |       4.11912      5.10163      6.49715      6.47665      6.42529      7.71745      8.70098
8.85694      9.22550
  4215098.00 |       4.11175      5.25821      6.35726      5.84763      6.05975      7.52021      8.26159
8.07217      8.64184
  4215078.00 |       4.22441      5.24307      5.48166      5.43060      5.92903      6.59171      7.63395
7.30010      8.07969
  4215058.00 |       4.36198      5.12067      4.98689      5.10105      5.87849      6.52436      6.88664
7.08830      7.44631
  4215038.00 |       4.28922      4.67135      4.65990      4.82442      5.82800      6.50335      6.18042
6.45673      6.91666
  4215018.00 |       4.10646      4.29603      4.44939      4.61154      5.16466      6.22894      5.71372
5.93160      6.42671
  4214998.00 |       4.01595      3.87578      4.21307      4.60487      4.96252      5.71066      5.26375
5.59001      5.89267
  4214978.00 |       3.71567      3.85091      4.00586      4.61051      4.96861      5.08494      5.09653
5.31360      5.34049
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 318
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                              INCLUDING SOURCE(S):     L0001255    , L0001256    , L0001257    , L0001258    ,
L0001259    ,
               L0001260    , L0001261    , L0001262    , L0001263    , L0001264    , L0001265    , L0001266    ,
L0001267    ,
               L0001268    , L0001269    , L0001270    , L0001271    , L0001272    , L0001273    , L0001274    ,
L0001275    ,
               L0001276    , L0001277    , L0001278    , L0001279    , L0001280    , L0001281    , L0001282    ,
. . .       ,

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

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       8.41647      9.27896     11.08384     11.54053     11.85426     11.50586     11.82909
11.82037     11.34995
  4215938.00 |       9.38552     10.02186     11.91090     12.57229     12.72171     12.37227     12.66746
12.63898     12.21380
  4215918.00 |      10.47630     10.73196     12.83704     13.73326     13.70683     13.41782     13.93987
13.55437     13.50403
  4215898.00 |      11.52783     11.47966     13.99791     14.96311     14.83056     14.82165     15.11869
14.40227     14.03172
  4215878.00 |      12.87856     12.33620     15.19681     16.36304     16.11971     16.19380     16.24598
15.51641     15.23078
  4215858.00 |      13.98849     13.69022     16.48588     17.96563     17.70909     17.69306     17.36472
16.94300     16.75533
  4215838.00 |      15.06968     14.99052     17.93759     19.76309     19.63978     19.32412     18.97451
18.90660     18.36749
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  4215818.00 |      16.22845     16.82695     19.61839     21.85712     21.96069     21.55707     20.72800
20.67207     20.32801
  4215798.00 |      18.47209     19.50975     21.78823     24.35254     24.36801     23.97421     22.84163
22.42553     23.50232
  4215778.00 |      21.21404     22.71157     24.14922     27.16307     26.92625     26.57522     25.49329
25.25312     26.73151
  4215758.00 |      23.21486     26.38516     27.19286     30.52484     31.08811     29.52861     29.29374
29.42810     30.87679
  4215738.00 |      25.80967     29.50939     31.79139     34.71135     35.70731     32.94127     33.67405
34.04809     35.38672
  4215718.00 |      29.44871     34.34298     36.20421     39.79989     41.32445     37.99343     38.20637
40.16044     38.58245
  4215698.00 |      35.73273     39.44197     42.56242     46.06669     48.23196     45.16744     45.70331
46.93021     41.60586
  4215678.00 |      39.78306     43.92561     51.62878     53.91409     56.28837     55.30645     54.55601
52.42378     45.92497
  4215658.00 |      48.14618     53.09972     63.70883     64.61637     67.80087     67.60009     66.36018
58.71272     48.71132
  4215638.00 |      58.70710     66.20598     77.93971     80.71546     84.71242     83.42826     78.50018
65.30232     48.75999
  4215618.00 |      69.02173     82.48001     95.11491    103.68796    107.19732    102.34330     89.09192
68.21121     48.79544
  4215598.00 |      85.49491    103.92380    114.74001    125.29928    129.53051    116.76330     97.25892
67.67616     48.91579
  4215578.00 |     104.34463    120.40267    133.20828    138.07257    139.44905    125.03138     99.44648
69.55012     49.96421
  4215558.00 |     120.55227    135.48186    137.52362    138.53655    137.91425    130.14640    100.06052
72.47910     51.32254
  4215538.00 |     129.45997    131.74134    135.88839    137.72023    135.05956    128.95654    106.11010
69.57910     49.47140
  4215518.00 |     120.71523    129.45799    134.33696    136.24084    133.57799    128.67249    103.50859
68.33481     48.11790
  4215498.00 |     124.96485    130.04880    131.77926    134.22327    134.84433    126.50831    106.60322
67.94410     45.54293
  4215478.00 |     108.62635    128.05349    137.10815    137.95791    137.81119    134.20690    108.31170
65.01721     44.71015
  4215458.00 |      88.42373    106.06086    119.57051    125.06914    125.52786    116.49150     96.86084
67.43994     45.29899
  4215438.00 |      72.04208     85.14154    100.67601    104.64562    106.34008     95.60588     83.93806
61.19026     44.06314
  4215418.00 |      58.45243     69.91489     79.69771     85.27892     82.99680     76.98826     70.12059
56.48390     41.18304
  4215398.00 |      47.32679     55.00613     63.07352     65.14033     64.34883     58.87628     57.84069
52.74499     39.18823
  4215378.00 |      41.28289     46.81638     51.21177     51.78343     51.66006     48.45827     47.37707
46.89626     39.71172
  4215358.00 |      36.18366     38.13991     43.04863     42.50796     43.19292     40.93076     38.58689
40.35198     36.19721
  4215338.00 |      31.38166     32.03201     35.84832     34.73034     36.02236     34.48034     32.79698
33.05892     34.28592
  4215318.00 |      27.17691     27.77191     30.77828     28.45715     30.67537     28.52035     29.07102
26.88340     29.07065
  4215298.00 |      22.71626     23.66793     26.23815     23.72426     26.92304     24.91239     25.08881
23.87084     24.24802
  4215278.00 |      19.44907     20.61113     22.21422     20.54652     23.24760     22.70722     21.62361
20.30635     19.95448
  4215258.00 |      17.95475     18.48098     19.35302     18.16894     20.70466     19.80285     19.29856
18.96523     17.22612
  4215238.00 |      16.05375     16.75925     16.79341     16.15264     18.28819     17.81747     17.20083
16.84734     16.02089
  4215218.00 |      14.74076     15.25980     14.79699     14.39795     15.97586     15.64944     15.64199
15.44910     14.44868
  4215198.00 |      13.70312     13.84943     13.08083     12.81045     13.92765     13.37736     13.72604
13.90583     13.17527
  4215178.00 |      12.34082     12.84944     11.66099     11.46998     12.00709     12.11406     12.20308
12.56016     12.44208
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
```

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	11.21066	11.91039	10.41377	10.50415	10.44395	11.29627	11.31629	11.44509	11.38541
4215138.00	10.23060	10.70683	9.30136	9.65699	9.50881	10.42464	10.54256	10.58047	10.45258
4215118.00	9.30874	9.57735	8.43599	8.94144	8.87382	9.66469	9.31430	9.68479	9.85484
4215098.00	8.51121	8.36721	7.73244	8.29868	8.44031	8.84893	8.41761	8.85699	8.95119
4215078.00	7.89009	7.43224	7.11134	7.61733	7.89203	8.26104	7.75019	7.97771	8.37464
4215058.00	7.30474	6.65523	6.60984	7.05045	7.33378	7.71052	7.29484	7.56724	7.60564
4215038.00	6.76360	6.04870	6.07678	6.61955	6.86861	7.06712	6.99169	7.04021	6.87899
4215018.00	6.20124	5.53150	5.58841	6.24046	6.46206	6.55180	6.67694	6.55317	6.39346
4214998.00	5.75472	5.07502	5.20566	5.95150	6.11140	6.18661	6.21827	6.13237	5.93758
4214978.00	5.35488	4.67742	4.92461	5.60305	5.79129	5.87396	5.65953	5.73016	5.69664

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	10.70662	11.26210	10.92440	11.56982	12.03160	12.28220	11.67618	10.42377	9.97638
4215938.00	11.88403	11.86964	12.43772	12.54548	13.17820	12.86753	11.60066	11.12336	10.12045
4215918.00	13.02679	12.78686	13.62670	14.04814	14.10825	13.24637	12.11226	11.04842	10.29014
4215898.00	14.13419	14.45034	14.65902	15.44450	14.85105	13.25970	12.57364	11.34029	10.47327
4215878.00	15.28172	16.13501	16.80860	16.53571	15.13617	14.20181	12.91367	11.76324	9.63661
4215858.00	16.93277	17.41129	18.37003	17.42221	15.84132	14.49562	13.18731	11.09667	9.11948
4215838.00	19.40552	20.43180	19.48964	17.76481	16.64805	14.89122	13.15151	10.42412	8.94005
4215818.00	21.26532	22.17341	20.95969	18.94571	17.18008	15.42395	12.08424	10.17071	8.75760
4215798.00	24.75501	23.45986	21.44000	19.90044	17.78223	14.15831	11.72936	10.01868	8.13499
4215778.00	27.57524	25.27095	23.64984	20.80862	17.07692	13.89788	11.70283	9.27482	8.28145
4215758.00	29.28199	26.85272	23.90963	20.82755	16.67212	13.72044	10.66235	9.45137	8.61026
4215738.00	31.37467	28.89605	25.49111	19.79927	16.12203	12.45149	10.90300	9.99653	8.84057
4215718.00	35.24679	30.55445	23.94552	19.40668	14.90092	12.76080	11.66680	9.89778	8.54583
4215698.00	37.00855	29.93337	23.65274	18.04975	15.08899	13.41802	11.33949	9.99049	8.53752
4215678.00	38.68598	29.77286	21.86387	18.65391	15.77670	13.48739	11.25659	9.83424	9.05387
4215658.00	37.68989	27.36607	22.84083	18.65633	15.79354	13.68713	12.01591	10.62296	9.35305
4215638.00	36.11733	28.41827	23.18726	19.50544	16.59558	14.23543	12.09153	10.63042	9.33751
4215618.00	36.66977	28.67852	24.80032	20.04710	16.55988	14.19543	11.90465	10.04259	8.88370
4215598.00	38.41755	29.59788	24.07646	19.68246	16.01005	13.28365	11.96090	10.83534	9.85969
4215578.00	37.81361	29.55728	22.49689	20.05623	18.20507	15.66292	13.36803	11.44161	10.09115
4215558.00	39.84681	32.33281	25.54330	20.79774	17.47927	15.12766	13.17171	11.18983	9.66518
4215538.00	37.62846	29.54549	23.97486	19.02532	15.66736	13.42463	11.60019	10.22537	8.95835
4215518.00	36.65332	28.63378	22.92538	18.75570	15.60782	13.07949	11.00369	9.49697	8.30933
4215498.00	33.85803	26.69681	21.71416	17.77023	14.69899	12.60588	10.93671	9.65632	8.56159
4215478.00	32.76800	25.84067	20.69272	16.77741	14.13020	12.27795	10.64342	9.32121	8.31275
4215458.00	32.01345	24.94033	19.70868	16.32433	13.63840	11.87847	10.43464	9.12493	8.08110
4215438.00	33.05117	24.68374	19.56034	15.89711	13.53893	11.55862	9.91629	8.49315	7.75005
4215418.00	31.63313	24.50891	18.98207	15.87330	13.17056	11.13564	9.74194	8.54117	7.30414
4215398.00	30.18651	23.95117	18.94105	15.13489	12.98352	10.96714	9.46693	8.28094	7.36551
4215378.00	27.88435	23.08572	18.69892	15.39877	12.49434	10.77705	9.31253	8.06411	7.15508
4215358.00	29.45990	21.19528	18.20013	15.07332	12.88993	10.42765	9.36023	7.99141	7.23459
4215338.00	27.66305	22.30393	16.72828	14.68598	12.23687	10.94578	9.02205		

8.04191   7.05786
  4215318.00 | 27.19488   22.41687   17.34416   13.57785   12.00653   10.14390   9.48193
7.93539   6.79361
  4215298.00 | 25.22568   21.69770   18.07021   14.14176   11.38570   9.94868   8.63643
8.21195   6.96735
  4215278.00 | 22.60007   20.63359   17.30594   14.62661   11.70448   9.72485   8.54322
7.49640   7.14947
  4215258.00 | 18.87363   19.40426   17.32786   14.36912   11.92222   9.80686   8.27663
7.52255   6.61634
  4215238.00 | 15.83636   17.84335   16.10247   14.27171   11.87561   10.00219   8.24847
7.21074   6.67426
  4215218.00 | 13.87463   15.22151   15.32968   14.25994   12.02230   10.14685   8.71162
7.06811   6.34449
  4215198.00 | 12.47815   12.96118   14.37038   12.98701   12.00969   9.98269   8.64357
7.47179   6.29950
  4215178.00 | 11.66733   11.27632   12.41001   12.36329   11.72260   10.21941   8.60612
7.45020   6.38730

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                              INCLUDING SOURCE(S):   L0001255   , L0001256   , L0001257   , L0001258   ,
L0001259   ,
                L0001260   , L0001261   , L0001262   , L0001263   , L0001264   , L0001265   , L0001266   ,
L0001267   ,
                L0001268   , L0001269   , L0001270   , L0001271   , L0001272   , L0001273   , L0001274   ,
L0001275   ,
                L0001276   , L0001277   , L0001278   , L0001279   , L0001280   , L0001281   , L0001282   ,
. . .   ,

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

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 10.89730   10.34970   10.87121   11.53212   10.74459   10.30237   8.63978
7.20658   6.51790
  4215138.00 | 9.81092   9.52749   9.58405   10.33164   10.26538   9.84884   8.79923
7.52920   6.26370
  4215118.00 | 9.03851   9.07939   8.67284   9.36069   9.34644   9.29595   8.97374
7.69074   6.59399
  4215098.00 | 8.71818   8.41526   8.00816   8.33056   8.85071   8.79874   8.43052
7.70705   6.64428
  4215078.00 | 7.88043   7.64446   7.58566   7.44979   7.89442   7.82730   8.14273
7.91781   6.91018
  4215058.00 | 7.50719   7.14946   7.22873   6.99745   7.31865   7.64905   7.58971
7.29947   6.85732
  4215038.00 | 7.18480   6.79257   6.65488   6.38914   6.57399   6.92551   6.64954
7.11638   6.90575
  4215018.00 | 6.80361   6.10939   5.97501   6.22825   6.07395   6.44435   6.55713
6.55187   6.47455
  4214998.00 | 6.23320   5.82801   5.78516   5.88410   5.69807   5.87330   6.07366
5.80013   6.22550
  4214978.00 | 5.77638   5.69417   5.56114   5.36153   5.35432   5.40229   5.61319
5.66398   5.71119

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	9.01117	8.46317	7.02584	5.79463	5.22174
4215938.00	9.23622	7.90942	6.57770	5.70745	5.21583
4215918.00	8.94638	7.42823	6.31412	5.83956	5.05332
4215898.00	8.46099	6.96496	6.48757	5.57244	4.70919
4215878.00	7.87392	7.19373	6.21003	5.19103	4.84867
4215858.00	8.00514	6.94110	5.75492	5.34877	4.73741
4215838.00	7.76027	6.40401	5.92813	5.22889	5.04986
4215818.00	7.18336	6.58224	5.81172	5.68158	5.12303
4215798.00	7.34599	6.56577	6.28650	5.51968	4.89112
4215778.00	7.57604	7.00983	6.02825	5.35661	4.79194
4215758.00	7.89968	6.64585	5.86855	5.48731	4.85890
4215738.00	7.40548	6.74063	6.00856	5.41474	4.91912
4215718.00	7.52926	6.65841	6.13622	5.57875	5.40638
4215698.00	7.56708	6.93310	6.60179	6.00658	5.17537
4215678.00	8.27204	7.40746	6.35688	5.98831	5.38132
4215658.00	8.03225	7.42562	6.47373	5.76990	5.32190
4215638.00	7.98640	7.13862	6.40070	5.96866	5.69247
4215618.00	8.22227	7.67760	7.10725	6.46674	5.77711
4215598.00	8.99347	8.09959	7.16590	6.31764	5.74491
4215578.00	9.13489	8.31332	7.44270	6.60696	5.89602
4215558.00	8.33530	7.43706	6.70736	6.03880	5.42401
4215538.00	7.92032	7.06439	6.29423	5.63003	5.06805
4215518.00	7.33398	6.53619	5.86351	5.27399	4.77892
4215498.00	7.49324	6.69923	6.00855	5.35053	4.81158
4215478.00	7.45168	6.62241	5.94152	5.35137	4.84971
4215458.00	7.21951	6.30061	5.63689	5.12561	4.66211
4215438.00	6.95034	6.36309	5.72833	5.21823	4.70588
4215418.00	6.70768	6.00435	5.41678	4.92894	4.54660
4215398.00	6.62725	5.59867	5.17140	4.81325	4.47697
4215378.00	6.46460	5.79760	5.24617	4.56201	4.12475
4215358.00	6.23815	5.71059	5.17228	4.69850	4.26333
4215338.00	6.25969	5.69588	5.01540	4.66282	4.19652
4215318.00	6.32739	5.55657	5.08182	4.56026	4.14076
4215298.00	5.88915	5.57631	4.99317	4.56056	4.07290
4215278.00	6.13485	5.26219	4.89843	4.50754	4.09222
4215258.00	6.18884	5.24436	4.72489	4.35387	4.07344
4215238.00	5.88979	5.46090	4.65089	4.21004	3.93285
4215218.00	5.91918	5.27419	4.92626	4.20804	3.73949
4215198.00	5.60530	5.28060	4.74960	4.46958	3.81207
4215178.00	5.54590	4.96477	4.76944	4.29659	4.05258

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	5.58842	4.95548	4.42697	4.32064	3.91767
4215138.00	5.88480	4.84429	4.50255	3.99195	3.93347
4215118.00	5.63159	5.23700	4.35181	4.10307	3.64524
4215098.00	5.42951	5.02315	4.66668	3.90958	3.72096
4215078.00	5.93368	4.74094	4.55044	4.06646	3.55752
4215058.00	5.95880	5.14265	4.33451	4.17876	3.62594
4215038.00	6.05532	5.34185	4.31478	3.96243	3.79414
4215018.00	6.17860	5.41806	4.67787	3.79465	3.70025
4214998.00	6.07316	5.39028	4.85980	4.09442	3.47100
4214978.00	5.83172	5.62426	4.95770	4.37128	3.54060

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	95.30535	539351.84	4215428.70	97.67882
539361.84	4215428.70	95.20815	539371.84	4215428.70	91.00160
539381.84	4215428.70	88.31772	539341.84	4215438.70	104.95582
539351.84	4215438.70	107.71390	539361.84	4215438.70	107.06482
539371.84	4215438.70	103.41756	539381.84	4215438.70	97.95111

539341.84	4215448.70	115.25936	539351.84	4215448.70	116.67762
539361.84	4215448.70	116.90684	539371.84	4215448.70	114.07606
539381.84	4215448.70	108.29022	539341.84	4215458.70	125.41824
539351.84	4215458.70	126.51042	539361.84	4215458.70	125.96189
539371.84	4215458.70	123.43597	539381.84	4215458.70	118.11076
539341.84	4215468.70	134.08854	539351.84	4215468.70	134.37336
539361.84	4215468.70	135.13101	539371.84	4215468.70	133.05347
539381.84	4215468.70	127.76212	539113.88	4215517.52	8.44817
539096.52	4215515.99	7.16069	539108.26	4215501.18	8.18378
539096.01	4215500.67	7.27194	539108.26	4215486.38	8.28146
539094.47	4215485.36	7.40137	539135.32	4215461.36	11.25925
539150.13	4215439.91	13.87345	539114.39	4215452.68	9.03005
539123.07	4215439.40	10.40850	539159.32	4215421.02	12.02488
539145.02	4215416.43	10.43670	539134.30	4215410.81	9.38074
539131.75	4215425.11	11.00382	539206.80	4215383.75	18.62085
539215.99	4215372.52	19.51343	539188.93	4215382.22	16.51637
539176.17	4215379.67	13.59216	539165.44	4215376.09	12.06012
539248.79	4215356.71	27.37709	539243.45	4215348.45	24.77300
539265.58	4215345.25	28.07158	539260.78	4215338.05	26.15631
539256.25	4215351.38	28.30840	539272.77	4215331.92	27.82436
539264.78	4215324.99	24.79614	539280.77	4215321.79	27.49293
539279.97	4215307.14	25.05941	539287.97	4215313.80	26.06526
539297.83	4215304.74	24.76187	539289.56	4215296.21	22.52908
539311.15	4215287.68	23.48196	539303.69	4215281.28	21.10818
539303.69	4215296.21	23.40410	539314.25	4215271.79	21.92970
539329.09	4215260.48	18.59112	539339.69	4215237.16	16.38387
539357.36	4215232.92	16.49366	539394.11	4215199.70	14.12375
539044.99	4215579.21	5.62116	539034.39	4215591.93	5.66375
539054.88	4215556.59	5.48692	539058.42	4215538.92	5.49295
539054.88	4215520.55	5.07945	539082.44	4215477.44	6.51969
539073.96	4215466.13	6.72795	539098.70	4215440.69	7.96299
539109.30	4215426.56	9.54412	539117.07	4215415.96	9.30425
539125.55	4215401.11	8.13614	539158.77	4215367.19	11.15774
539150.29	4215357.30	10.12860	539184.21	4215339.63	11.90750

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001255 , L0001256 , L0001257 , L0001258 , L0001259 ,
L0001260 , L0001261 , L0001262 , L0001263 , L0001264 , L0001265 , L0001266 , L0001267 ,
L0001268 , L0001269 , L0001270 , L0001271 , L0001272 , L0001273 , L0001274 , L0001275 ,
L0001276 , L0001277 , L0001278 , L0001279 , L0001280 , L0001281 , L0001282 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	14.32718	539364.42	4215191.93	13.44132
539344.64	4215200.41	13.00307	539409.65	4215113.48	9.42615
539355.94	4215136.80	9.67402	539262.66	4215288.75	20.09991
539282.44	4215261.19	17.84248	539299.41	4215235.04	16.09753
538948.91	4216164.24	2.42582	539351.64	4215795.94	25.18404
539171.40	4215646.30	23.85861	539358.95	4215583.01	137.45950
539293.80	4215538.56	133.72801	539260.82	4215517.04	103.81997
539279.41	4215503.60	118.75643	539292.18	4215495.55	125.01040
539318.95	4215487.21	135.39279	539337.11	4215482.84	137.66543
539356.14	4215482.00	138.61211	539369.89	4215483.02	137.85900
539384.66	4215486.57	128.15748	539391.49	4215490.91	128.08976
539342.66	4215571.90	138.90876	539326.38	4215560.79	137.77397
539310.09	4215549.67	136.83134	539277.31	4215527.80	124.16892
539270.11	4215510.32	117.84294	539305.56	4215491.38	132.08663
539384.98	4215509.33	125.79085	539378.47	4215527.75	130.22230
539371.97	4215546.17	135.19685	539365.46	4215564.59	138.08905

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP:

TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00125	0.00124	0.00120	0.00115	0.00111	0.00108	0.00106	0.00102	0.00099
4215938.00	0.00115	0.00114	0.00110	0.00109	0.00105	0.00103	0.00103	0.00097	0.00095
4215918.00	0.00106	0.00105	0.00102	0.00102	0.00100	0.00096	0.00095	0.00095	0.00090
4215898.00	0.00102	0.00097	0.00100	0.00096	0.00096	0.00092	0.00088	0.00089	0.00088
4215878.00	0.00095	0.00092	0.00092	0.00095	0.00091	0.00088	0.00083	0.00083	0.00083
4215858.00	0.00089	0.00088	0.00086	0.00089	0.00088	0.00084	0.00080	0.00077	0.00078
4215838.00	0.00086	0.00084	0.00082	0.00083	0.00084	0.00080	0.00077	0.00074	0.00073
4215818.00	0.00082	0.00081	0.00078	0.00078	0.00079	0.00077	0.00075	0.00071	0.00069
4215798.00	0.00077	0.00076	0.00076	0.00074	0.00074	0.00074	0.00072	0.00068	0.00066
4215778.00	0.00074	0.00073	0.00073	0.00070	0.00069	0.00071	0.00069	0.00065	0.00063
4215758.00	0.00071	0.00069	0.00069	0.00068	0.00066	0.00066	0.00066	0.00062	0.00059
4215738.00	0.00068	0.00066	0.00065	0.00064	0.00063	0.00062	0.00063	0.00059	0.00056
4215718.00	0.00065	0.00063	0.00062	0.00061	0.00060	0.00059	0.00060	0.00057	0.00053
4215698.00	0.00062	0.00061	0.00058	0.00060	0.00058	0.00056	0.00057	0.00055	0.00052
4215678.00	0.00058	0.00058	0.00055	0.00056	0.00056	0.00053	0.00054	0.00054	0.00050
4215658.00	0.00055	0.00056	0.00053	0.00053	0.00053	0.00052	0.00052	0.00052	0.00049
4215638.00	0.00053	0.00053	0.00051	0.00051	0.00051	0.00050	0.00051	0.00050	0.00048
4215618.00	0.00050	0.00051	0.00049	0.00048	0.00049	0.00049	0.00048	0.00048	0.00046
4215598.00	0.00048	0.00048	0.00047	0.00045	0.00046	0.00047	0.00045	0.00046	0.00045
4215578.00	0.00045	0.00046	0.00045	0.00042	0.00043	0.00045	0.00043	0.00044	0.00043
4215558.00	0.00043	0.00044	0.00043	0.00039	0.00041	0.00043	0.00042	0.00042	0.00041
4215538.00	0.00041	0.00042	0.00041	0.00038	0.00039	0.00041	0.00041	0.00040	0.00040
4215518.00	0.00039	0.00041	0.00039	0.00036	0.00037	0.00039	0.00040	0.00039	0.00038
4215498.00	0.00037	0.00038	0.00036	0.00034	0.00035	0.00037	0.00039	0.00038	0.00037
4215478.00	0.00035	0.00036	0.00035	0.00033	0.00033	0.00035	0.00037	0.00037	0.00036
4215458.00	0.00034	0.00034	0.00033	0.00032	0.00032	0.00033	0.00036	0.00036	0.00035
4215438.00	0.00032	0.00032	0.00031	0.00030	0.00031	0.00031	0.00034	0.00035	0.00034

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215418.00	0.00031	0.00031	0.00030	0.00029	0.00030	0.00030	0.00033	0.00034	0.00032
4215398.00	0.00029	0.00030	0.00029	0.00028	0.00029	0.00029	0.00031	0.00032	0.00031
4215378.00	0.00028	0.00028	0.00027	0.00027	0.00027	0.00028	0.00030	0.00031	0.00030
4215358.00	0.00027	0.00027	0.00026	0.00026	0.00026	0.00027	0.00029	0.00029	0.00029
4215338.00	0.00026	0.00026	0.00025	0.00025	0.00025	0.00026	0.00027	0.00028	0.00028
4215318.00	0.00024	0.00024	0.00024	0.00024	0.00024	0.00026	0.00026	0.00027	0.00027
4215298.00	0.00023	0.00023	0.00023	0.00023	0.00022	0.00025	0.00025	0.00026	0.00026
4215278.00	0.00022	0.00022	0.00022	0.00022	0.00022	0.00024	0.00025	0.00025	0.00025
4215258.00	0.00021	0.00021	0.00022	0.00021	0.00021	0.00023	0.00024	0.00024	0.00024
4215238.00	0.00020	0.00020	0.00021	0.00020	0.00020	0.00022	0.00023	0.00023	0.00023
4215218.00	0.00019	0.00019	0.00020	0.00020	0.00020	0.00021	0.00022	0.00022	0.00022
4215198.00	0.00019	0.00018	0.00020	0.00019	0.00019	0.00021	0.00021	0.00022	0.00021
4215178.00	0.00018	0.00017	0.00019	0.00018	0.00018	0.00020	0.00021	0.00021	0.00021
4215158.00	0.00017	0.00017	0.00018	0.00018	0.00018	0.00019	0.00020	0.00020	0.00020
4215138.00	0.00017	0.00016	0.00017	0.00017	0.00017	0.00019	0.00019	0.00020	0.00020
4215118.00	0.00016	0.00016	0.00017	0.00017	0.00017	0.00018	0.00018	0.00019	0.00020
4215098.00	0.00015	0.00015	0.00016	0.00016	0.00016	0.00017	0.00018	0.00018	0.00019
4215078.00	0.00015	0.00015	0.00015	0.00016	0.00016	0.00017	0.00017	0.00018	0.00019
4215058.00	0.00014	0.00014	0.00015	0.00015	0.00016	0.00016	0.00017	0.00017	0.00018
4215038.00	0.00014	0.00014	0.00014	0.00015	0.00015	0.00016	0.00016	0.00017	0.00018
4215018.00	0.00013	0.00014	0.00014	0.00014	0.00015	0.00015	0.00016	0.00016	0.00017
4214998.00	0.00013	0.00013	0.00013	0.00014	0.00014	0.00014	0.00015	0.00016	0.00017
4214978.00	0.00012	0.00013	0.00013	0.00014	0.00014	0.00014	0.00015		

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00093	0.00088	0.00085	0.00083	0.00078	0.00074	0.00066	0.00062	0.00058
4215938.00	0.00092	0.00087	0.00083	0.00079	0.00075	0.00071	0.00064	0.00060	0.00056
4215918.00	0.00088	0.00083	0.00080	0.00076	0.00073	0.00068	0.00064	0.00058	0.00054
4215898.00	0.00085	0.00081	0.00078	0.00073	0.00069	0.00066	0.00063	0.00058	0.00052
4215878.00	0.00081	0.00078	0.00075	0.00070	0.00066	0.00064	0.00062	0.00057	0.00053
4215858.00	0.00077	0.00074	0.00071	0.00068	0.00063	0.00061	0.00059	0.00055	0.00053
4215838.00	0.00073	0.00070	0.00067	0.00064	0.00061	0.00059	0.00057	0.00054	0.00051
4215818.00	0.00069	0.00067	0.00064	0.00062	0.00058	0.00057	0.00056	0.00052	0.00051
4215798.00	0.00065	0.00064	0.00060	0.00060	0.00056	0.00054	0.00053	0.00050	0.00049
4215778.00	0.00062	0.00060	0.00058	0.00058	0.00054	0.00052	0.00051	0.00048	0.00047
4215758.00	0.00059	0.00058	0.00055	0.00055	0.00052	0.00050	0.00049	0.00047	0.00045
4215738.00	0.00056	0.00055	0.00053	0.00052	0.00051	0.00048	0.00047	0.00045	0.00044
4215718.00	0.00053	0.00053	0.00051	0.00049	0.00049	0.00046	0.00046	0.00044	0.00042
4215698.00	0.00051	0.00051	0.00050	0.00047	0.00047	0.00044	0.00044	0.00042	0.00040
4215678.00	0.00049	0.00049	0.00048	0.00046	0.00045	0.00042	0.00042	0.00042	0.00039
4215658.00	0.00048	0.00047	0.00047	0.00045	0.00043	0.00041	0.00041	0.00041	0.00038
4215638.00	0.00047	0.00045	0.00045	0.00043	0.00042	0.00040	0.00040	0.00040	0.00038
4215618.00	0.00045	0.00044	0.00043	0.00042	0.00041	0.00038	0.00038	0.00039	0.00037
4215598.00	0.00044	0.00043	0.00042	0.00040	0.00039	0.00037	0.00036	0.00037	0.00037
4215578.00	0.00043	0.00042	0.00041	0.00039	0.00038	0.00036	0.00035	0.00036	0.00036
4215558.00	0.00042	0.00041	0.00040	0.00038	0.00037	0.00035	0.00034	0.00034	0.00035
4215538.00	0.00041	0.00040	0.00039	0.00037	0.00036	0.00034	0.00033	0.00033	0.00033

  4215518.00 | 0.00039   0.00039   0.00038   0.00036   0.00035   0.00033   0.00032
0.00033   0.00033
  4215498.00 | 0.00037   0.00038   0.00037   0.00035   0.00033   0.00032   0.00031
0.00031   0.00032
  4215478.00 | 0.00035   0.00037   0.00036   0.00034   0.00032   0.00031   0.00030
0.00030   0.00031
  4215458.00 | 0.00034   0.00035   0.00035   0.00034   0.00032   0.00030   0.00029
0.00030   0.00030
  4215438.00 | 0.00033   0.00033   0.00034   0.00033   0.00031   0.00030   0.00029
0.00029   0.00029
  4215418.00 | 0.00032   0.00032   0.00033   0.00032   0.00030   0.00029   0.00028
0.00028   0.00029
  4215398.00 | 0.00031   0.00031   0.00031   0.00031   0.00030   0.00028   0.00028
0.00027   0.00028
  4215378.00 | 0.00029   0.00030   0.00030   0.00030   0.00029   0.00028   0.00027
0.00026   0.00027
  4215358.00 | 0.00028   0.00029   0.00029   0.00029   0.00028   0.00027   0.00026
0.00026   0.00026
  4215338.00 | 0.00028   0.00028   0.00028   0.00027   0.00027   0.00027   0.00025
0.00025   0.00025
  4215318.00 | 0.00027   0.00027   0.00027   0.00026   0.00027   0.00026   0.00025
0.00024   0.00024
  4215298.00 | 0.00026   0.00026   0.00026   0.00026   0.00026   0.00025   0.00024
0.00023   0.00023
  4215278.00 | 0.00025   0.00025   0.00025   0.00025   0.00025   0.00024   0.00024
0.00023   0.00023
  4215258.00 | 0.00024   0.00024   0.00025   0.00024   0.00024   0.00024   0.00023
0.00022   0.00022
  4215238.00 | 0.00023   0.00023   0.00024   0.00023   0.00024   0.00023   0.00023
0.00021   0.00021
  4215218.00 | 0.00022   0.00023   0.00023   0.00022   0.00023   0.00023   0.00022
0.00021   0.00020
  4215198.00 | 0.00022   0.00022   0.00022   0.00021   0.00022   0.00022   0.00021
0.00021   0.00020
  4215178.00 | 0.00021   0.00022   0.00021   0.00020   0.00021   0.00022   0.00021
0.00020   0.00019

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   ,

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

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
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- - - - - - - -

  4215158.00 | 0.00020   0.00021   0.00021   0.00020   0.00020   0.00021   0.00020
0.00020   0.00018
  4215138.00 | 0.00020   0.00020   0.00020   0.00019   0.00019   0.00021   0.00019
0.00019   0.00018
  4215118.00 | 0.00019   0.00020   0.00020   0.00019   0.00018   0.00020   0.00019
0.00019   0.00018
  4215098.00 | 0.00019   0.00019   0.00019   0.00018   0.00018   0.00019   0.00019
0.00018   0.00017
  4215078.00 | 0.00018   0.00019   0.00018   0.00018   0.00017   0.00018   0.00019

0.00017 0.00017
4215058.00 | 0.00018 0.00018 0.00018 0.00017 0.00016 0.00017 0.00018
0.00017 0.00017
4215038.00 | 0.00018 0.00017 0.00017 0.00017 0.00016 0.00017 0.00017
0.00017 0.00016
4215018.00 | 0.00017 0.00016 0.00017 0.00017 0.00016 0.00016 0.00017
0.00016 0.00016
4214998.00 | 0.00017 0.00016 0.00017 0.00016 0.00016 0.00015 0.00016
0.00016 0.00015
4214978.00 | 0.00017 0.00016 0.00017 0.00016 0.00015 0.00015 0.00015
0.00016 0.00015

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00056	0.00054	0.00051	0.00047	0.00043	0.00039	0.00034	0.00032	0.00031
4215938.00	0.00054	0.00052	0.00049	0.00046	0.00043	0.00038	0.00035	0.00031	0.00030
4215918.00	0.00052	0.00050	0.00048	0.00045	0.00043	0.00039	0.00035	0.00031	0.00029
4215898.00	0.00051	0.00049	0.00047	0.00045	0.00042	0.00038	0.00035	0.00032	0.00028
4215878.00	0.00049	0.00047	0.00046	0.00043	0.00042	0.00039	0.00035	0.00032	0.00029
4215858.00	0.00050	0.00046	0.00045	0.00043	0.00041	0.00038	0.00035	0.00032	0.00030
4215838.00	0.00049	0.00046	0.00044	0.00042	0.00040	0.00038	0.00035	0.00031	0.00030
4215818.00	0.00047	0.00046	0.00044	0.00041	0.00039	0.00037	0.00035	0.00032	0.00029
4215798.00	0.00046	0.00044	0.00043	0.00040	0.00039	0.00037	0.00035	0.00032	0.00028
4215778.00	0.00045	0.00042	0.00042	0.00040	0.00038	0.00037	0.00035	0.00033	0.00029
4215758.00	0.00044	0.00042	0.00040	0.00039	0.00038	0.00037	0.00035	0.00034	0.00030
4215738.00	0.00043	0.00041	0.00039	0.00038	0.00038	0.00036	0.00035	0.00033	0.00031
4215718.00	0.00042	0.00040	0.00038	0.00038	0.00037	0.00036	0.00035	0.00034	0.00032
4215698.00	0.00041	0.00040	0.00037	0.00037	0.00036	0.00035	0.00034	0.00033	0.00031
4215678.00	0.00039	0.00039	0.00036	0.00035	0.00035	0.00034	0.00033	0.00033	0.00031
4215658.00	0.00037	0.00038	0.00036	0.00035	0.00034	0.00033	0.00032	0.00032	0.00031
4215638.00	0.00036	0.00036	0.00035	0.00034	0.00034	0.00032	0.00031	0.00031	0.00030

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  4215618.00 |       0.00036      0.00035      0.00035      0.00033      0.00033      0.00032      0.00031
0.00030      0.00030
  4215598.00 |       0.00034      0.00034      0.00034      0.00033      0.00032      0.00032      0.00031
0.00029      0.00029
  4215578.00 |       0.00034      0.00033      0.00033      0.00032      0.00032      0.00031      0.00030
0.00029      0.00028
  4215558.00 |       0.00033      0.00032      0.00032      0.00031      0.00031      0.00031      0.00030
0.00029      0.00027
  4215538.00 |       0.00032      0.00031      0.00030      0.00031      0.00030      0.00030      0.00029
0.00029      0.00027
  4215518.00 |       0.00032      0.00031      0.00030      0.00030      0.00030      0.00030      0.00029
0.00028      0.00027
  4215498.00 |       0.00031      0.00030      0.00029      0.00029      0.00028      0.00029      0.00029
0.00028      0.00027
  4215478.00 |       0.00030      0.00029      0.00028      0.00028      0.00028      0.00027      0.00028
0.00028      0.00027
  4215458.00 |       0.00029      0.00028      0.00028      0.00027      0.00028      0.00027      0.00027
0.00027      0.00027
  4215438.00 |       0.00029      0.00028      0.00027      0.00027      0.00027      0.00026      0.00025
0.00026      0.00027
  4215418.00 |       0.00028      0.00027      0.00027      0.00026      0.00026      0.00026      0.00025
0.00025      0.00026
  4215398.00 |       0.00028      0.00027      0.00026      0.00025      0.00026      0.00025      0.00024
0.00024      0.00024
  4215378.00 |       0.00027      0.00026      0.00025      0.00025      0.00025      0.00025      0.00024
0.00024      0.00024
  4215358.00 |       0.00026      0.00025      0.00025      0.00024      0.00024      0.00024      0.00024
0.00023      0.00023
  4215338.00 |       0.00025      0.00025      0.00024      0.00024      0.00023      0.00023      0.00023
0.00023      0.00022
  4215318.00 |       0.00025      0.00025      0.00024      0.00023      0.00022      0.00023      0.00023
0.00022      0.00022
  4215298.00 |       0.00024      0.00024      0.00023      0.00023      0.00022      0.00022      0.00022
0.00022      0.00021
  4215278.00 |       0.00023      0.00023      0.00023      0.00022      0.00021      0.00021      0.00021
0.00021      0.00020
  4215258.00 |       0.00022      0.00023      0.00022      0.00022      0.00021      0.00020      0.00020
0.00021      0.00020
  4215238.00 |       0.00021      0.00022      0.00022      0.00022      0.00020      0.00020      0.00020
0.00020      0.00020
  4215218.00 |       0.00020      0.00021      0.00022      0.00021      0.00020      0.00019      0.00019
0.00019      0.00020
  4215198.00 |       0.00020      0.00020      0.00021      0.00021      0.00020      0.00019      0.00019
0.00019      0.00019
  4215178.00 |       0.00019      0.00019      0.00020      0.00021      0.00019      0.00019      0.00018
0.00019      0.00019
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 331
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR    ***
                                INCLUDING SOURCE(S):     L0001071    , L0001072    , L0001073    , L0001074    ,
L0001075    ,
                L0001076    , L0001077    , L0001078    , L0001079    , L0001080    , L0001081    ,

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

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
```

  4215158.00 | 0.00019   0.00018   0.00019   0.00020   0.00019   0.00018   0.00018
0.00018   0.00018
  4215138.00 | 0.00018   0.00018   0.00018   0.00019   0.00019   0.00018   0.00017
0.00017   0.00018
  4215118.00 | 0.00018   0.00017   0.00017   0.00018   0.00019   0.00017   0.00017
0.00017   0.00017
  4215098.00 | 0.00017   0.00017   0.00016   0.00017   0.00018   0.00017   0.00016
0.00016   0.00017
  4215078.00 | 0.00016   0.00017   0.00016   0.00017   0.00017   0.00017   0.00016
0.00016   0.00016
  4215058.00 | 0.00016   0.00016   0.00015   0.00016   0.00016   0.00017   0.00016
0.00015   0.00016
  4215038.00 | 0.00015   0.00016   0.00015   0.00015   0.00016   0.00016   0.00016
0.00015   0.00015
  4215018.00 | 0.00015   0.00015   0.00015   0.00014   0.00015   0.00015   0.00016
0.00015   0.00014
  4214998.00 | 0.00015   0.00015   0.00015   0.00014   0.00014   0.00015   0.00015
0.00015   0.00014
  4214978.00 | 0.00015   0.00014   0.00015   0.00014   0.00014   0.00014   0.00015
0.00014   0.00014

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   ,

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

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215958.00 | 0.00027   0.00023   0.00022   0.00021   0.00019   0.00016   0.00015
0.00013   0.00013
  4215938.00 | 0.00029   0.00024   0.00021   0.00020   0.00019   0.00017   0.00015
0.00014   0.00013
  4215918.00 | 0.00028   0.00026   0.00022   0.00019   0.00019   0.00018   0.00016
0.00014   0.00013
  4215898.00 | 0.00026   0.00026   0.00024   0.00020   0.00018   0.00018   0.00017
0.00015   0.00014
  4215878.00 | 0.00026   0.00025   0.00024   0.00021   0.00018   0.00017   0.00016
0.00016   0.00014
  4215858.00 | 0.00025   0.00024   0.00023   0.00023   0.00019   0.00017   0.00016
0.00015   0.00015
  4215838.00 | 0.00027   0.00023   0.00022   0.00022   0.00021   0.00018   0.00016
0.00015   0.00014
  4215818.00 | 0.00028   0.00024   0.00021   0.00020   0.00020   0.00019   0.00016
0.00015   0.00014
  4215798.00 | 0.00027   0.00025   0.00022   0.00020   0.00019   0.00019   0.00018
0.00015   0.00014
  4215778.00 | 0.00027   0.00026   0.00022   0.00020   0.00018   0.00018   0.00018
0.00016   0.00014
  4215758.00 | 0.00026   0.00025   0.00023   0.00020   0.00019   0.00017   0.00017
0.00017   0.00015
  4215738.00 | 0.00027   0.00025   0.00023   0.00021   0.00019   0.00017   0.00016
0.00016   0.00015

  4215718.00 | 0.00030   0.00025   0.00023   0.00022   0.00019   0.00018   0.00016
0.00015   0.00015
  4215698.00 | 0.00030   0.00027   0.00023   0.00022   0.00020   0.00018   0.00016
0.00015   0.00015
  4215678.00 | 0.00029   0.00028   0.00024   0.00022   0.00021   0.00018   0.00017
0.00015   0.00014
  4215658.00 | 0.00029   0.00028   0.00025   0.00022   0.00020   0.00019   0.00017
0.00015   0.00014
  4215638.00 | 0.00029   0.00028   0.00026   0.00023   0.00021   0.00019   0.00017
0.00016   0.00014
  4215618.00 | 0.00029   0.00028   0.00027   0.00024   0.00021   0.00019   0.00018
0.00016   0.00015
  4215598.00 | 0.00028   0.00028   0.00026   0.00024   0.00022   0.00020   0.00017
0.00016   0.00015
  4215578.00 | 0.00027   0.00027   0.00026   0.00025   0.00022   0.00021   0.00019
0.00017   0.00016
  4215558.00 | 0.00027   0.00026   0.00026   0.00025   0.00023   0.00021   0.00020
0.00018   0.00016
  4215538.00 | 0.00027   0.00025   0.00025   0.00024   0.00022   0.00021   0.00020
0.00018   0.00017
  4215518.00 | 0.00026   0.00025   0.00024   0.00022   0.00020   0.00020   0.00020
0.00019   0.00017
  4215498.00 | 0.00026   0.00025   0.00024   0.00022   0.00019   0.00019   0.00020
0.00019   0.00018
  4215478.00 | 0.00026   0.00025   0.00023   0.00020   0.00018   0.00017   0.00019
0.00019   0.00018
  4215458.00 | 0.00025   0.00024   0.00024   0.00022   0.00020   0.00019   0.00020
0.00019   0.00018
  4215438.00 | 0.00025   0.00024   0.00024   0.00022   0.00022   0.00020   0.00020
0.00019   0.00018
  4215418.00 | 0.00025   0.00024   0.00023   0.00023   0.00021   0.00021   0.00019
0.00019   0.00018
  4215398.00 | 0.00025   0.00024   0.00023   0.00023   0.00022   0.00021   0.00019
0.00019   0.00018
  4215378.00 | 0.00024   0.00024   0.00023   0.00022   0.00022   0.00021   0.00020
0.00019   0.00018
  4215358.00 | 0.00023   0.00023   0.00023   0.00022   0.00021   0.00021   0.00020
0.00019   0.00018
  4215338.00 | 0.00022   0.00022   0.00022   0.00022   0.00021   0.00020   0.00020
0.00019   0.00018
  4215318.00 | 0.00021   0.00022   0.00021   0.00021   0.00021   0.00020   0.00020
0.00019   0.00018
  4215298.00 | 0.00021   0.00021   0.00021   0.00021   0.00021   0.00020   0.00020
0.00019   0.00018
  4215278.00 | 0.00020   0.00020   0.00021   0.00020   0.00020   0.00020   0.00020
0.00019   0.00018
  4215258.00 | 0.00020   0.00020   0.00020   0.00020   0.00020   0.00019   0.00019
0.00019   0.00018
  4215238.00 | 0.00019   0.00019   0.00020   0.00020   0.00019   0.00019   0.00019
0.00019   0.00018
  4215218.00 | 0.00019   0.00019   0.00019   0.00019   0.00019   0.00019   0.00019
0.00018   0.00018
  4215198.00 | 0.00019   0.00018   0.00019   0.00018   0.00018   0.00019   0.00018
0.00018   0.00017
  4215178.00 | 0.00018   0.00018   0.00018   0.00018   0.00018   0.00018   0.00018
0.00018   0.00017

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	0.00018	0.00018	0.00018	0.00017	0.00017	0.00018	0.00018	0.00017	0.00017
4215138.00	0.00018	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017	0.00017
4215118.00	0.00017	0.00017	0.00017	0.00017	0.00017	0.00016	0.00017	0.00017	0.00016
4215098.00	0.00017	0.00017	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016
4215078.00	0.00017	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016
4215058.00	0.00016	0.00016	0.00016	0.00016	0.00016	0.00016	0.00015	0.00016	0.00016
4215038.00	0.00015	0.00016	0.00016	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015
4215018.00	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015
4214998.00	0.00014	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00014	0.00014
4214978.00	0.00014	0.00014	0.00015	0.00014	0.00014	0.00014	0.00014	0.00014	0.00014

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.00012	0.00012	0.00012	0.00011	0.00011	0.00010	0.00009	0.00009	0.00008
4215938.00	0.00012	0.00012	0.00011	0.00011	0.00010	0.00010	0.00010	0.00009	0.00008
4215918.00	0.00012	0.00011	0.00011	0.00010	0.00010	0.00010	0.00009	0.00009	0.00009
4215898.00	0.00013	0.00011	0.00010	0.00010	0.00010	0.00009	0.00009	0.00009	0.00009
4215878.00	0.00013	0.00012	0.00011	0.00010	0.00010	0.00009	0.00009	0.00009	0.00008
4215858.00	0.00014	0.00012	0.00011	0.00010	0.00009	0.00009	0.00009	0.00009	0.00008
4215838.00	0.00014	0.00013	0.00012	0.00011	0.00010	0.00009	0.00009	0.00008	0.00008

```
  4215818.00 |       0.00013      0.00013      0.00012      0.00011      0.00010      0.00009      0.00009
0.00008      0.00008
  4215798.00 |       0.00013      0.00012      0.00012      0.00011      0.00010      0.00010      0.00009
0.00008      0.00008
  4215778.00 |       0.00013      0.00012      0.00012      0.00012      0.00011      0.00010      0.00009
0.00009      0.00008
  4215758.00 |       0.00013      0.00012      0.00011      0.00011      0.00011      0.00010      0.00010
0.00009      0.00008
  4215738.00 |       0.00014      0.00012      0.00011      0.00011      0.00010      0.00010      0.00010
0.00009      0.00008
  4215718.00 |       0.00014      0.00013      0.00011      0.00011      0.00010      0.00010      0.00010
0.00009      0.00009
  4215698.00 |       0.00014      0.00013      0.00012      0.00011      0.00010      0.00010      0.00009
0.00009      0.00009
  4215678.00 |       0.00014      0.00013      0.00013      0.00011      0.00010      0.00010      0.00009
0.00009      0.00009
  4215658.00 |       0.00014      0.00013      0.00013      0.00012      0.00011      0.00010      0.00009
0.00009      0.00008
  4215638.00 |       0.00013      0.00013      0.00013      0.00012      0.00011      0.00010      0.00009
0.00009      0.00008
  4215618.00 |       0.00013      0.00013      0.00012      0.00012      0.00011      0.00010      0.00009
0.00009      0.00008
  4215598.00 |       0.00014      0.00013      0.00012      0.00012      0.00011      0.00010      0.00010
0.00009      0.00008
  4215578.00 |       0.00015      0.00013      0.00012      0.00012      0.00011      0.00011      0.00010
0.00009      0.00008
  4215558.00 |       0.00015      0.00014      0.00012      0.00011      0.00011      0.00011      0.00010
0.00009      0.00009
  4215538.00 |       0.00015      0.00014      0.00013      0.00011      0.00011      0.00011      0.00010
0.00010      0.00009
  4215518.00 |       0.00016      0.00014      0.00013      0.00011      0.00011      0.00011      0.00010
0.00010      0.00009
  4215498.00 |       0.00016      0.00015      0.00013      0.00012      0.00011      0.00010      0.00010
0.00010      0.00009
  4215478.00 |       0.00017      0.00015      0.00014      0.00013      0.00012      0.00010      0.00010
0.00010      0.00009
  4215458.00 |       0.00017      0.00016      0.00014      0.00013      0.00012      0.00011      0.00010
0.00010      0.00009
  4215438.00 |       0.00017      0.00016      0.00015      0.00013      0.00012      0.00011      0.00010
0.00010      0.00009
  4215418.00 |       0.00017      0.00016      0.00015      0.00014      0.00013      0.00012      0.00010
0.00009      0.00009
  4215398.00 |       0.00018      0.00016      0.00015      0.00014      0.00013      0.00012      0.00011
0.00010      0.00009
  4215378.00 |       0.00017      0.00017      0.00016      0.00015      0.00013      0.00012      0.00011
0.00010      0.00009
  4215358.00 |       0.00017      0.00017      0.00016      0.00015      0.00014      0.00012      0.00011
0.00011      0.00010
  4215338.00 |       0.00017      0.00016      0.00016      0.00015      0.00014      0.00013      0.00011
0.00011      0.00010
  4215318.00 |       0.00017      0.00016      0.00016      0.00015      0.00014      0.00013      0.00012
0.00011      0.00010
  4215298.00 |       0.00017      0.00017      0.00016      0.00015      0.00014      0.00014      0.00013
0.00011      0.00010
  4215278.00 |       0.00017      0.00017      0.00016      0.00015      0.00014      0.00014      0.00013
0.00012      0.00010
  4215258.00 |       0.00017      0.00017      0.00016      0.00015      0.00014      0.00014      0.00013
0.00012      0.00011
  4215238.00 |       0.00017      0.00017      0.00016      0.00016      0.00015      0.00014      0.00013
0.00013      0.00011
  4215218.00 |       0.00017      0.00017      0.00016      0.00015      0.00015      0.00014      0.00013
0.00013      0.00012
  4215198.00 |       0.00017      0.00017      0.00016      0.00016      0.00015      0.00014      0.00013
0.00013      0.00012
  4215178.00 |       0.00017      0.00017      0.00016      0.00016      0.00015      0.00014      0.00013
0.00012      0.00012
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	0.00016	0.00016	0.00016	0.00016	0.00015	0.00015	0.00014	0.00013	0.00012
4215138.00	0.00016	0.00016	0.00016	0.00016	0.00015	0.00014	0.00014	0.00013	0.00012
4215118.00	0.00016	0.00016	0.00016	0.00015	0.00015	0.00014	0.00014	0.00013	0.00012
4215098.00	0.00016	0.00015	0.00015	0.00015	0.00015	0.00014	0.00014	0.00013	0.00012
4215078.00	0.00015	0.00015	0.00015	0.00015	0.00015	0.00014	0.00014	0.00013	0.00013
4215058.00	0.00015	0.00015	0.00014	0.00014	0.00014	0.00014	0.00014	0.00013	0.00013
4215038.00	0.00015	0.00015	0.00014	0.00014	0.00014	0.00014	0.00014	0.00013	0.00012
4215018.00	0.00015	0.00015	0.00014	0.00014	0.00014	0.00014	0.00014	0.00013	0.00013
4214998.00	0.00014	0.00014	0.00014	0.00014	0.00013	0.00013	0.00013	0.00013	0.00013
4214978.00	0.00014	0.00014	0.00014	0.00014	0.00013	0.00013	0.00013	0.00013	0.00013

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.00008	0.00008	0.00007	0.00007	0.00007
4215938.00	0.00008	0.00008	0.00007	0.00007	0.00007
4215918.00	0.00008	0.00008	0.00007	0.00007	0.00007
4215898.00	0.00008	0.00008	0.00007	0.00007	0.00007
4215878.00	0.00008	0.00008	0.00008	0.00007	0.00007

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  4215858.00 |       0.00008      0.00008      0.00007      0.00007      0.00007
  4215838.00 |       0.00008      0.00008      0.00007      0.00007      0.00007
  4215818.00 |       0.00008      0.00008      0.00007      0.00007      0.00007
  4215798.00 |       0.00008      0.00007      0.00007      0.00007      0.00007
  4215778.00 |       0.00007      0.00007      0.00007      0.00007      0.00007
  4215758.00 |       0.00007      0.00007      0.00007      0.00007      0.00007
  4215738.00 |       0.00008      0.00007      0.00007      0.00007      0.00007
  4215718.00 |       0.00008      0.00008      0.00007      0.00007      0.00007
  4215698.00 |       0.00008      0.00008      0.00007      0.00007      0.00006
  4215678.00 |       0.00009      0.00008      0.00007      0.00007      0.00006
  4215658.00 |       0.00008      0.00008      0.00008      0.00007      0.00007
  4215638.00 |       0.00008      0.00008      0.00008      0.00007      0.00007
  4215618.00 |       0.00008      0.00008      0.00008      0.00007      0.00007
  4215598.00 |       0.00008      0.00008      0.00007      0.00007      0.00007
  4215578.00 |       0.00008      0.00008      0.00007      0.00007      0.00007
  4215558.00 |       0.00008      0.00008      0.00007      0.00007      0.00007
  4215538.00 |       0.00008      0.00008      0.00007      0.00007      0.00007
  4215518.00 |       0.00008      0.00008      0.00007      0.00007      0.00007
  4215498.00 |       0.00009      0.00008      0.00008      0.00007      0.00007
  4215478.00 |       0.00009      0.00008      0.00008      0.00007      0.00007
  4215458.00 |       0.00009      0.00008      0.00008      0.00007      0.00007
  4215438.00 |       0.00009      0.00009      0.00008      0.00008      0.00007
  4215418.00 |       0.00009      0.00008      0.00008      0.00008      0.00007
  4215398.00 |       0.00009      0.00008      0.00008      0.00008      0.00007
  4215378.00 |       0.00009      0.00008      0.00008      0.00008      0.00007
  4215358.00 |       0.00009      0.00008      0.00008      0.00008      0.00007
  4215338.00 |       0.00009      0.00008      0.00008      0.00008      0.00008
  4215318.00 |       0.00009      0.00009      0.00008      0.00008      0.00008
  4215298.00 |       0.00010      0.00009      0.00008      0.00008      0.00008
  4215278.00 |       0.00010      0.00009      0.00009      0.00008      0.00007
  4215258.00 |       0.00010      0.00009      0.00009      0.00008      0.00008
  4215238.00 |       0.00010      0.00010      0.00009      0.00008      0.00008
  4215218.00 |       0.00011      0.00009      0.00009      0.00008      0.00008
  4215198.00 |       0.00011      0.00010      0.00009      0.00009      0.00008
  4215178.00 |       0.00012      0.00010      0.00009      0.00009      0.00008
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  16:58:04

  PAGE 337
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR    ***
                              INCLUDING SOURCE(S):     L0001071    , L0001072    , L0001073    , L0001074    ,
L0001075    ,
                 L0001076    , L0001077    , L0001078    , L0001079    , L0001080    , L0001081    ,

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

                                    ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00012      0.00011      0.00010      0.00009      0.00009
  4215138.00 |       0.00012      0.00011      0.00010      0.00009      0.00008
  4215118.00 |       0.00011      0.00011      0.00010      0.00009      0.00008
  4215098.00 |       0.00012      0.00011      0.00011      0.00010      0.00009
  4215078.00 |       0.00012      0.00011      0.00011      0.00010      0.00009
  4215058.00 |       0.00012      0.00011      0.00010      0.00010      0.00009
  4215038.00 |       0.00012      0.00011      0.00011      0.00010      0.00010
  4215018.00 |       0.00012      0.00012      0.00011      0.00010      0.00010
  4214998.00 |       0.00012      0.00012      0.00011      0.00010      0.00010
  4214978.00 |       0.00012      0.00012      0.00011      0.00010      0.00010
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

   *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: TK1HR   ***
                              INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   , L0001075   ,
               L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF NO2   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00023	539351.84	4215428.70	0.00022
539361.84	4215428.70	0.00022	539371.84	4215428.70	0.00021
539381.84	4215428.70	0.00021	539341.84	4215438.70	0.00023
539351.84	4215438.70	0.00022	539361.84	4215438.70	0.00022
539371.84	4215438.70	0.00021	539381.84	4215438.70	0.00020
539341.84	4215448.70	0.00022	539351.84	4215448.70	0.00022
539361.84	4215448.70	0.00021	539371.84	4215448.70	0.00021
539381.84	4215448.70	0.00020	539341.84	4215458.70	0.00022
539351.84	4215458.70	0.00022	539361.84	4215458.70	0.00020
539371.84	4215458.70	0.00020	539381.84	4215458.70	0.00019
539341.84	4215468.70	0.00022	539351.84	4215468.70	0.00020
539361.84	4215468.70	0.00019	539371.84	4215468.70	0.00018
539381.84	4215468.70	0.00018	539113.88	4215517.52	0.00031
539096.52	4215515.99	0.00032	539108.26	4215501.18	0.00031
539096.01	4215500.67	0.00032	539108.26	4215486.38	0.00030
539094.47	4215485.36	0.00031	539135.32	4215461.36	0.00029
539150.13	4215439.91	0.00027	539114.39	4215452.68	0.00029
539123.07	4215439.40	0.00028	539159.32	4215421.02	0.00026
539145.02	4215416.43	0.00027	539134.30	4215410.81	0.00027
539131.75	4215425.11	0.00027	539206.80	4215383.75	0.00025
539215.99	4215372.52	0.00025	539188.93	4215382.22	0.00025
539176.17	4215379.67	0.00024	539165.44	4215376.09	0.00024
539248.79	4215356.71	0.00023	539243.45	4215348.45	0.00023
539265.58	4215345.25	0.00022	539260.78	4215338.05	0.00022
539256.25	4215351.38	0.00023	539272.77	4215331.92	0.00022

539264.78	4215324.99	0.00022	539280.77	4215321.79	0.00021
539279.97	4215307.14	0.00021	539287.97	4215313.80	0.00021
539297.83	4215304.74	0.00021	539289.56	4215296.21	0.00021
539311.15	4215287.68	0.00021	539303.69	4215281.28	0.00020
539303.69	4215296.21	0.00021	539314.25	4215271.79	0.00020
539329.09	4215260.48	0.00020	539339.69	4215237.16	0.00020
539357.36	4215232.92	0.00019	539394.11	4215199.70	0.00018
539044.99	4215579.21	0.00035	539034.39	4215591.93	0.00036
539054.88	4215556.59	0.00034	539058.42	4215538.92	0.00033
539054.88	4215520.55	0.00032	539082.44	4215477.44	0.00031
539073.96	4215466.13	0.00031	539098.70	4215440.69	0.00029
539109.30	4215426.56	0.00028	539117.07	4215415.96	0.00027
539125.55	4215401.11	0.00027	539158.77	4215367.19	0.00024
539150.29	4215357.30	0.00025	539184.21	4215339.63	0.00023
539222.37	4215324.79	0.00023	539243.58	4215317.72	0.00022

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00018	539364.42	4215191.93	0.00018
539344.64	4215200.41	0.00018	539409.65	4215113.48	0.00017
539355.94	4215136.80	0.00017	539262.66	4215288.75	0.00021
539282.44	4215261.19	0.00020	539299.41	4215235.04	0.00019
538948.91	4216164.24	0.00169	539351.64	4215795.94	0.00019
539171.40	4215646.30	0.00034	539358.95	4215583.01	0.00023
539293.80	4215538.56	0.00026	539260.82	4215517.04	0.00027
539279.41	4215503.60	0.00026	539292.18	4215495.55	0.00025
539318.95	4215487.21	0.00023	539337.11	4215482.84	0.00021

539356.14	4215482.00	0.00019	539369.89	4215483.02	0.00017
539384.66	4215486.57	0.00019	539391.49	4215490.91	0.00018
539342.66	4215571.90	0.00025	539326.38	4215560.79	0.00026
539310.09	4215549.67	0.00026	539277.31	4215527.80	0.00026
539270.11	4215510.32	0.00026	539305.56	4215491.38	0.00025
539384.98	4215509.33	0.00020	539378.47	4215527.75	0.00021
539371.97	4215546.17	0.00022	539365.46	4215564.59	0.00023

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00030	0.00033	0.00034	0.00039	0.00043	0.00049	0.00053	0.00057	0.00066
4215938.00	0.00029	0.00031	0.00036	0.00039	0.00044	0.00047	0.00051	0.00057	0.00067
4215918.00	0.00028	0.00031	0.00035	0.00039	0.00042	0.00046	0.00049	0.00056	0.00067
4215898.00	0.00028	0.00031	0.00034	0.00038	0.00042	0.00045	0.00049	0.00056	0.00066
4215878.00	0.00029	0.00031	0.00033	0.00036	0.00040	0.00044	0.00048	0.00057	0.00065
4215858.00	0.00028	0.00030	0.00032	0.00035	0.00039	0.00043	0.00048	0.00058	0.00065
4215838.00	0.00028	0.00030	0.00032	0.00034	0.00039	0.00042	0.00049	0.00057	0.00065
4215818.00	0.00027	0.00029	0.00031	0.00035	0.00037	0.00042	0.00050	0.00057	0.00064
4215798.00	0.00027	0.00029	0.00031	0.00034	0.00037	0.00042	0.00050	0.00057	0.00064
4215778.00	0.00027	0.00029	0.00031	0.00033	0.00037	0.00043	0.00050	0.00057	0.00063
4215758.00	0.00027	0.00029	0.00031	0.00033	0.00036	0.00044	0.00051	0.00057	0.00062
4215738.00	0.00027	0.00028	0.00030	0.00033	0.00037	0.00045	0.00050	0.00056	0.00062
4215718.00	0.00027	0.00028	0.00030	0.00033	0.00038	0.00045	0.00051		

0.00056 0.00061
4215698.00 | 0.00026 0.00028 0.00030 0.00033 0.00040 0.00046 0.00050
0.00056 0.00060
4215678.00 | 0.00026 0.00027 0.00030 0.00034 0.00040 0.00045 0.00049
0.00055 0.00059
4215658.00 | 0.00025 0.00027 0.00030 0.00035 0.00039 0.00043 0.00048
0.00054 0.00058
4215638.00 | 0.00025 0.00027 0.00030 0.00033 0.00038 0.00043 0.00048
0.00054 0.00058
4215618.00 | 0.00024 0.00026 0.00029 0.00033 0.00039 0.00043 0.00048
0.00053 0.00058
4215598.00 | 0.00023 0.00026 0.00029 0.00034 0.00039 0.00043 0.00048
0.00052 0.00057
4215578.00 | 0.00023 0.00026 0.00029 0.00035 0.00039 0.00043 0.00048
0.00052 0.00057
4215558.00 | 0.00023 0.00026 0.00030 0.00036 0.00040 0.00044 0.00048
0.00052 0.00056
4215538.00 | 0.00024 0.00027 0.00031 0.00036 0.00040 0.00044 0.00048
0.00052 0.00055
4215518.00 | 0.00024 0.00027 0.00032 0.00036 0.00040 0.00044 0.00047
0.00052 0.00055
4215498.00 | 0.00024 0.00028 0.00031 0.00035 0.00038 0.00042 0.00046
0.00050 0.00053
4215478.00 | 0.00024 0.00028 0.00031 0.00034 0.00038 0.00041 0.00044
0.00048 0.00051
4215458.00 | 0.00025 0.00028 0.00031 0.00034 0.00038 0.00041 0.00044
0.00048 0.00051
4215438.00 | 0.00025 0.00028 0.00031 0.00034 0.00038 0.00041 0.00044
0.00047 0.00050
4215418.00 | 0.00025 0.00029 0.00032 0.00035 0.00038 0.00041 0.00044
0.00047 0.00050
4215398.00 | 0.00026 0.00029 0.00032 0.00035 0.00038 0.00041 0.00044
0.00047 0.00049
4215378.00 | 0.00026 0.00029 0.00032 0.00035 0.00038 0.00041 0.00044
0.00047 0.00049
4215358.00 | 0.00027 0.00030 0.00032 0.00035 0.00038 0.00041 0.00044
0.00046 0.00048
4215338.00 | 0.00027 0.00030 0.00032 0.00035 0.00038 0.00041 0.00043
0.00045 0.00045
4215318.00 | 0.00027 0.00030 0.00032 0.00035 0.00038 0.00040 0.00041
0.00043 0.00044
4215298.00 | 0.00027 0.00029 0.00032 0.00034 0.00038 0.00040 0.00041
0.00042 0.00043
4215278.00 | 0.00027 0.00029 0.00032 0.00034 0.00037 0.00039 0.00040
0.00042 0.00043
4215258.00 | 0.00027 0.00029 0.00032 0.00035 0.00038 0.00039 0.00040
0.00041 0.00042
4215238.00 | 0.00027 0.00030 0.00032 0.00035 0.00037 0.00038 0.00040
0.00041 0.00042
4215218.00 | 0.00027 0.00030 0.00032 0.00035 0.00037 0.00038 0.00040
0.00041 0.00041
4215198.00 | 0.00028 0.00030 0.00032 0.00035 0.00037 0.00038 0.00040
0.00040 0.00040
4215178.00 | 0.00028 0.00030 0.00032 0.00035 0.00037 0.00037 0.00038
0.00039 0.00040

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***

INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,

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                L0001128    , L0001129    , L0001130    , L0001131    , L0001132    , L0001133    , L0001134    ,
L0001135    ,
                L0001136    , L0001137    , L0001138    , L0001139    , L0001140    , L0001141    , L0001142    ,
. . .      ,

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

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00028      0.00030      0.00033      0.00035      0.00036      0.00036      0.00038
0.00039      0.00040
  4215138.00 |       0.00028      0.00030      0.00032      0.00034      0.00035      0.00036      0.00037
0.00039      0.00041
  4215118.00 |       0.00029      0.00030      0.00031      0.00033      0.00035      0.00036      0.00038
0.00039      0.00041
  4215098.00 |       0.00028      0.00029      0.00031      0.00033      0.00035      0.00036      0.00038
0.00040      0.00041
  4215078.00 |       0.00027      0.00029      0.00031      0.00033      0.00035      0.00036      0.00038
0.00040      0.00041
  4215058.00 |       0.00027      0.00029      0.00031      0.00033      0.00035      0.00037      0.00038
0.00040      0.00041
  4215038.00 |       0.00027      0.00029      0.00031      0.00033      0.00035      0.00037      0.00038
0.00039      0.00041
  4215018.00 |       0.00027      0.00029      0.00031      0.00034      0.00035      0.00036      0.00038
0.00039      0.00039
  4214998.00 |       0.00027      0.00029      0.00031      0.00033      0.00035      0.00036      0.00037
0.00037      0.00039
  4214978.00 |       0.00028      0.00030      0.00031      0.00033      0.00034      0.00035      0.00036
0.00037      0.00037
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 342
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                  INCLUDING SOURCE(S):     L0001115    , L0001116    , L0001117    , L0001118    ,
L0001119    ,
                L0001120    , L0001121    , L0001122    , L0001123    , L0001124    , L0001125    , L0001126    ,
L0001127    ,
                L0001128    , L0001129    , L0001130    , L0001131    , L0001132    , L0001133    , L0001134    ,
L0001135    ,
                L0001136    , L0001137    , L0001138    , L0001139    , L0001140    , L0001141    , L0001142    ,
. . .      ,

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

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.00076      0.00085      0.00093      0.00101      0.00112      0.00124      0.00139
0.00153      0.00180
  4215938.00 |       0.00074      0.00082      0.00089      0.00097      0.00107      0.00118      0.00131
0.00146      0.00169
  4215918.00 |       0.00074      0.00078      0.00087      0.00096      0.00105      0.00114      0.00126
```

0.00139 0.00159
4215898.00 | 0.00075 0.00077 0.00086 0.00094 0.00102 0.00111 0.00122
0.00134 0.00151
4215878.00 | 0.00074 0.00081 0.00089 0.00095 0.00101 0.00111 0.00120
0.00129 0.00143
4215858.00 | 0.00074 0.00079 0.00086 0.00092 0.00098 0.00108 0.00118
0.00123 0.00137
4215838.00 | 0.00072 0.00078 0.00083 0.00088 0.00095 0.00104 0.00116
0.00119 0.00131
4215818.00 | 0.00070 0.00076 0.00081 0.00087 0.00093 0.00101 0.00111
0.00121 0.00126
4215798.00 | 0.00069 0.00074 0.00079 0.00083 0.00089 0.00097 0.00111
0.00115 0.00126
4215778.00 | 0.00067 0.00073 0.00077 0.00082 0.00087 0.00095 0.00107
0.00112 0.00123
4215758.00 | 0.00066 0.00072 0.00078 0.00080 0.00085 0.00092 0.00104
0.00112 0.00118
4215738.00 | 0.00065 0.00071 0.00076 0.00080 0.00083 0.00090 0.00101
0.00111 0.00115
4215718.00 | 0.00065 0.00070 0.00075 0.00079 0.00082 0.00088 0.00099
0.00107 0.00112
4215698.00 | 0.00065 0.00070 0.00073 0.00077 0.00081 0.00086 0.00096
0.00106 0.00110
4215678.00 | 0.00064 0.00067 0.00070 0.00075 0.00080 0.00085 0.00093
0.00103 0.00108
4215658.00 | 0.00063 0.00066 0.00069 0.00072 0.00077 0.00082 0.00090
0.00099 0.00106
4215638.00 | 0.00062 0.00066 0.00068 0.00071 0.00076 0.00080 0.00088
0.00096 0.00103
4215618.00 | 0.00062 0.00065 0.00067 0.00070 0.00074 0.00079 0.00086
0.00095 0.00100
4215598.00 | 0.00061 0.00064 0.00066 0.00069 0.00073 0.00077 0.00085
0.00092 0.00098
4215578.00 | 0.00060 0.00062 0.00064 0.00067 0.00072 0.00076 0.00082
0.00090 0.00095
4215558.00 | 0.00059 0.00061 0.00063 0.00066 0.00070 0.00074 0.00080
0.00087 0.00092
4215538.00 | 0.00057 0.00059 0.00061 0.00064 0.00068 0.00072 0.00078
0.00085 0.00090
4215518.00 | 0.00057 0.00058 0.00060 0.00063 0.00066 0.00071 0.00077
0.00084 0.00088
4215498.00 | 0.00055 0.00057 0.00059 0.00062 0.00065 0.00069 0.00075
0.00082 0.00086
4215478.00 | 0.00053 0.00055 0.00058 0.00061 0.00064 0.00068 0.00074
0.00080 0.00085
4215458.00 | 0.00053 0.00054 0.00057 0.00060 0.00063 0.00067 0.00072
0.00079 0.00083
4215438.00 | 0.00052 0.00054 0.00056 0.00059 0.00061 0.00066 0.00071
0.00077 0.00081
4215418.00 | 0.00051 0.00053 0.00055 0.00059 0.00061 0.00065 0.00070
0.00076 0.00080
4215398.00 | 0.00051 0.00052 0.00055 0.00058 0.00060 0.00063 0.00069
0.00074 0.00079
4215378.00 | 0.00050 0.00051 0.00054 0.00057 0.00059 0.00063 0.00067
0.00073 0.00077
4215358.00 | 0.00049 0.00050 0.00052 0.00054 0.00056 0.00061 0.00066
0.00072 0.00076
4215338.00 | 0.00046 0.00047 0.00049 0.00052 0.00055 0.00060 0.00065
0.00071 0.00075
4215318.00 | 0.00045 0.00046 0.00048 0.00051 0.00054 0.00059 0.00064
0.00070 0.00074
4215298.00 | 0.00044 0.00045 0.00048 0.00050 0.00054 0.00058 0.00063
0.00068 0.00071
4215278.00 | 0.00043 0.00044 0.00048 0.00050 0.00053 0.00058 0.00062
0.00066 0.00070
4215258.00 | 0.00043 0.00044 0.00047 0.00049 0.00052 0.00057 0.00061
0.00065 0.00069
4215238.00 | 0.00043 0.00044 0.00047 0.00048 0.00052 0.00056 0.00060
0.00064 0.00068

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  4215218.00 |       0.00042      0.00044      0.00046      0.00048      0.00051      0.00055      0.00060
0.00064      0.00068
  4215198.00 |       0.00042      0.00043      0.00046      0.00048      0.00051      0.00055      0.00060
0.00063      0.00065
  4215178.00 |       0.00042      0.00043      0.00046      0.00048      0.00052      0.00055      0.00058
0.00061      0.00062
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    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                INCLUDING SOURCE(S):     L0001115    , L0001116    , L0001117    , L0001118    ,
L0001119    ,
                L0001120    , L0001121    , L0001122    , L0001123    , L0001124    , L0001125    , L0001126    ,
L0001127    ,
                L0001128    , L0001129    , L0001130    , L0001131    , L0001132    , L0001133    , L0001134    ,
L0001135    ,
                L0001136    , L0001137    , L0001138    , L0001139    , L0001140    , L0001141    , L0001142    ,
. . .       ,

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

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00042      0.00044      0.00047      0.00049      0.00052      0.00054      0.00057
0.00059      0.00062
  4215138.00 |       0.00042      0.00044      0.00047      0.00049      0.00051      0.00053      0.00055
0.00058      0.00061
  4215118.00 |       0.00043      0.00045      0.00047      0.00048      0.00050      0.00052      0.00055
0.00057      0.00058
  4215098.00 |       0.00043      0.00045      0.00046      0.00048      0.00049      0.00051      0.00053
0.00055      0.00057
  4215078.00 |       0.00043      0.00044      0.00045      0.00046      0.00048      0.00050      0.00052
0.00054      0.00056
  4215058.00 |       0.00042      0.00043      0.00044      0.00045      0.00048      0.00049      0.00051
0.00053      0.00055
  4215038.00 |       0.00042      0.00043      0.00043      0.00045      0.00046      0.00048      0.00050
0.00053      0.00054
  4215018.00 |       0.00041      0.00041      0.00042      0.00043      0.00045      0.00048      0.00050
0.00051      0.00053
  4214998.00 |       0.00039      0.00039      0.00040      0.00042      0.00045      0.00047      0.00048
0.00050      0.00052
  4214978.00 |       0.00037      0.00038      0.00040      0.00042      0.00044      0.00046      0.00048
0.00050      0.00051
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    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                INCLUDING SOURCE(S):     L0001115    , L0001116    , L0001117    , L0001118    ,
L0001119    ,
                L0001120    , L0001121    , L0001122    , L0001123    , L0001124    , L0001125    , L0001126    ,
L0001127    ,
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L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00202	0.00229	0.00263	0.00307	0.00366	0.00452	0.00592	0.00687	0.00604
4215938.00	0.00189	0.00210	0.00238	0.00276	0.00324	0.00393	0.00491	0.00660	0.00587
4215918.00	0.00178	0.00197	0.00219	0.00250	0.00287	0.00345	0.00420	0.00538	0.00531
4215898.00	0.00168	0.00186	0.00206	0.00231	0.00263	0.00304	0.00368	0.00454	0.00585
4215878.00	0.00158	0.00176	0.00194	0.00215	0.00244	0.00277	0.00322	0.00390	0.00492
4215858.00	0.00149	0.00167	0.00183	0.00201	0.00227	0.00256	0.00291	0.00340	0.00418
4215838.00	0.00142	0.00158	0.00173	0.00190	0.00212	0.00238	0.00269	0.00307	0.00365
4215818.00	0.00136	0.00149	0.00164	0.00179	0.00198	0.00223	0.00249	0.00280	0.00326
4215798.00	0.00131	0.00142	0.00156	0.00170	0.00186	0.00208	0.00231	0.00259	0.00295
4215778.00	0.00129	0.00136	0.00147	0.00161	0.00175	0.00195	0.00217	0.00240	0.00269
4215758.00	0.00127	0.00132	0.00141	0.00153	0.00166	0.00183	0.00203	0.00225	0.00250
4215738.00	0.00122	0.00128	0.00135	0.00146	0.00158	0.00173	0.00191	0.00211	0.00234
4215718.00	0.00118	0.00124	0.00134	0.00140	0.00150	0.00163	0.00181	0.00199	0.00219
4215698.00	0.00114	0.00125	0.00130	0.00137	0.00146	0.00155	0.00172	0.00189	0.00206
4215678.00	0.00110	0.00122	0.00127	0.00134	0.00141	0.00150	0.00163	0.00179	0.00196
4215658.00	0.00109	0.00119	0.00123	0.00129	0.00136	0.00145	0.00154	0.00169	0.00186
4215638.00	0.00109	0.00116	0.00121	0.00127	0.00132	0.00141	0.00148	0.00161	0.00178
4215618.00	0.00106	0.00114	0.00118	0.00123	0.00131	0.00136	0.00143	0.00153	0.00168
4215598.00	0.00103	0.00111	0.00117	0.00119	0.00127	0.00133	0.00139	0.00149	0.00162
4215578.00	0.00100	0.00107	0.00114	0.00115	0.00123	0.00130	0.00140	0.00144	0.00156
4215558.00	0.00097	0.00102	0.00111	0.00115	0.00120	0.00127	0.00135	0.00141	0.00152
4215538.00	0.00093	0.00098	0.00105	0.00112	0.00117	0.00123	0.00132	0.00142	0.00146
4215518.00	0.00092	0.00095	0.00102	0.00106	0.00114	0.00119	0.00127	0.00135	0.00137
4215498.00	0.00089	0.00094	0.00100	0.00104	0.00109	0.00115	0.00123	0.00130	0.00134
4215478.00	0.00088	0.00092	0.00097	0.00101	0.00105	0.00112	0.00119	0.00124	0.00130
4215458.00	0.00086	0.00090	0.00095	0.00100	0.00103	0.00109	0.00116	0.00121	0.00132
4215438.00	0.00084	0.00088	0.00093	0.00098	0.00102	0.00106	0.00112	0.00120	0.00129

  4215418.00 | 0.00082   0.00086   0.00091   0.00095   0.00099   0.00103   0.00108
0.00116   0.00121
  4215398.00 | 0.00081   0.00084   0.00089   0.00093   0.00097   0.00100   0.00106
0.00113   0.00124
  4215378.00 | 0.00079   0.00082   0.00087   0.00091   0.00094   0.00098   0.00105
0.00112   0.00123
  4215358.00 | 0.00078   0.00080   0.00085   0.00089   0.00093   0.00098   0.00104
0.00112   0.00123
  4215338.00 | 0.00077   0.00080   0.00083   0.00088   0.00092   0.00098   0.00104
0.00113   0.00121
  4215318.00 | 0.00076   0.00078   0.00083   0.00087   0.00093   0.00098   0.00104
0.00111   0.00114
  4215298.00 | 0.00073   0.00077   0.00082   0.00087   0.00093   0.00098   0.00102
0.00104   0.00108
  4215278.00 | 0.00073   0.00076   0.00082   0.00087   0.00091   0.00094   0.00096
0.00101   0.00106
  4215258.00 | 0.00072   0.00076   0.00081   0.00085   0.00086   0.00091   0.00093
0.00098   0.00101
  4215238.00 | 0.00071   0.00075   0.00077   0.00080   0.00084   0.00087   0.00092
0.00095   0.00096
  4215218.00 | 0.00070   0.00071   0.00075   0.00079   0.00082   0.00086   0.00089
0.00089   0.00096
  4215198.00 | 0.00066   0.00069   0.00073   0.00075   0.00080   0.00084   0.00084
0.00087   0.00095
  4215178.00 | 0.00065   0.00068   0.00069   0.00074   0.00079   0.00080   0.00082
0.00087   0.00091

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                              INCLUDING SOURCE(S):   L0001115   , L0001116   , L0001117   , L0001118   ,
L0001119   ,
               L0001120   , L0001121   , L0001122   , L0001123   , L0001124   , L0001125   , L0001126   ,
L0001127   ,
               L0001128   , L0001129   , L0001130   , L0001131   , L0001132   , L0001133   , L0001134   ,
L0001135   ,
               L0001136   , L0001137   , L0001138   , L0001139   , L0001140   , L0001141   , L0001142   ,
. . .   ,

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

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.00065   0.00065   0.00068   0.00072   0.00074   0.00077   0.00081
0.00085   0.00088
  4215138.00 | 0.00061   0.00063   0.00066   0.00069   0.00072   0.00076   0.00080
0.00082   0.00086
  4215118.00 | 0.00060   0.00061   0.00064   0.00068   0.00071   0.00075   0.00079
0.00081   0.00084
  4215098.00 | 0.00059   0.00060   0.00064   0.00067   0.00070   0.00074   0.00076
0.00080   0.00082
  4215078.00 | 0.00058   0.00059   0.00063   0.00066   0.00069   0.00072   0.00075
0.00077   0.00081
  4215058.00 | 0.00056   0.00059   0.00063   0.00065   0.00068   0.00070   0.00073
0.00076   0.00078
  4215038.00 | 0.00056   0.00058   0.00062   0.00064   0.00065   0.00068   0.00071
0.00074   0.00076

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***

INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00514	0.00533	0.00432	0.00364	0.00309	0.00275	0.00252	0.00228	0.00213
4215938.00	0.00582	0.00481	0.00489	0.00409	0.00344	0.00298	0.00270	0.00244	0.00225
4215918.00	0.00600	0.00560	0.00506	0.00460	0.00385	0.00328	0.00292	0.00262	0.00239
4215898.00	0.00584	0.00600	0.00618	0.00540	0.00438	0.00362	0.00317	0.00282	0.00255
4215878.00	0.00576	0.00613	0.00589	0.00560	0.00497	0.00411	0.00349	0.00309	0.00274
4215858.00	0.00540	0.00620	0.00620	0.00547	0.00509	0.00469	0.00387	0.00338	0.00297
4215838.00	0.00450	0.00587	0.00567	0.00626	0.00516	0.00556	0.00442	0.00372	0.00327
4215818.00	0.00388	0.00492	0.00553	0.00597	0.00623	0.00486	0.00513	0.00421	0.00362
4215798.00	0.00348	0.00412	0.00539	0.00600	0.00607	0.00595	0.00557	0.00483	0.00402
4215778.00	0.00313	0.00365	0.00448	0.00583	0.00655	0.00601	0.00553	0.00582	0.00457
4215758.00	0.00283	0.00330	0.00385	0.00482	0.00564	0.00608	0.00580	0.00560	0.00535
4215738.00	0.00259	0.00300	0.00345	0.00415	0.00522	0.00504	0.00493	0.00563	0.00528
4215718.00	0.00242	0.00273	0.00317	0.00362	0.00445	0.00568	0.00535	0.00616	0.00528
4215698.00	0.00227	0.00250	0.00288	0.00329	0.00388	0.00474	0.00529	0.00568	0.00593
4215678.00	0.00214	0.00233	0.00262	0.00303	0.00346	0.00417	0.00510	0.00565	0.00574
4215658.00	0.00202	0.00221	0.00243	0.00277	0.00317	0.00367	0.00444	0.00552	0.00610
4215638.00	0.00193	0.00210	0.00228	0.00257	0.00295	0.00332	0.00395	0.00473	0.00607

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  4215618.00 |       0.00185      0.00200      0.00216      0.00240      0.00274      0.00312      0.00354
0.00423      0.00509
  4215598.00 |       0.00177      0.00191      0.00207      0.00227      0.00256      0.00295      0.00331
0.00383      0.00455
  4215578.00 |       0.00170      0.00182      0.00197      0.00217      0.00251      0.00282      0.00320
0.00360      0.00418
  4215558.00 |       0.00163      0.00173      0.00188      0.00210      0.00247      0.00278      0.00313
0.00363      0.00419
  4215538.00 |       0.00155      0.00160      0.00172      0.00189      0.00234      0.00279      0.00328
0.00384      0.00480
  4215518.00 |       0.00144      0.00145      0.00141      0.00160      0.00214      0.00304      0.00385
0.00343      0.00330
  4215498.00 |       0.00131      0.00129      0.00140      0.00169      0.00229      0.00228      0.00324
0.00311      0.00324
  4215478.00 |       0.00136      0.00132      0.00132      0.00166      0.00239      0.00228      0.00329
0.00298      0.00431
  4215458.00 |       0.00135      0.00142      0.00149      0.00174      0.00243      0.00352      0.00303
0.00566      0.00566
  4215438.00 |       0.00133      0.00138      0.00155      0.00179      0.00232      0.00308      0.00401
0.00459      0.00487
  4215418.00 |       0.00128      0.00137      0.00155      0.00180      0.00219      0.00272      0.00334
0.00385      0.00408
  4215398.00 |       0.00128      0.00141      0.00156      0.00173      0.00204      0.00242      0.00292
0.00338      0.00340
  4215378.00 |       0.00131      0.00140      0.00154      0.00173      0.00190      0.00219      0.00256
0.00293      0.00300
  4215358.00 |       0.00131      0.00137      0.00146      0.00158      0.00177      0.00205      0.00232
0.00251      0.00269
  4215338.00 |       0.00127      0.00137      0.00144      0.00151      0.00167      0.00187      0.00212
0.00226      0.00240
  4215318.00 |       0.00120      0.00132      0.00139      0.00145      0.00160      0.00175      0.00196
0.00208      0.00219
  4215298.00 |       0.00117      0.00123      0.00133      0.00138      0.00153      0.00170      0.00174
0.00194      0.00203
  4215278.00 |       0.00109      0.00119      0.00127      0.00133      0.00149      0.00161      0.00162
0.00182      0.00187
  4215258.00 |       0.00106      0.00114      0.00119      0.00130      0.00142      0.00149      0.00155
0.00170      0.00172
  4215238.00 |       0.00105      0.00110      0.00116      0.00127      0.00135      0.00139      0.00151
0.00163      0.00160
  4215218.00 |       0.00100      0.00106      0.00114      0.00123      0.00128      0.00132      0.00144
0.00153      0.00148
  4215198.00 |       0.00098      0.00104      0.00111      0.00120      0.00120      0.00127      0.00139
0.00143      0.00138
  4215178.00 |       0.00097      0.00103      0.00108      0.00115      0.00114      0.00122      0.00133
0.00133      0.00129
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 347
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                INCLUDING SOURCE(S):     L0001115    , L0001116    , L0001117    , L0001118    ,
L0001119    ,
                L0001120    , L0001121    , L0001122    , L0001123    , L0001124    , L0001125    , L0001126    ,
L0001127    ,
                L0001128    , L0001129    , L0001130    , L0001131    , L0001132    , L0001133    , L0001134    ,
L0001135    ,
                L0001136    , L0001137    , L0001138    , L0001139    , L0001140    , L0001141    , L0001142    ,
. . .       ,

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

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **
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    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00095      0.00100      0.00107      0.00110      0.00110      0.00119      0.00127
0.00123      0.00122
  4215138.00 |       0.00092      0.00097      0.00105      0.00104      0.00106      0.00114      0.00119
0.00115      0.00116
  4215118.00 |       0.00089      0.00095      0.00101      0.00101      0.00103      0.00112      0.00114
0.00108      0.00110
  4215098.00 |       0.00087      0.00094      0.00095      0.00097      0.00101      0.00109      0.00110
0.00103      0.00104
  4215078.00 |       0.00086      0.00092      0.00091      0.00094      0.00100      0.00105      0.00104
0.00097      0.00099
  4215058.00 |       0.00084      0.00086      0.00088      0.00091      0.00097      0.00100      0.00097
0.00093      0.00094
  4215038.00 |       0.00081      0.00082      0.00084      0.00088      0.00095      0.00094      0.00090
0.00090      0.00091
  4215018.00 |       0.00078      0.00080      0.00081      0.00086      0.00092      0.00091      0.00083
0.00086      0.00087
  4214998.00 |       0.00074      0.00076      0.00079      0.00084      0.00089      0.00087      0.00077
0.00082      0.00083
  4214978.00 |       0.00072      0.00073      0.00076      0.00083      0.00086      0.00082      0.00073
0.00077      0.00081
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                INCLUDING SOURCE(S):     L0001115    , L0001116    , L0001117    , L0001118    ,
L0001119    ,
               L0001120    , L0001121    , L0001122    , L0001123    , L0001124    , L0001125    , L0001126    ,
L0001127    ,
               L0001128    , L0001129    , L0001130    , L0001131    , L0001132    , L0001133    , L0001134    ,
L0001135    ,
               L0001136    , L0001137    , L0001138    , L0001139    , L0001140    , L0001141    , L0001142    ,
. . .       ,

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

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.00197      0.00181      0.00169      0.00156      0.00148      0.00141      0.00132
0.00127      0.00122
  4215938.00 |       0.00209      0.00191      0.00178      0.00164      0.00154      0.00146      0.00138
0.00132      0.00126
  4215918.00 |       0.00221      0.00202      0.00187      0.00172      0.00162      0.00152      0.00143
0.00137      0.00130
  4215898.00 |       0.00234      0.00215      0.00197      0.00180      0.00170      0.00158      0.00150
0.00143      0.00135
  4215878.00 |       0.00249      0.00229      0.00208      0.00190      0.00179      0.00166      0.00157
0.00150      0.00141
  4215858.00 |       0.00267      0.00245      0.00221      0.00200      0.00189      0.00175      0.00166
0.00157      0.00148
  4215838.00 |       0.00288      0.00263      0.00236      0.00212      0.00199      0.00185      0.00175
0.00165      0.00156
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  4215818.00 |       0.00316      0.00285      0.00252      0.00226      0.00211      0.00197      0.00186
0.00173      0.00163
  4215798.00 |       0.00346      0.00310      0.00272      0.00245      0.00224      0.00211      0.00198
0.00183      0.00171
  4215778.00 |       0.00385      0.00338      0.00299      0.00265      0.00243      0.00227      0.00211
0.00195      0.00178
  4215758.00 |       0.00432      0.00373      0.00325      0.00288      0.00264      0.00245      0.00223
0.00206      0.00186
  4215738.00 |       0.00502      0.00415      0.00357      0.00314      0.00290      0.00269      0.00240
0.00217      0.00189
  4215718.00 |       0.00597      0.00473      0.00400      0.00347      0.00318      0.00292      0.00259
0.00230      0.00187
  4215698.00 |       0.00488      0.00556      0.00453      0.00385      0.00353      0.00313      0.00272
0.00233      0.00183
  4215678.00 |       0.00555      0.00573      0.00531      0.00437      0.00395      0.00346      0.00298
0.00237      0.00178
  4215658.00 |       0.00566      0.00516      0.00625      0.00504      0.00444      0.00374      0.00308
0.00223      0.00184
  4215638.00 |       0.00536      0.00557      0.00481      0.00598      0.00500      0.00409      0.00292
0.00230      0.00191
  4215618.00 |       0.00478      0.00535      0.00521      0.00445      0.00576      0.00420      0.00305
0.00239      0.00189
  4215598.00 |       0.00559      0.00524      0.00536      0.00503      0.00647      0.00430      0.00318
0.00242      0.00195
  4215578.00 |       0.00501      0.00552      0.00597      0.00565      0.00485      0.00461      0.00316
0.00242      0.00191
  4215558.00 |       0.00513      0.00536      0.00548      0.00570      0.00517      0.00454      0.00320
0.00238      0.00187
  4215538.00 |       0.00393      0.00496      0.00507      0.00494      0.00701      0.00461      0.00321
0.00240      0.00190
  4215518.00 |       0.00388      0.00448      0.00600      0.00727      0.00592      0.00467      0.00323
0.00246      0.00196
  4215498.00 |       0.00403      0.00587      0.00657      0.00593      0.00513      0.00447      0.00330
0.00239      0.00196
  4215478.00 |       0.00651      0.00587      0.00546      0.00498      0.00446      0.00413      0.00348
0.00256      0.00192
  4215458.00 |       0.00553      0.00498      0.00460      0.00427      0.00389      0.00373      0.00332
0.00265      0.00203
  4215438.00 |       0.00455      0.00428      0.00400      0.00372      0.00335      0.00343      0.00314
0.00271      0.00216
  4215418.00 |       0.00398      0.00377      0.00354      0.00332      0.00296      0.00302      0.00294
0.00257      0.00221
  4215398.00 |       0.00341      0.00332      0.00316      0.00299      0.00271      0.00268      0.00269
0.00252      0.00218
  4215378.00 |       0.00302      0.00297      0.00285      0.00270      0.00244      0.00243      0.00248
0.00243      0.00210
  4215358.00 |       0.00270      0.00265      0.00256      0.00248      0.00225      0.00220      0.00224
0.00223      0.00211
  4215338.00 |       0.00244      0.00239      0.00231      0.00228      0.00207      0.00199      0.00203
0.00203      0.00203
  4215318.00 |       0.00221      0.00214      0.00210      0.00210      0.00189      0.00184      0.00186
0.00193      0.00188
  4215298.00 |       0.00200      0.00194      0.00187      0.00193      0.00174      0.00169      0.00168
0.00175      0.00173
  4215278.00 |       0.00179      0.00177      0.00172      0.00179      0.00162      0.00156      0.00153
0.00159      0.00166
  4215258.00 |       0.00164      0.00161      0.00157      0.00166      0.00152      0.00144      0.00140
0.00146      0.00154
  4215238.00 |       0.00157      0.00148      0.00146      0.00153      0.00142      0.00137      0.00131
0.00130      0.00137
  4215218.00 |       0.00147      0.00139      0.00137      0.00143      0.00135      0.00130      0.00124
0.00117      0.00125
  4215198.00 |       0.00137      0.00129      0.00128      0.00131      0.00129      0.00123      0.00116
0.00110      0.00115
  4215178.00 |       0.00127      0.00120      0.00120      0.00120      0.00122      0.00117      0.00109
0.00106      0.00105
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	0.00118	0.00114	0.00116	0.00116	0.00117	0.00112	0.00103	0.00102	0.00099
4215138.00	0.00115	0.00111	0.00112	0.00110	0.00111	0.00106	0.00098	0.00096	0.00092
4215118.00	0.00110	0.00110	0.00107	0.00105	0.00104	0.00100	0.00094	0.00091	0.00088
4215098.00	0.00105	0.00105	0.00100	0.00099	0.00097	0.00094	0.00092	0.00086	0.00084
4215078.00	0.00101	0.00102	0.00095	0.00096	0.00092	0.00089	0.00088	0.00081	0.00081
4215058.00	0.00097	0.00096	0.00091	0.00091	0.00090	0.00086	0.00085	0.00077	0.00076
4215038.00	0.00093	0.00090	0.00088	0.00085	0.00087	0.00082	0.00081	0.00074	0.00073
4215018.00	0.00089	0.00087	0.00083	0.00083	0.00082	0.00080	0.00075	0.00073	0.00070
4214998.00	0.00086	0.00084	0.00081	0.00080	0.00079	0.00078	0.00074	0.00071	0.00068
4214978.00	0.00083	0.00081	0.00077	0.00077	0.00076	0.00076	0.00072	0.00069	0.00065

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.00116	0.00112	0.00107	0.00102	0.00096
4215938.00	0.00120	0.00116	0.00110	0.00104	0.00097
4215918.00	0.00124	0.00119	0.00113	0.00105	0.00097
4215898.00	0.00129	0.00123	0.00115	0.00107	0.00095
4215878.00	0.00135	0.00127	0.00118	0.00107	0.00094
4215858.00	0.00140	0.00131	0.00120	0.00104	0.00092
4215838.00	0.00145	0.00134	0.00119	0.00104	0.00088
4215818.00	0.00151	0.00138	0.00116	0.00100	0.00090
4215798.00	0.00156	0.00135	0.00117	0.00099	0.00088
4215778.00	0.00159	0.00133	0.00111	0.00099	0.00089
4215758.00	0.00155	0.00130	0.00112	0.00100	0.00092
4215738.00	0.00156	0.00128	0.00113	0.00103	0.00093
4215718.00	0.00149	0.00129	0.00116	0.00104	0.00091
4215698.00	0.00147	0.00132	0.00118	0.00102	0.00092
4215678.00	0.00154	0.00136	0.00116	0.00101	0.00089
4215658.00	0.00159	0.00134	0.00118	0.00102	0.00086
4215638.00	0.00158	0.00136	0.00113	0.00097	0.00085
4215618.00	0.00156	0.00129	0.00111	0.00099	0.00088
4215598.00	0.00158	0.00132	0.00112	0.00097	0.00083
4215578.00	0.00151	0.00127	0.00107	0.00090	0.00076
4215558.00	0.00153	0.00127	0.00103	0.00088	0.00074
4215538.00	0.00150	0.00128	0.00110	0.00093	0.00080
4215518.00	0.00157	0.00131	0.00110	0.00095	0.00083
4215498.00	0.00163	0.00138	0.00115	0.00099	0.00086
4215478.00	0.00157	0.00136	0.00120	0.00100	0.00089
4215458.00	0.00159	0.00135	0.00118	0.00104	0.00087
4215438.00	0.00168	0.00135	0.00117	0.00104	0.00092
4215418.00	0.00179	0.00143	0.00117	0.00102	0.00092
4215398.00	0.00185	0.00147	0.00121	0.00103	0.00090
4215378.00	0.00186	0.00156	0.00125	0.00104	0.00091
4215358.00	0.00182	0.00160	0.00133	0.00110	0.00092
4215338.00	0.00179	0.00158	0.00136	0.00114	0.00097
4215318.00	0.00178	0.00155	0.00141	0.00118	0.00099
4215298.00	0.00172	0.00154	0.00134	0.00123	0.00103
4215278.00	0.00160	0.00153	0.00137	0.00121	0.00108
4215258.00	0.00152	0.00148	0.00134	0.00118	0.00109
4215238.00	0.00144	0.00139	0.00131	0.00122	0.00104
4215218.00	0.00136	0.00133	0.00129	0.00118	0.00106
4215198.00	0.00120	0.00126	0.00123	0.00114	0.00109
4215178.00	0.00108	0.00119	0.00116	0.00112	0.00105

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***

INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: TK2HR   ***

INCLUDING SOURCE(S):   L0001115   , L0001116   , L0001117   , L0001118   , L0001119   ,
L0001120   , L0001121   , L0001122   , L0001123   , L0001124   , L0001125   , L0001126   , L0001127   ,
L0001128   , L0001129   , L0001130   , L0001131   , L0001132   , L0001133   , L0001134   , L0001135   ,
L0001136   , L0001137   , L0001138   , L0001139   , L0001140   , L0001141   , L0001142   , . . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00176	539351.84	4215428.70	0.00195
539361.84	4215428.70	0.00218	539371.84	4215428.70	0.00249
539381.84	4215428.70	0.00276	539341.84	4215438.70	0.00175
539351.84	4215438.70	0.00194	539361.84	4215438.70	0.00224
539371.84	4215438.70	0.00260	539381.84	4215438.70	0.00301
539341.84	4215448.70	0.00175	539351.84	4215448.70	0.00196
539361.84	4215448.70	0.00231	539371.84	4215448.70	0.00266
539381.84	4215448.70	0.00319	539341.84	4215458.70	0.00172
539351.84	4215458.70	0.00191	539361.84	4215458.70	0.00232
539371.84	4215458.70	0.00283	539381.84	4215458.70	0.00343
539341.84	4215468.70	0.00164	539351.84	4215468.70	0.00193
539361.84	4215468.70	0.00238	539371.84	4215468.70	0.00290
539381.84	4215468.70	0.00363	539113.88	4215517.52	0.00094
539096.52	4215515.99	0.00090	539108.26	4215501.18	0.00091
539096.01	4215500.67	0.00089	539108.26	4215486.38	0.00089

539094.47	4215485.36	0.00087	539135.32	4215461.36	0.00094
539150.13	4215439.91	0.00094	539114.39	4215452.68	0.00087
539123.07	4215439.40	0.00088	539159.32	4215421.02	0.00095
539145.02	4215416.43	0.00091	539134.30	4215410.81	0.00087
539131.75	4215425.11	0.00088	539206.80	4215383.75	0.00100
539215.99	4215372.52	0.00103	539188.93	4215382.22	0.00095
539176.17	4215379.67	0.00093	539165.44	4215376.09	0.00091
539248.79	4215356.71	0.00115	539243.45	4215348.45	0.00113
539265.58	4215345.25	0.00122	539260.78	4215338.05	0.00120
539256.25	4215351.38	0.00119	539272.77	4215331.92	0.00122
539264.78	4215324.99	0.00118	539280.77	4215321.79	0.00118
539279.97	4215307.14	0.00116	539287.97	4215313.80	0.00122
539297.83	4215304.74	0.00123	539289.56	4215296.21	0.00119
539311.15	4215287.68	0.00124	539303.69	4215281.28	0.00119
539303.69	4215296.21	0.00122	539314.25	4215271.79	0.00122
539329.09	4215260.48	0.00122	539339.69	4215237.16	0.00124
539357.36	4215232.92	0.00131	539394.11	4215199.70	0.00133
539044.99	4215579.21	0.00083	539034.39	4215591.93	0.00080
539054.88	4215556.59	0.00084	539058.42	4215538.92	0.00083
539054.88	4215520.55	0.00081	539082.44	4215477.44	0.00084
539073.96	4215466.13	0.00082	539098.70	4215440.69	0.00083
539109.30	4215426.56	0.00084	539117.07	4215415.96	0.00084
539125.55	4215401.11	0.00085	539158.77	4215367.19	0.00089
539150.29	4215357.30	0.00087	539184.21	4215339.63	0.00092
539222.37	4215324.79	0.00104	539243.58	4215317.72	0.00110

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001115 , L0001116 , L0001117 , L0001118 , L0001119 ,
L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 ,
L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 ,
L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00120	539364.42	4215191.93	0.00118
539344.64	4215200.41	0.00121	539409.65	4215113.48	0.00113
539355.94	4215136.80	0.00104	539262.66	4215288.75	0.00107
539282.44	4215261.19	0.00106	539299.41	4215235.04	0.00108
538948.91	4216164.24	0.00126	539351.64	4215795.94	0.00561
539171.40	4215646.30	0.00131	539358.95	4215583.01	0.00244
539293.80	4215538.56	0.00157	539260.82	4215517.04	0.00138
539279.41	4215503.60	0.00132	539292.18	4215495.55	0.00131
539318.95	4215487.21	0.00128	539337.11	4215482.84	0.00146
539356.14	4215482.00	0.00205	539369.89	4215483.02	0.00271
539384.66	4215486.57	0.00235	539391.49	4215490.91	0.00259
539342.66	4215571.90	0.00212	539326.38	4215560.79	0.00193
539310.09	4215549.67	0.00173	539277.31	4215527.80	0.00146
539270.11	4215510.32	0.00134	539305.56	4215491.38	0.00127
539384.98	4215509.33	0.00324	539378.47	4215527.75	0.00275
539371.97	4215546.17	0.00259	539365.46	4215564.59	0.00249

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00006	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005
4215938.00	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
4215918.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005		

0.00004 0.00004
4215898.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00004 0.00004
0.00004 0.00004
4215878.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215858.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215838.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00003
4215818.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00003 0.00003
4215798.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00003
0.00003 0.00003
4215778.00 | 0.00003 0.00003 0.00004 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
4215758.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
4215738.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
4215718.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
4215698.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00003
4215678.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00002
4215658.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00002 0.00002
0.00002 0.00002
4215638.00 | 0.00003 0.00003 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215618.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215598.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215578.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215558.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215538.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215518.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215498.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215478.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215458.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215438.00 | 0.00002 0.00002 0.00001 0.00001 0.00001 0.00001 0.00002
0.00002 0.00002
4215418.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002
0.00002 0.00002
4215398.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00002 0.00001
4215378.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215358.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215338.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215318.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215298.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215278.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215258.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215238.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001

(METERS)	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215938.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003
4215918.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003
4215898.00	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003
4215878.00	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215858.00	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215838.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002
4215818.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
4215798.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
4215778.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
4215758.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215738.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215718.00	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215698.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215678.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215658.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215638.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215618.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215598.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215578.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215558.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215538.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215518.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215498.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215478.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
4215458.00	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
4215438.00	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
4215418.00	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215398.00	0.00001	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215378.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215358.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215338.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0001093   , L0001094   , L0001095   , L0001096   ,
L0001097   ,
                L0001098   , L0001099   , L0001100   , L0001101   , L0001102   , L0001103   ,

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

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214998.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:

WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
4215938.00	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
4215918.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001
4215898.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001
4215878.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
4215858.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
4215838.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
4215818.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
4215798.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
4215778.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
4215758.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001
4215738.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215718.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215698.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215678.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215658.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215638.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
4215618.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
4215598.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
4215578.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
4215558.00	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
4215538.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215518.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215498.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215478.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215458.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215438.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

  4215418.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215398.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215378.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215358.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215338.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0001093   , L0001094   , L0001095   , L0001096   ,
L0001097   ,
                L0001098   , L0001099   , L0001100   , L0001101   , L0001102   , L0001103   ,

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

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214998.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215938.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215918.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215898.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215878.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215858.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215838.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215818.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215798.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215778.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215758.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215738.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215718.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215698.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215678.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215658.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215638.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215618.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215598.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215578.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215558.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215538.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

  4215518.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215498.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215478.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215458.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215438.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215418.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215398.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215378.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215358.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215338.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0001093   , L0001094   , L0001095   , L0001096   ,
L0001097   ,
                L0001098   , L0001099   , L0001100   , L0001101   , L0001102   , L0001103   ,

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

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001

0.00001 0.00001
4215058.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215038.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215018.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4214998.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4214978.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215938.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215918.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215898.00	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
4215878.00	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
4215858.00	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
4215838.00	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
4215818.00	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
4215798.00	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
4215778.00	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
4215758.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215738.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215718.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215698.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215678.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215658.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215638.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000

```
  4215618.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00000      0.00000
0.00000      0.00000
  4215598.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00000      0.00000
0.00000      0.00000
  4215578.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00000
0.00000      0.00000
  4215558.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00000
0.00000      0.00000
  4215538.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00000
0.00000      0.00000
  4215518.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00000      0.00000
0.00000      0.00000
  4215498.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00000
0.00000      0.00000
  4215478.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00000
0.00000      0.00000
  4215458.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00000
0.00000      0.00000
  4215438.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00000
0.00000      0.00000
  4215418.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00000
0.00000      0.00000
  4215398.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00000      0.00000
  4215378.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00000      0.00000
  4215358.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00000
  4215338.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00000
  4215318.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00000
  4215298.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00000
  4215278.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00000
  4215258.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00000      0.00000
  4215238.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00000
  4215218.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00000
  4215198.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215178.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 363
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                                INCLUDING SOURCE(S):     L0001093    , L0001094    , L0001095    , L0001096    ,
L0001097    ,
                L0001098    , L0001099    , L0001100    , L0001101    , L0001102    , L0001103    ,

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

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215938.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215918.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215898.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215878.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215858.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215838.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215818.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215798.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215778.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215758.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215738.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215718.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215698.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215678.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215658.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215638.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215618.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215598.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215578.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215558.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215538.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215518.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215498.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215478.00	0.00000	0.00000	0.00000	0.00000	0.00000

 4215458.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215438.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215418.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215398.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215378.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215358.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215338.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215318.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215298.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215278.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215258.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215238.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215218.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215198.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215178.00 | 0.00000   0.00000   0.00000   0.00000   0.00000

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0001093   , L0001094   , L0001095   , L0001096   ,
L0001097   ,
               L0001098   , L0001099   , L0001100   , L0001101   , L0001102   , L0001103   ,

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

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

 4215158.00 | 0.00001   0.00000   0.00000   0.00000   0.00000
 4215138.00 | 0.00001   0.00000   0.00000   0.00000   0.00000
 4215118.00 | 0.00001   0.00000   0.00000   0.00000   0.00000
 4215098.00 | 0.00001   0.00001   0.00000   0.00000   0.00000
 4215078.00 | 0.00001   0.00001   0.00000   0.00000   0.00000
 4215058.00 | 0.00001   0.00001   0.00000   0.00000   0.00000
 4215038.00 | 0.00001   0.00001   0.00001   0.00000   0.00000
 4215018.00 | 0.00001   0.00001   0.00001   0.00000   0.00000
 4214998.00 | 0.00001   0.00001   0.00001   0.00000   0.00000
 4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00000

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0001093   , L0001094   , L0001095   , L0001096   ,
L0001097   ,
               L0001098   , L0001099   , L0001100   , L0001101   , L0001102   , L0001103   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

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

539341.84	4215428.70	0.00001	539351.84	4215428.70	0.00001
539361.84	4215428.70	0.00001	539371.84	4215428.70	0.00001
539381.84	4215428.70	0.00001	539341.84	4215438.70	0.00001
539351.84	4215438.70	0.00001	539361.84	4215438.70	0.00001
539371.84	4215438.70	0.00001	539381.84	4215438.70	0.00001
539341.84	4215448.70	0.00001	539351.84	4215448.70	0.00001
539361.84	4215448.70	0.00001	539371.84	4215448.70	0.00001
539381.84	4215448.70	0.00001	539341.84	4215458.70	0.00001
539351.84	4215458.70	0.00001	539361.84	4215458.70	0.00001
539371.84	4215458.70	0.00001	539381.84	4215458.70	0.00001
539341.84	4215468.70	0.00001	539351.84	4215468.70	0.00001
539361.84	4215468.70	0.00001	539371.84	4215468.70	0.00001
539381.84	4215468.70	0.00001	539113.88	4215517.52	0.00001
539096.52	4215515.99	0.00002	539108.26	4215501.18	0.00001
539096.01	4215500.67	0.00002	539108.26	4215486.38	0.00001
539094.47	4215485.36	0.00001	539135.32	4215461.36	0.00001
539150.13	4215439.91	0.00001	539114.39	4215452.68	0.00001
539123.07	4215439.40	0.00001	539159.32	4215421.02	0.00001
539145.02	4215416.43	0.00001	539134.30	4215410.81	0.00001
539131.75	4215425.11	0.00001	539206.80	4215383.75	0.00001
539215.99	4215372.52	0.00001	539188.93	4215382.22	0.00001
539176.17	4215379.67	0.00001	539165.44	4215376.09	0.00001
539248.79	4215356.71	0.00001	539243.45	4215348.45	0.00001
539265.58	4215345.25	0.00001	539260.78	4215338.05	0.00001
539256.25	4215351.38	0.00001	539272.77	4215331.92	0.00001
539264.78	4215324.99	0.00001	539280.77	4215321.79	0.00001
539279.97	4215307.14	0.00001	539287.97	4215313.80	0.00001
539297.83	4215304.74	0.00001	539289.56	4215296.21	0.00001
539311.15	4215287.68	0.00001	539303.69	4215281.28	0.00001
539303.69	4215296.21	0.00001	539314.25	4215271.79	0.00001
539329.09	4215260.48	0.00001	539339.69	4215237.16	0.00001
539357.36	4215232.92	0.00001	539394.11	4215199.70	0.00001
539044.99	4215579.21	0.00002	539034.39	4215591.93	0.00002
539054.88	4215556.59	0.00002	539058.42	4215538.92	0.00002
539054.88	4215520.55	0.00002	539082.44	4215477.44	0.00001

539073.96	4215466.13	0.00001	539098.70	4215440.69	0.00001
539109.30	4215426.56	0.00001	539117.07	4215415.96	0.00001
539125.55	4215401.11	0.00001	539158.77	4215367.19	0.00001
539150.29	4215357.30	0.00001	539184.21	4215339.63	0.00001
539222.37	4215324.79	0.00001	539243.58	4215317.72	0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0001093 , L0001094 , L0001095 , L0001096 , L0001097 ,
L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00001	539364.42	4215191.93	0.00001
539344.64	4215200.41	0.00001	539409.65	4215113.48	0.00001
539355.94	4215136.80	0.00001	539262.66	4215288.75	0.00001
539282.44	4215261.19	0.00001	539299.41	4215235.04	0.00001
538948.91	4216164.24	0.00009	539351.64	4215795.94	0.00001
539171.40	4215646.30	0.00002	539358.95	4215583.01	0.00001
539293.80	4215538.56	0.00001	539260.82	4215517.04	0.00001
539279.41	4215503.60	0.00001	539292.18	4215495.55	0.00001
539318.95	4215487.21	0.00001	539337.11	4215482.84	0.00001
539356.14	4215482.00	0.00001	539369.89	4215483.02	0.00001
539384.66	4215486.57	0.00001	539391.49	4215490.91	0.00001
539342.66	4215571.90	0.00001	539326.38	4215560.79	0.00001
539310.09	4215549.67	0.00001	539277.31	4215527.80	0.00001
539270.11	4215510.32	0.00001	539305.56	4215491.38	0.00001
539384.98	4215509.33	0.00001	539378.47	4215527.75	0.00001
539371.97	4215546.17	0.00001	539365.46	4215564.59	0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215938.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215918.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215898.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215878.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215858.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215838.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215818.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215798.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215778.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215758.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215738.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215718.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215698.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215678.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215658.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215638.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215618.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215598.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215578.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215558.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215538.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215518.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002		

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215138.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215118.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002		

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00
539064.00	539084.00						
4215958.00	0.00004	0.00004	0.00005	0.00005	0.00006	0.00006	0.00007
0.00008	0.00009						
4215938.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007
0.00007	0.00008						
4215918.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006	0.00006
0.00007	0.00008						
4215898.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006
0.00007	0.00008						
4215878.00	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006
0.00006	0.00007						
4215858.00	0.00003	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006
0.00006	0.00007						
4215838.00	0.00003	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006
0.00006	0.00006						
4215818.00	0.00003	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005
0.00006	0.00006						
4215798.00	0.00003	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005
0.00006	0.00006						
4215778.00	0.00003	0.00003	0.00004	0.00004	0.00004	0.00005	0.00005
0.00005	0.00006						
4215758.00	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00005
0.00005	0.00006						
4215738.00	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00005
0.00005	0.00005						
4215718.00	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00005

0.00005 0.00005
4215698.00 | 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005
4215678.00 | 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005
4215658.00 | 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004
0.00005 0.00005
4215638.00 | 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004
0.00005 0.00005
4215618.00 | 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004
0.00004 0.00005
4215598.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004
0.00004 0.00005
4215578.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004
0.00004 0.00004
4215558.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004
0.00004 0.00004
4215538.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004
0.00004 0.00004
4215518.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004
0.00004 0.00004
4215498.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004
0.00004 0.00004
4215478.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004
0.00004 0.00004
4215458.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00004 0.00004
4215438.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00004 0.00004
4215418.00 | 0.00002 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00004 0.00004
4215398.00 | 0.00002 0.00002 0.00003 0.00003 0.00003 0.00003 0.00003
0.00004 0.00004
4215378.00 | 0.00002 0.00002 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00004
4215358.00 | 0.00002 0.00002 0.00002 0.00003 0.00003 0.00003 0.00003
0.00003 0.00004
4215338.00 | 0.00002 0.00002 0.00002 0.00002 0.00003 0.00003 0.00003
0.00003 0.00003
4215318.00 | 0.00002 0.00002 0.00002 0.00002 0.00003 0.00003 0.00003
0.00003 0.00003
4215298.00 | 0.00002 0.00002 0.00002 0.00002 0.00003 0.00003 0.00003
0.00003 0.00003
4215278.00 | 0.00002 0.00002 0.00002 0.00002 0.00003 0.00003 0.00003
0.00003 0.00003
4215258.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003 0.00003
0.00003 0.00003
4215238.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003 0.00003
0.00003 0.00003
4215218.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003 0.00003
0.00003 0.00003
4215198.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003 0.00003
0.00003 0.00003
4215178.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003 0.00003
0.00003 0.00003

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,

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                L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,
                L0001206    , L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,
. . .      ,

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

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00003      0.00003
0.00003      0.00003
  4215138.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00003      0.00003
0.00003      0.00003
  4215118.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00003      0.00003
0.00003      0.00003
  4215098.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00003
0.00003      0.00003
  4215078.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00003
0.00003      0.00003
  4215058.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00003      0.00003
  4215038.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00003      0.00003
  4215018.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00003      0.00003
  4214998.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00003
  4214978.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00003
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 372
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                  INCLUDING SOURCE(S):     L0001185    , L0001186    , L0001187    , L0001188    ,
L0001189    ,
                L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    ,
L0001197    ,
                L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,
                L0001206    , L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,
. . .      ,

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

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.00010      0.00012      0.00014      0.00016      0.00020      0.00025      0.00035
0.00042      0.00035
  4215938.00 |       0.00009      0.00011      0.00012      0.00014      0.00017      0.00021      0.00027
0.00041      0.00034
  4215918.00 |       0.00009      0.00010      0.00011      0.00013      0.00015      0.00018      0.00023
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0.00031 0.00031
4215898.00 | 0.00008 0.00009 0.00010 0.00012 0.00014 0.00016 0.00020
0.00025 0.00036
4215878.00 | 0.00008 0.00009 0.00010 0.00011 0.00013 0.00015 0.00017
0.00021 0.00027
4215858.00 | 0.00007 0.00008 0.00009 0.00010 0.00012 0.00013 0.00016
0.00018 0.00023
4215838.00 | 0.00007 0.00008 0.00009 0.00009 0.00011 0.00012 0.00014
0.00016 0.00020
4215818.00 | 0.00007 0.00007 0.00008 0.00009 0.00010 0.00011 0.00013
0.00015 0.00017
4215798.00 | 0.00006 0.00007 0.00008 0.00008 0.00009 0.00010 0.00012
0.00013 0.00015
4215778.00 | 0.00006 0.00007 0.00007 0.00008 0.00009 0.00010 0.00011
0.00012 0.00014
4215758.00 | 0.00006 0.00006 0.00007 0.00008 0.00008 0.00009 0.00010
0.00011 0.00013
4215738.00 | 0.00006 0.00006 0.00007 0.00007 0.00008 0.00009 0.00010
0.00011 0.00012
4215718.00 | 0.00006 0.00006 0.00006 0.00007 0.00007 0.00008 0.00009
0.00010 0.00011
4215698.00 | 0.00006 0.00006 0.00006 0.00007 0.00007 0.00008 0.00008
0.00009 0.00010
4215678.00 | 0.00005 0.00006 0.00006 0.00006 0.00007 0.00007 0.00008
0.00009 0.00010
4215658.00 | 0.00005 0.00005 0.00006 0.00006 0.00007 0.00007 0.00008
0.00008 0.00009
4215638.00 | 0.00005 0.00005 0.00006 0.00006 0.00006 0.00007 0.00007
0.00008 0.00009
4215618.00 | 0.00005 0.00005 0.00005 0.00006 0.00006 0.00007 0.00007
0.00008 0.00008
4215598.00 | 0.00005 0.00005 0.00005 0.00006 0.00006 0.00006 0.00007
0.00007 0.00008
4215578.00 | 0.00005 0.00005 0.00005 0.00006 0.00006 0.00006 0.00007
0.00007 0.00008
4215558.00 | 0.00005 0.00005 0.00005 0.00005 0.00006 0.00006 0.00007
0.00007 0.00007
4215538.00 | 0.00004 0.00005 0.00005 0.00005 0.00006 0.00006 0.00006
0.00007 0.00007
4215518.00 | 0.00004 0.00005 0.00005 0.00005 0.00005 0.00006 0.00006
0.00007 0.00007
4215498.00 | 0.00004 0.00004 0.00005 0.00005 0.00005 0.00005 0.00006
0.00006 0.00006
4215478.00 | 0.00004 0.00004 0.00004 0.00005 0.00005 0.00005 0.00006
0.00006 0.00007
4215458.00 | 0.00004 0.00004 0.00004 0.00005 0.00005 0.00005 0.00006
0.00006 0.00006
4215438.00 | 0.00004 0.00004 0.00004 0.00005 0.00005 0.00005 0.00005
0.00006 0.00006
4215418.00 | 0.00004 0.00004 0.00004 0.00004 0.00005 0.00005 0.00005
0.00005 0.00006
4215398.00 | 0.00004 0.00004 0.00004 0.00004 0.00005 0.00005 0.00005
0.00005 0.00006
4215378.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005 0.00005
0.00005 0.00006
4215358.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005
0.00005 0.00006
4215338.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005
0.00005 0.00005
4215318.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005
0.00005 0.00005
4215298.00 | 0.00003 0.00004 0.00004 0.00004 0.00004 0.00005 0.00005
0.00005 0.00005
4215278.00 | 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005
0.00005 0.00005
4215258.00 | 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005
4215238.00 | 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00005

```
  4215218.00 |       0.00003      0.00003      0.00003      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215198.00 |       0.00003      0.00003      0.00003      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215178.00 |       0.00003      0.00003      0.00003      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 373
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):     L0001185    , L0001186    , L0001187    , L0001188    ,
L0001189    ,
                L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    ,
L0001197    ,
                L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,
                L0001206    , L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,
. . .       ,

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

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00003      0.00003      0.00003      0.00003      0.00004      0.00004      0.00004
0.00004      0.00004
  4215138.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00004      0.00004
0.00004      0.00004
  4215118.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00004
0.00004      0.00004
  4215098.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00004
0.00004      0.00004
  4215078.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00004
0.00004      0.00004
  4215058.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00004      0.00004
  4215038.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00004      0.00004
  4215018.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00004
  4214998.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00004
  4214978.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 374
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):     L0001185    , L0001186    , L0001187    , L0001188    ,
L0001189    ,
                L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    ,
L0001197    ,
```

L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00030	0.00033	0.00025	0.00020	0.00016	0.00014	0.00013	0.00012	0.00011
4215938.00	0.00034	0.00028	0.00030	0.00023	0.00018	0.00015	0.00014	0.00012	0.00011
4215918.00	0.00035	0.00033	0.00030	0.00027	0.00021	0.00017	0.00015	0.00013	0.00012
4215898.00	0.00034	0.00036	0.00038	0.00033	0.00025	0.00020	0.00017	0.00015	0.00013
4215878.00	0.00035	0.00037	0.00034	0.00033	0.00030	0.00023	0.00019	0.00016	0.00014
4215858.00	0.00031	0.00038	0.00038	0.00032	0.00030	0.00027	0.00021	0.00018	0.00015
4215838.00	0.00025	0.00035	0.00033	0.00038	0.00030	0.00034	0.00025	0.00020	0.00017
4215818.00	0.00021	0.00027	0.00032	0.00035	0.00037	0.00028	0.00031	0.00023	0.00019
4215798.00	0.00019	0.00023	0.00031	0.00035	0.00037	0.00037	0.00034	0.00027	0.00022
4215778.00	0.00016	0.00020	0.00025	0.00035	0.00040	0.00035	0.00033	0.00036	0.00025
4215758.00	0.00015	0.00017	0.00021	0.00027	0.00034	0.00037	0.00035	0.00035	0.00031
4215738.00	0.00013	0.00015	0.00018	0.00023	0.00030	0.00029	0.00029	0.00033	0.00031
4215718.00	0.00012	0.00014	0.00016	0.00020	0.00024	0.00033	0.00032	0.00037	0.00030
4215698.00	0.00011	0.00013	0.00015	0.00017	0.00021	0.00027	0.00031	0.00035	0.00035
4215678.00	0.00011	0.00012	0.00013	0.00016	0.00018	0.00022	0.00029	0.00034	0.00035
4215658.00	0.00010	0.00011	0.00012	0.00014	0.00016	0.00020	0.00024	0.00033	0.00037
4215638.00	0.00010	0.00011	0.00012	0.00013	0.00015	0.00018	0.00021	0.00026	0.00037
4215618.00	0.00009	0.00010	0.00011	0.00012	0.00014	0.00016	0.00019	0.00023	0.00029
4215598.00	0.00009	0.00010	0.00010	0.00012	0.00013	0.00015	0.00017	0.00020	0.00025
4215578.00	0.00008	0.00009	0.00010	0.00011	0.00013	0.00015	0.00017	0.00019	0.00022
4215558.00	0.00008	0.00009	0.00009	0.00011	0.00013	0.00015	0.00017	0.00020	0.00024
4215538.00	0.00008	0.00008	0.00009	0.00010	0.00012	0.00015	0.00019	0.00023	0.00031
4215518.00	0.00007	0.00007	0.00007	0.00008	0.00011	0.00017	0.00025	0.00021	0.00018
4215498.00	0.00006	0.00006	0.00007	0.00008	0.00012	0.00012	0.00018	0.00017	0.00018
4215478.00	0.00007	0.00006	0.00007	0.00009	0.00013	0.00012	0.00018	0.00016	0.00025
4215458.00	0.00007	0.00007	0.00008	0.00009	0.00012	0.00020	0.00016	0.00035	0.00034
4215438.00	0.00006	0.00007	0.00008	0.00009	0.00012	0.00016	0.00022	0.00026	0.00027

  4215418.00 | 0.00006   0.00007   0.00008   0.00009   0.00011   0.00015   0.00018
0.00021   0.00022
  4215398.00 | 0.00006   0.00007   0.00008   0.00009   0.00010   0.00012   0.00015
0.00018   0.00018
  4215378.00 | 0.00006   0.00007   0.00007   0.00008   0.00009   0.00011   0.00013
0.00016   0.00015
  4215358.00 | 0.00006   0.00006   0.00007   0.00008   0.00009   0.00010   0.00012
0.00013   0.00014
  4215338.00 | 0.00006   0.00006   0.00007   0.00007   0.00008   0.00009   0.00010
0.00012   0.00012
  4215318.00 | 0.00006   0.00006   0.00006   0.00007   0.00008   0.00009   0.00010
0.00011   0.00011
  4215298.00 | 0.00005   0.00006   0.00006   0.00007   0.00007   0.00008   0.00009
0.00010   0.00010
  4215278.00 | 0.00005   0.00006   0.00006   0.00006   0.00007   0.00008   0.00008
0.00009   0.00009
  4215258.00 | 0.00005   0.00005   0.00006   0.00006   0.00007   0.00007   0.00007
0.00008   0.00009
  4215238.00 | 0.00005   0.00005   0.00006   0.00006   0.00006   0.00007   0.00007
0.00008   0.00008
  4215218.00 | 0.00005   0.00005   0.00005   0.00006   0.00006   0.00006   0.00007
0.00008   0.00007
  4215198.00 | 0.00005   0.00005   0.00005   0.00006   0.00006   0.00006   0.00007
0.00007   0.00007
  4215178.00 | 0.00005   0.00005   0.00005   0.00005   0.00005   0.00006   0.00006
0.00006   0.00006

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):   L0001185   , L0001186   , L0001187   , L0001188   ,
L0001189   ,
                L0001190   , L0001191   , L0001192   , L0001193   , L0001194   , L0001195   , L0001196   ,
L0001197   ,
                L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   , L0001204   ,
L0001205   ,
                L0001206   , L0001207   , L0001208   , L0001209   , L0001210   , L0001211   , L0001212   ,
. . .   ,

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

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 0.00004   0.00005   0.00005   0.00005   0.00005   0.00006   0.00006
0.00006   0.00006
  4215138.00 | 0.00004   0.00005   0.00005   0.00005   0.00005   0.00005   0.00006
0.00006   0.00006
  4215118.00 | 0.00004   0.00005   0.00005   0.00005   0.00005   0.00005   0.00005
0.00005   0.00005
  4215098.00 | 0.00004   0.00004   0.00005   0.00005   0.00005   0.00005   0.00005
0.00005   0.00005
  4215078.00 | 0.00004   0.00004   0.00004   0.00004   0.00005   0.00005   0.00005
0.00005   0.00005
  4215058.00 | 0.00004   0.00004   0.00004   0.00004   0.00005   0.00005   0.00004
0.00004   0.00004
  4215038.00 | 0.00004   0.00004   0.00004   0.00004   0.00004   0.00004   0.00004
0.00004   0.00004

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):   L0001185   , L0001186   , L0001187   , L0001188   ,
L0001189   ,
                L0001190   , L0001191   , L0001192   , L0001193   , L0001194   , L0001195   , L0001196   ,
L0001197   ,
                L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   , L0001204   ,
L0001205   ,
                L0001206   , L0001207   , L0001208   , L0001209   , L0001210   , L0001211   , L0001212   ,
. . .   ,

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

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215958.00 | 0.00010   0.00009   0.00008   0.00008   0.00007   0.00007   0.00007
0.00006   0.00006
  4215938.00 | 0.00011   0.00010   0.00009   0.00008   0.00008   0.00007   0.00007
0.00006   0.00006
  4215918.00 | 0.00011   0.00010   0.00009   0.00008   0.00008   0.00008   0.00007
0.00007   0.00007
  4215898.00 | 0.00012   0.00011   0.00010   0.00009   0.00008   0.00008   0.00007
0.00007   0.00007
  4215878.00 | 0.00013   0.00012   0.00010   0.00009   0.00009   0.00008   0.00008
0.00007   0.00007
  4215858.00 | 0.00014   0.00013   0.00011   0.00010   0.00009   0.00009   0.00008
0.00008   0.00008
  4215838.00 | 0.00015   0.00014   0.00012   0.00011   0.00010   0.00009   0.00009
0.00008   0.00008
  4215818.00 | 0.00017   0.00015   0.00013   0.00012   0.00011   0.00010   0.00009
0.00009   0.00008
  4215798.00 | 0.00018   0.00016   0.00014   0.00013   0.00011   0.00011   0.00010
0.00010   0.00009
  4215778.00 | 0.00021   0.00018   0.00016   0.00014   0.00012   0.00011   0.00011
0.00010   0.00009
  4215758.00 | 0.00024   0.00020   0.00017   0.00015   0.00014   0.00012   0.00012
0.00011   0.00010
  4215738.00 | 0.00029   0.00023   0.00019   0.00017   0.00015   0.00014   0.00013
0.00012   0.00010
  4215718.00 | 0.00037   0.00027   0.00022   0.00019   0.00017   0.00015   0.00014
0.00012   0.00010
  4215698.00 | 0.00038   0.00033   0.00026   0.00021   0.00019   0.00017   0.00015
0.00012   0.00010
  4215678.00 | 0.00032   0.00035   0.00031   0.00025   0.00022   0.00019   0.00016
0.00012   0.00009
  4215658.00 | 0.00035   0.00030   0.00039   0.00030   0.00025   0.00021   0.00017
0.00012   0.00009
  4215638.00 | 0.00032   0.00034   0.00029   0.00037   0.00029   0.00024   0.00016
0.00012   0.00010

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  4215618.00 |       0.00028      0.00033      0.00031      0.00026      0.00035      0.00024      0.00016
0.00013      0.00010
  4215598.00 |       0.00033      0.00031      0.00032      0.00030      0.00042      0.00025      0.00017
0.00013      0.00010
  4215578.00 |       0.00028      0.00032      0.00037      0.00036      0.00030      0.00027      0.00018
0.00013      0.00010
  4215558.00 |       0.00030      0.00029      0.00037      0.00035      0.00032      0.00026      0.00017
0.00012      0.00009
  4215538.00 |       0.00022      0.00029      0.00030      0.00029      0.00045      0.00026      0.00017
0.00012      0.00009
  4215518.00 |       0.00023      0.00025      0.00038      0.00045      0.00036      0.00027      0.00017
0.00013      0.00010
  4215498.00 |       0.00023      0.00035      0.00040      0.00034      0.00031      0.00025      0.00017
0.00013      0.00010
  4215478.00 |       0.00042      0.00035      0.00031      0.00027      0.00025      0.00023      0.00018
0.00013      0.00010
  4215458.00 |       0.00032      0.00028      0.00025      0.00023      0.00021      0.00021      0.00018
0.00014      0.00010
  4215438.00 |       0.00025      0.00023      0.00021      0.00020      0.00018      0.00018      0.00017
0.00013      0.00011
  4215418.00 |       0.00022      0.00020      0.00019      0.00017      0.00016      0.00016      0.00016
0.00014      0.00011
  4215398.00 |       0.00018      0.00017      0.00016      0.00015      0.00014      0.00014      0.00014
0.00013      0.00011
  4215378.00 |       0.00016      0.00015      0.00014      0.00014      0.00013      0.00012      0.00013
0.00012      0.00011
  4215358.00 |       0.00014      0.00014      0.00013      0.00013      0.00012      0.00011      0.00011
0.00011      0.00010
  4215338.00 |       0.00013      0.00012      0.00012      0.00012      0.00011      0.00010      0.00010
0.00011      0.00010
  4215318.00 |       0.00011      0.00011      0.00010      0.00011      0.00010      0.00009      0.00009
0.00010      0.00009
  4215298.00 |       0.00010      0.00010      0.00009      0.00010      0.00009      0.00009      0.00008
0.00009      0.00009
  4215278.00 |       0.00009      0.00009      0.00009      0.00009      0.00008      0.00008      0.00007
0.00008      0.00008
  4215258.00 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00007      0.00007
0.00007      0.00007
  4215238.00 |       0.00008      0.00007      0.00007      0.00008      0.00007      0.00007      0.00007
0.00007      0.00007
  4215218.00 |       0.00007      0.00007      0.00007      0.00007      0.00007      0.00006      0.00006
0.00006      0.00006
  4215198.00 |       0.00007      0.00006      0.00006      0.00006      0.00006      0.00006      0.00006
0.00006      0.00006
  4215178.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00006      0.00005
0.00005      0.00005
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):     L0001185    , L0001186    , L0001187    , L0001188    ,
L0001189    ,
                L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    ,
L0001197    ,
                L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,
                L0001206    , L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,
. . .       ,

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

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **
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```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00006      0.00005
0.00005      0.00005
  4215138.00 |       0.00006      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215118.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00004
  4215098.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00004
0.00004      0.00004
  4215078.00 |       0.00005      0.00005      0.00004      0.00005      0.00004      0.00004      0.00004
0.00004      0.00004
  4215058.00 |       0.00005      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215038.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215018.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00003
  4214998.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00003      0.00003
  4214978.00 |       0.00004      0.00004      0.00003      0.00004      0.00004      0.00003      0.00003
0.00003      0.00003
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):     L0001185    , L0001186    , L0001187    , L0001188    ,
L0001189    ,
                L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    ,
L0001197    ,
                L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,
                L0001206    , L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,
. . .       ,

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

                                    ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.00006      0.00006      0.00005      0.00005      0.00005
  4215938.00 |       0.00006      0.00006      0.00006      0.00005      0.00005
  4215918.00 |       0.00006      0.00006      0.00006      0.00005      0.00005
  4215898.00 |       0.00007      0.00006      0.00006      0.00005      0.00005
  4215878.00 |       0.00007      0.00006      0.00006      0.00005      0.00005
  4215858.00 |       0.00007      0.00007      0.00006      0.00005      0.00005
  4215838.00 |       0.00007      0.00007      0.00006      0.00005      0.00005
  4215818.00 |       0.00008      0.00007      0.00006      0.00005      0.00005
  4215798.00 |       0.00008      0.00007      0.00006      0.00005      0.00005
  4215778.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215758.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215738.00 |       0.00008      0.00007      0.00006      0.00005      0.00005
  4215718.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215698.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215678.00 |       0.00008      0.00007      0.00006      0.00005      0.00005
```

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  4215658.00 |       0.00008      0.00007      0.00006      0.00005      0.00005
  4215638.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215618.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215598.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215578.00 |       0.00008      0.00006      0.00005      0.00004      0.00004
  4215558.00 |       0.00008      0.00006      0.00005      0.00004      0.00004
  4215538.00 |       0.00008      0.00006      0.00005      0.00004      0.00004
  4215518.00 |       0.00008      0.00006      0.00005      0.00005      0.00004
  4215498.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215478.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215458.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215438.00 |       0.00008      0.00007      0.00006      0.00005      0.00004
  4215418.00 |       0.00009      0.00007      0.00006      0.00005      0.00004
  4215398.00 |       0.00009      0.00007      0.00006      0.00005      0.00005
  4215378.00 |       0.00009      0.00007      0.00006      0.00005      0.00004
  4215358.00 |       0.00009      0.00008      0.00006      0.00006      0.00004
  4215338.00 |       0.00009      0.00008      0.00006      0.00006      0.00005
  4215318.00 |       0.00009      0.00008      0.00007      0.00006      0.00005
  4215298.00 |       0.00008      0.00008      0.00007      0.00006      0.00005
  4215278.00 |       0.00008      0.00007      0.00007      0.00006      0.00005
  4215258.00 |       0.00008      0.00007      0.00007      0.00006      0.00005
  4215238.00 |       0.00007      0.00007      0.00006      0.00006      0.00005
  4215218.00 |       0.00006      0.00007      0.00006      0.00006      0.00005
  4215198.00 |       0.00006      0.00006      0.00006      0.00006      0.00005
  4215178.00 |       0.00006      0.00006      0.00006      0.00006      0.00005
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  16:58:04

  PAGE 379
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):     L0001185    , L0001186    , L0001187    , L0001188    ,
L0001189    ,
                L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    , L0001196    ,
L0001197    ,
                L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,
                L0001206    , L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,
. . .       ,

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

                                    ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00005      0.00005      0.00005      0.00005      0.00005
  4215138.00 |       0.00005      0.00005      0.00005      0.00005      0.00005
  4215118.00 |       0.00004      0.00005      0.00005      0.00005      0.00005
  4215098.00 |       0.00004      0.00004      0.00004      0.00004      0.00004
  4215078.00 |       0.00004      0.00004      0.00004      0.00004      0.00004
  4215058.00 |       0.00004      0.00004      0.00004      0.00004      0.00004
  4215038.00 |       0.00004      0.00004      0.00004      0.00004      0.00004
  4215018.00 |       0.00003      0.00003      0.00004      0.00004      0.00004
  4214998.00 |       0.00003      0.00003      0.00003      0.00003      0.00003
  4214978.00 |       0.00003      0.00003      0.00003      0.00003      0.00003
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  16:58:04

  PAGE 380
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00009	539351.84	4215428.70	0.00010
539361.84	4215428.70	0.00011	539371.84	4215428.70	0.00013
539381.84	4215428.70	0.00015	539341.84	4215438.70	0.00009
539351.84	4215438.70	0.00010	539361.84	4215438.70	0.00011
539371.84	4215438.70	0.00014	539381.84	4215438.70	0.00016
539341.84	4215448.70	0.00009	539351.84	4215448.70	0.00010
539361.84	4215448.70	0.00012	539371.84	4215448.70	0.00014
539381.84	4215448.70	0.00018	539341.84	4215458.70	0.00009
539351.84	4215458.70	0.00010	539361.84	4215458.70	0.00011
539371.84	4215458.70	0.00015	539381.84	4215458.70	0.00019
539341.84	4215468.70	0.00008	539351.84	4215468.70	0.00010
539361.84	4215468.70	0.00012	539371.84	4215468.70	0.00015
539381.84	4215468.70	0.00020	539113.88	4215517.52	0.00004
539096.52	4215515.99	0.00004	539108.26	4215501.18	0.00004
539096.01	4215500.67	0.00004	539108.26	4215486.38	0.00004
539094.47	4215485.36	0.00004	539135.32	4215461.36	0.00004
539150.13	4215439.91	0.00004	539114.39	4215452.68	0.00004
539123.07	4215439.40	0.00004	539159.32	4215421.02	0.00004
539145.02	4215416.43	0.00004	539134.30	4215410.81	0.00004
539131.75	4215425.11	0.00004	539206.80	4215383.75	0.00005
539215.99	4215372.52	0.00005	539188.93	4215382.22	0.00004
539176.17	4215379.67	0.00004	539165.44	4215376.09	0.00004
539248.79	4215356.71	0.00005	539243.45	4215348.45	0.00005
539265.58	4215345.25	0.00006	539260.78	4215338.05	0.00005
539256.25	4215351.38	0.00005	539272.77	4215331.92	0.00005

539264.78	4215324.99	0.00005	539280.77	4215321.79	0.00006
539279.97	4215307.14	0.00005	539287.97	4215313.80	0.00006
539297.83	4215304.74	0.00006	539289.56	4215296.21	0.00005
539311.15	4215287.68	0.00006	539303.69	4215281.28	0.00006
539303.69	4215296.21	0.00006	539314.25	4215271.79	0.00006
539329.09	4215260.48	0.00006	539339.69	4215237.16	0.00006
539357.36	4215232.92	0.00006	539394.11	4215199.70	0.00006
539044.99	4215579.21	0.00004	539034.39	4215591.93	0.00004
539054.88	4215556.59	0.00004	539058.42	4215538.92	0.00004
539054.88	4215520.55	0.00004	539082.44	4215477.44	0.00004
539073.96	4215466.13	0.00004	539098.70	4215440.69	0.00004
539109.30	4215426.56	0.00004	539117.07	4215415.96	0.00004
539125.55	4215401.11	0.00004	539158.77	4215367.19	0.00004
539150.29	4215357.30	0.00004	539184.21	4215339.63	0.00004
539222.37	4215324.79	0.00005	539243.58	4215317.72	0.00005

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001185 , L0001186 , L0001187 , L0001188 , L0001189 ,
L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 ,
L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 ,
L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00006	539364.42	4215191.93	0.00006
539344.64	4215200.41	0.00006	539409.65	4215113.48	0.00005
539355.94	4215136.80	0.00005	539262.66	4215288.75	0.00005
539282.44	4215261.19	0.00005	539299.41	4215235.04	0.00005
538948.91	4216164.24	0.00006	539351.64	4215795.94	0.00033
539171.40	4215646.30	0.00006	539358.95	4215583.01	0.00012

539293.80	4215538.56	0.00008	539260.82	4215517.04	0.00007
539279.41	4215503.60	0.00007	539292.18	4215495.55	0.00006
539318.95	4215487.21	0.00006	539337.11	4215482.84	0.00007
539356.14	4215482.00	0.00011	539369.89	4215483.02	0.00015
539384.66	4215486.57	0.00012	539391.49	4215490.91	0.00013
539342.66	4215571.90	0.00011	539326.38	4215560.79	0.00010
539310.09	4215549.67	0.00009	539277.31	4215527.80	0.00007
539270.11	4215510.32	0.00007	539305.56	4215491.38	0.00006
539384.98	4215509.33	0.00020	539378.47	4215527.75	0.00015
539371.97	4215546.17	0.00013	539365.46	4215564.59	0.00013

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	1.90548	2.15403	2.55490	2.98219	3.27671	3.38883	3.40222	3.38289	3.51636
4215938.00	1.84242	2.01924	2.27041	2.67951	3.14721	3.51652	3.71435	3.72444	3.72733
4215918.00	1.79076	1.93889	2.11508	2.41329	2.82696	3.32696	3.79758	4.08415	4.09592
4215898.00	1.80308	1.89726	2.04350	2.27652	2.55313	2.99570	3.53605	4.11240	4.48796
4215878.00	1.78229	1.92431	2.04704	2.16272	2.41458	2.70109	3.19450	3.75573	4.46656
4215858.00	1.82045	1.94296	2.04180	2.26910	2.32541	2.55640	2.87656	3.41555	4.00162
4215838.00	1.86912	1.94183	2.14232	2.21986	2.41309	2.59444	2.71793	3.07626	3.68407
4215818.00	2.00006	2.11207	2.12436	2.23891	2.50732	2.55613	2.90922	2.96278	3.30389
4215798.00	2.03513	2.13677	2.31638	2.42922	2.42951	2.66765	2.86400	3.10717	3.38329
4215778.00	1.97167	2.17503	2.31816	2.47701	2.70898	2.81993	2.84493	3.20181	3.30983

  4215758.00 | 1.87900   2.06218   2.22985   2.50396   2.67317   2.88908   3.21101
3.31004   3.38257
  4215738.00 | 1.73575   1.98410   2.16053   2.36742   2.59799   2.89596   3.11810
3.40313   3.82697
  4215718.00 | 1.62424   1.70208   1.91118   2.24345   2.48561   2.75148   3.03434
3.40839   3.70490
  4215698.00 | 1.55637   1.68787   1.86998   1.99374   2.11588   2.50224   2.91124
3.22091   3.62019
  4215678.00 | 1.42022   1.55559   1.69258   1.93680   2.17408   2.35430   2.51726
2.83358   3.34839
  4215658.00 | 1.35860   1.46137   1.61276   1.74001   1.93632   2.12821   2.46341
2.77338   3.10727
  4215638.00 | 1.37777   1.45747   1.57157   1.70381   1.82202   1.99282   2.24952
2.46935   2.75729
  4215618.00 | 1.25914   1.38211   1.52795   1.65880   1.79032   1.91463   2.07309
2.28537   2.57133
  4215598.00 | 1.22977   1.31579   1.40333   1.50261   1.63685   1.80456   2.03059
2.25903   2.47461
  4215578.00 | 1.14706   1.22114   1.33189   1.45766   1.59580   1.76805   1.95427
2.11355   2.29624
  4215558.00 | 1.15531   1.23635   1.32961   1.42880   1.52676   1.64678   1.78133
1.92975   2.14035
  4215538.00 | 1.05799   1.13456   1.21775   1.31353   1.41793   1.53548   1.68474
1.87972   2.12852
  4215518.00 | 1.04469   1.11193   1.19372   1.29009   1.39678   1.51541   1.65235
1.80938   1.98776
  4215498.00 | 1.02532   1.09778   1.18426   1.29352   1.39553   1.52603   1.66636
1.83018   2.01706
  4215478.00 | 1.10606   1.19624   1.29348   1.40485   1.53745   1.68470   1.84231
2.02284   2.23378
  4215458.00 | 1.14708   1.21852   1.31184   1.41802   1.52170   1.64420   1.77383
1.91681   2.10931
  4215438.00 | 1.12288   1.21059   1.30300   1.40421   1.55611   1.73547   1.87069
2.04824   2.26100
  4215418.00 | 1.15866   1.26760   1.36280   1.43954   1.52875   1.67655   1.87830
2.04318   2.23019
  4215398.00 | 1.15638   1.24020   1.35926   1.47489   1.58242   1.72498   1.93092
2.19908   2.35829
  4215378.00 | 1.20000   1.27735   1.37759   1.51863   1.71185   1.83309   1.94512
2.10240   2.31354
  4215358.00 | 1.23933   1.38905   1.46771   1.53240   1.64561   1.79061   1.97009
2.22022   2.47777
  4215338.00 | 1.22194   1.30415   1.44410   1.58125   1.69558   1.90446   2.09625
2.24532   2.33098
  4215318.00 | 1.28919   1.39562   1.49029   1.64337   1.73735   1.80828   1.88052
2.10151   2.32749
  4215298.00 | 1.31283   1.41039   1.44334   1.52923   1.55763   1.75181   1.86599
1.97458   2.10894
  4215278.00 | 1.21502   1.30501   1.34003   1.48947   1.55659   1.69845   1.80874
1.87521   1.88524
  4215258.00 | 1.18267   1.26731   1.34378   1.49034   1.58155   1.62840   1.61923
1.69535   1.82008
  4215238.00 | 1.18816   1.30964   1.40126   1.43290   1.43802   1.43287   1.54092
1.62799   1.84352
  4215218.00 | 1.24628   1.26775   1.28261   1.24955   1.34454   1.41291   1.54068
1.68973   1.82062
  4215198.00 | 1.11823   1.10814   1.15082   1.23445   1.31425   1.41601   1.53851
1.67307   1.77116
  4215178.00 | 1.00371   1.08251   1.14566   1.23077   1.30531   1.43664   1.52368
1.61928   1.72737

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:

ALL *** INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 , L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 , L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	1.01187	1.08472	1.14276	1.20982	1.32971	1.39505	1.49487	1.58794	1.68749
4215138.00	1.01712	1.05350	1.14665	1.21559	1.26032	1.37155	1.46450	1.53037	1.62339
4215118.00	1.00165	1.07299	1.12139	1.14433	1.25319	1.33993	1.41040	1.48622	1.62213
4215098.00	1.00028	1.02727	1.06740	1.17644	1.22642	1.29594	1.37068	1.48860	1.73616
4215078.00	0.93905	0.98314	1.09700	1.13480	1.19939	1.27218	1.37723	1.57174	1.77404
4215058.00	0.93120	1.01290	1.05333	1.11845	1.19025	1.28333	1.39276	1.62741	1.74380
4215038.00	0.93390	0.98512	1.04910	1.11538	1.20384	1.26791	1.49466	1.59797	1.67716
4215018.00	0.91898	0.98766	1.04602	1.12052	1.18042	1.37868	1.48034	1.55310	1.60854
4214998.00	0.92263	0.98184	1.03944	1.10959	1.29448	1.38028	1.44647	1.48838	1.57148
4214978.00	0.92844	0.97977	1.04566	1.19232	1.29796	1.34626	1.37653	1.45240	1.48739

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 , L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 , L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00

4215958.00	3.60319	3.78953	4.43155	4.36200	4.41146	4.73456	4.84913	4.85128	5.11230
4215938.00	3.85858	3.94840	4.22447	4.79840	4.78842	4.90218	5.11320	5.30134	5.50619
4215918.00	4.11993	4.25272	4.40358	4.76649	5.20824	5.27364	5.50477	5.66545	5.78341
4215898.00	4.52381	4.57080	4.70201	4.88218	5.38479	5.66909	5.77789	6.15072	6.42941
4215878.00	4.91943	4.99258	5.09194	5.20199	5.47064	6.08579	6.20627	6.40605	6.75792
4215858.00	4.82336	5.38950	5.53338	5.70032	5.75776	6.19643	6.83149	6.92583	7.24375
4215838.00	4.30960	5.18560	5.93091	6.17890	6.41789	6.43714	7.09151	7.66973	7.85824
4215818.00	3.94953	4.67764	5.58914	6.53710	6.93165	7.27344	7.24850	8.19247	8.65963
4215798.00	3.53918	4.19489	5.06880	6.03860	7.24236	7.86808	8.30625	8.32248	9.43886
4215778.00	3.84201	3.91195	4.47119	5.57786	6.60019	8.07204	8.97541	9.57500	9.70677
4215758.00	3.85222	4.10568	4.61807	4.85591	6.14251	7.31082	9.03477	10.23732	11.08940
4215738.00	3.94122	4.13823	4.60356	5.29479	5.45183	6.64994	8.10880	10.10328	11.76770
4215718.00	4.07463	4.59942	4.85263	5.14916	5.71724	6.54165	7.20368	9.23068	11.32100
4215698.00	4.02611	4.50428	4.99952	5.64439	6.01912	6.42745	7.59480	8.13897	10.54459
4215678.00	3.80584	4.31699	4.86023	5.52521	6.22207	7.00615	7.66496	8.42433	9.87789
4215658.00	3.33990	3.84632	4.52820	5.15389	5.95745	6.86361	7.86922	9.10448	9.90339
4215638.00	3.20544	3.65661	4.28981	4.66803	5.37606	6.36101	7.38751	8.80313	10.28405
4215618.00	2.94549	3.30914	3.74387	4.32285	5.09442	6.05274	6.97337	8.06813	9.59653
4215598.00	2.66915	2.93059	3.29580	3.89952	4.58514	5.29198	6.23920	7.55560	9.13455
4215578.00	2.53570	2.86417	3.27227	3.70748	4.14032	4.74496	5.59707	6.62847	8.02358
4215558.00	2.42026	2.75596	3.11100	3.51218	3.97948	4.46734	5.07626	5.92657	7.17080
4215538.00	2.39592	2.66233	2.99730	3.39786	3.85305	4.34965	4.96938	5.72748	6.74271
4215518.00	2.19574	2.43639	2.73127	3.10046	3.56300	4.08042	4.64987	5.39424	6.39048
4215498.00	2.25076	2.53771	2.87869	3.26101	3.71276	4.25902	4.88249	5.64828	6.57817
4215478.00	2.45201	2.71515	3.01643	3.36271	3.75769	4.27039	4.88574	5.71439	6.59457
4215458.00	2.41024	2.71032	3.06770	3.43458	3.85618	4.49303	5.36732	6.42362	7.47338
4215438.00	2.43596	2.69853	3.12386	3.61368	4.08402	4.68904	5.43796	6.06565	6.98155
4215418.00	2.53856	2.92294	3.17849	3.60657	4.00759	4.53480	5.22204	6.19858	7.48803
4215398.00	2.58106	2.80086	3.14428	3.58759	4.05622	4.76860	5.34356	6.08685	7.00105
4215378.00	2.60626	2.96379	3.26110	3.72146	3.91512	4.54672	5.05006	5.40466	5.52994
4215358.00	2.69353	2.93262	3.07064	3.56161	3.78437	4.08133	4.18311	4.68022	5.31206
4215338.00	2.52941	2.86177	2.96225	3.04587	3.26135	3.59746	3.93089	4.63194	5.32502
4215318.00	2.34530	2.48376	2.65980	2.79963	3.08962	3.49676	4.10304	4.52988	5.13864
4215298.00	2.19657	2.26735	2.46769	2.71890	3.14800	3.48765	3.88342	4.43131	5.20539
4215278.00	2.03362	2.15463	2.46639	2.75205	3.07999	3.37536	3.86202		

4.41542   5.31518
  4215258.00 | 1.98524   2.25315   2.44630   2.68479   2.90803   3.37497   3.77256
4.54095   5.20344
  4215238.00 | 2.00979   2.19095   2.34920   2.52101   2.93118   3.28544   3.88824
4.32454   4.80760
  4215218.00 | 1.95398   2.10572   2.26194   2.54201   2.88058   3.34705   3.69275
4.17582   4.43669
  4215198.00 | 1.90837   2.05530   2.22676   2.47528   2.94810   3.25658   3.65646
3.87357   4.16031
  4215178.00 | 1.87048   1.98515   2.17552   2.61373   2.90127   3.20804   3.40810
3.66461   3.97117

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
                L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
                L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

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

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 1.78264   1.95828   2.33256   2.61567   2.77642   3.01386   3.23610
3.42272   3.70688
  4215138.00 | 1.77674   2.09520   2.34245   2.49523   2.71213   2.88822   3.05580
3.25594   3.58585
  4215118.00 | 1.89643   2.11824   2.25129   2.43248   2.58827   2.71807   2.86656
3.11797   3.48723
  4215098.00 | 1.93821   2.05921   2.18926   2.33200   2.46935   2.59854   2.79886
3.07282   3.53962
  4215078.00 | 1.89228   1.99008   2.10787   2.24880   2.38866   2.40235   2.65822
2.97056   3.54125
  4215058.00 | 1.81718   1.91044   2.04516   2.13396   2.14526   2.43595   2.64946
3.06141   3.49294
  4215038.00 | 1.75114   1.86461   1.91879   1.98251   2.15587   2.33663   2.57594
3.01273   3.56454
  4215018.00 | 1.70749   1.74806   1.85173   1.91522   2.12948   2.34732   2.68900
3.03074   3.67976
  4214998.00 | 1.60139   1.66679   1.75185   1.91543   2.04428   2.24976   2.62397
3.05270   3.64132
  4214978.00 | 1.52871   1.61677   1.75205   1.87057   2.08125   2.37484   2.64361
3.14466   3.40097

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:

ALL *** INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	5.11338	5.40047	5.73924	5.99343	6.35823	7.01719	7.40780	7.85891	8.32836
4215938.00	5.49821	5.76725	6.18228	6.33720	6.67446	7.47527	7.95442	8.26702	8.89156
4215918.00	6.11486	6.00847	6.49418	6.80686	7.18570	8.00877	8.47175	9.46402	9.60417
4215898.00	6.62768	6.67250	6.91042	7.42751	7.57281	8.33950	9.05617	10.31623	10.68900
4215878.00	7.11638	7.41266	7.20592	7.97123	8.27043	8.90441	9.89115	10.97222	11.82048
4215858.00	7.62387	8.03260	8.21844	8.38461	9.12276	9.42013	10.79160	11.72161	12.93143
4215838.00	8.24249	8.81664	9.19816	8.97312	10.10302	10.15775	11.69490	12.25262	14.13294
4215818.00	8.91466	9.23597	9.99300	10.32378	10.63605	11.43612	12.42155	13.84550	15.70090
4215798.00	9.86353	10.14680	10.75709	11.82435	11.54908	13.34875	13.15409	15.20305	17.08666
4215778.00	10.86516	11.13584	11.71844	12.75153	13.19487	13.83497	14.94919	16.64763	18.57025
4215758.00	11.32347	12.61145	12.77726	13.85002	15.32477	15.71301	17.85330	18.48166	20.51370
4215738.00	12.85212	13.31181	14.75950	14.98070	16.78889	18.00345	18.63642	20.38647	23.08050
4215718.00	13.63544	15.05827	16.03210	17.26836	18.11257	20.61742	21.81910	24.99992	25.98201
4215698.00	12.86253	15.73708	17.82776	19.77922	20.55201	22.31984	25.25090	26.89983	30.92520
4215678.00	11.65573	14.98533	18.48346	21.43729	24.06215	24.87930	28.26742	31.21036	36.08034
4215658.00	11.93755	13.49608	17.56510	22.11728	26.33487	29.78962	31.41678	36.89934	40.93988
4215638.00	12.36128	13.57463	16.89784	21.18792	26.99634	33.17038	38.08440	41.21863	49.21770
4215618.00	11.89565	14.37222	17.14250	20.61228	26.08951	34.39005	44.30055	50.41369	57.87850
4215598.00	10.99152	13.07334	16.89639	21.54496	25.60779	33.70700	44.84950	60.03849	69.96419
4215578.00	9.82504	12.07728	15.47155	19.84295	26.44400	33.70448	46.19383	63.74295	84.64784
4215558.00	8.68818	10.91923	13.72610	17.13533	23.43882	31.77359	45.75142	68.18378	98.51745
4215538.00	8.06166	9.78566	12.17436	15.33028	20.10433	28.18424	41.16449	65.93095	107.89402
4215518.00	7.65726	9.36841	11.77310	15.07139	19.71568	26.47523	38.66345	63.13895	111.91888
4215498.00	7.83445	9.65620	12.48532	16.26450	20.95297	29.22522	40.96376	65.89621	99.80522
4215478.00	8.16544	10.29538	13.03945	16.82540	21.22137	28.06423	39.36514		

54.98809   80.55251
  4215458.00 | 8.73042   10.12093   12.35551   16.46193   21.31552   25.73821   31.85202
45.55822   65.48156
  4215438.00 | 8.52603   10.64681   13.12706   15.23977   16.38109   21.12139   29.78751
39.13986   55.23458
  4215418.00 | 8.58417   9.75526   10.65422   12.23542   15.40304   20.17546   27.27671
36.25912   47.19507
  4215398.00 | 7.46555   8.02627   9.63324   11.79839   14.92921   20.24878   23.87516
33.05436   40.04653
  4215378.00 | 6.44738   7.87368   9.43315   11.69943   15.63414   17.76215   22.26414
27.04772   35.36233
  4215358.00 | 6.43981   7.56872   9.15032   11.89327   13.70338   15.49199   19.34649
25.82597   30.29960
  4215338.00 | 6.20397   7.46032   9.16798   10.82610   11.84629   15.14480   18.21358
24.31909   26.54834
  4215318.00 | 6.21819   7.44017   8.85304   9.30720   11.04267   13.25851   17.99641
21.58626   23.75971
  4215298.00 | 6.23548   7.35261   7.66794   8.81250   10.14676   12.95146   17.66762
18.40014   21.47767
  4215278.00 | 6.18422   6.50537   7.20105   8.11082   9.84251   12.95807   16.16775
16.59727   18.62839
  4215258.00 | 5.57063   6.07405   6.88651   7.56413   9.72202   13.41830   14.21208
15.41979   17.08310
  4215238.00 | 5.17370   5.74679   6.20773   7.42532   9.96073   12.96122   12.02276
14.55863   15.38475
  4215218.00 | 4.83335   5.25076   6.04343   7.47215   10.58713   11.95083   11.29800
12.89625   13.79384
  4215198.00 | 4.63637   5.07873   5.88641   7.70432   10.26548   9.78928   10.54237
11.74287   12.28251
  4215178.00 | 4.24417   4.89917   5.96539   8.26381   9.71169   8.47896   10.25773
10.97841   11.29306

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
                L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
                L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

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

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 4.21271   4.85746   6.18179   8.10773   8.08496   8.17867   10.01289
10.15506   10.39898
  4215138.00 | 4.15540   4.88863   6.53343   7.92056   6.92988   7.81034   8.81237
9.50958   9.59880
  4215118.00 | 4.11934   5.10189   6.49771   6.47735   6.42558   7.71784   8.70167
8.85770   9.22636
  4215098.00 | 4.11200   5.25854   6.35789   5.84817   6.06030   7.52087   8.26215
8.07301   8.64279
  4215078.00 | 4.22487   5.24366   5.48230   5.43088   5.92941   6.59249   7.63480

7.30097 8.08054
4215058.00 | 4.36230 5.12126 4.98732 5.10135 5.87889 6.52507 6.88740
7.08906 7.44723
4215038.00 | 4.28971 4.67195 4.66016 4.82468 5.82842 6.50367 6.18105
6.45757 6.91756
4215018.00 | 4.10710 4.29642 4.44966 4.61188 5.16528 6.22942 5.71425
5.93233 6.42751
4214998.00 | 4.01649 3.87612 4.21344 4.60521 4.96282 5.71103 5.26442
5.59072 5.89346
4214978.00 | 3.71604 3.85126 4.00619 4.61084 4.96892 5.08534 5.09699
5.31416 5.34120
*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/17/25
*** AERMET - VERSION 18081 *** *** NOVATO CONSTRUCTION NO2 UNMITIGATED *** 16:58:04

PAGE 388
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00
539424.00	539444.00						
4215958.00	8.42112	9.28409	11.08721	11.54358	11.85694	11.50798	11.83104
11.82226	11.35145						
4215938.00	9.38860	10.02489	11.91473	12.57569	12.72446	12.37512	12.66967
12.64090	12.21559						
4215918.00	10.47910	10.73405	12.84004	13.73689	13.70988	13.42094	13.94228
13.55643	13.50599						
4215898.00	11.52965	11.48179	14.00231	14.96729	14.83396	14.82420	15.12135
14.40430	14.03433						
4215878.00	12.88034	12.33703	15.19853	16.36637	16.12356	16.19688	16.24883
15.51868	15.23301						
4215858.00	13.98923	13.69145	16.48660	17.96730	17.71264	17.69633	17.36790
16.94526	16.75760						
4215838.00	15.07002	14.99138	17.93819	19.76418	19.64175	19.32845	18.97797
18.90922	18.36997						
4215818.00	16.22917	16.82790	19.61929	21.85813	21.96161	21.55886	20.73193
20.67550	20.33100						
4215798.00	18.47260	19.51104	21.78882	24.35358	24.36912	23.97644	22.84546
22.42907	23.50502						
4215778.00	21.21505	22.71219	24.14952	27.16384	26.92716	26.57662	25.49546
25.25762	26.73478						
4215758.00	23.21504	26.38544	27.19354	30.52547	31.08869	29.52991	29.29483
29.43072	30.88018						
4215738.00	25.81000	29.50977	31.79173	34.71199	35.70836	32.94231	33.67518
34.04902	35.38833						
4215718.00	29.44909	34.34348	36.20452	39.80035	41.32507	37.99444	38.20730
40.16114	38.58317						
4215698.00	35.73336	39.44212	42.56309	46.06714	48.23278	45.16812	45.70419
46.93063	41.60673						
4215678.00	39.78353	43.92576	51.62903	53.91433	56.28915	55.30712	54.55676

52.42454   45.92582
  4215658.00 | 48.14679   53.10032   63.70980   64.61665   67.80169   67.60052   66.36063
58.71318   48.71186
  4215638.00 | 58.70734   66.20620   77.94000   80.71605   84.71303   83.42872   78.50101
65.30304   48.76130
  4215618.00 | 69.02226   82.48032   95.11554   103.68838   107.19769   102.34382   89.09227
68.21217   48.79645
  4215598.00 | 85.49536   103.92424   114.74032   125.29955   129.53074   116.76363   97.25948
67.67658   48.91643
  4215578.00 | 104.34549   120.40307   133.20889   138.07280   139.44947   125.03177   99.44688
69.55065   49.96508
  4215558.00 | 120.55273   135.48219   137.52388   138.53679   137.91450   130.14688   100.06090
72.47941   51.32313
  4215538.00 | 129.46067   131.74203   135.88892   137.72058   135.06013   128.95718   106.11049
69.57936   49.47243
  4215518.00 | 120.71583   129.45856   134.33778   136.24185   133.57906   128.67357   103.50917
68.33535   48.11842
  4215498.00 | 124.96556   130.05013   131.78053   134.22460   134.84494   126.50936   106.60357
67.94437   45.54408
  4215478.00 | 108.62720   128.05419   137.10921   137.95920   137.81208   134.20756   108.31181
65.01756   44.71162
  4215458.00 | 88.42464   106.06272   119.57194   125.07060   125.52912   116.49242   96.86159
67.44272   45.30115
  4215438.00 | 72.04351   85.14263   100.67737   104.64705   106.34169   95.60750   83.93908
61.19174   44.06504
  4215418.00 | 58.45331   69.91604   79.69908   85.28039   82.99841   76.98918   70.12181
56.48648   41.18405
  4215398.00 | 47.32760   55.00731   63.07504   65.14197   64.35018   58.87775   57.84216
52.74663   39.18931
  4215378.00 | 41.28429   46.81746   51.21326   51.78483   51.66144   48.46005   47.37811
46.89677   39.71317
  4215358.00 | 36.18494   38.14098   43.05024   42.50938   43.19408   40.93208   38.58783
40.35306   36.19828
  4215338.00 | 31.38298   32.03314   35.84989   34.73181   36.02350   34.48121   32.79838
33.06034   34.28658
  4215318.00 | 27.17816   27.77297   30.77954   28.45827   30.67686   28.52129   29.07197
26.88492   29.07152
  4215298.00 | 22.71753   23.66881   26.23919   23.72543   26.92435   24.91380   25.08994
23.87201   24.24883
  4215278.00 | 19.45011   20.61201   22.21527   20.54781   23.24903   22.70842   21.62474
20.30693   19.95553
  4215258.00 | 17.95544   18.48205   19.35399   18.17022   20.70571   19.80404   19.30001
18.96650   17.22711
  4215238.00 | 16.05455   16.76030   16.79445   16.15390   18.28914   17.81839   17.20184
16.84835   16.02206
  4215218.00 | 14.74177   15.26090   14.79807   14.39896   15.97682   15.65050   15.64272
15.44981   14.44925
  4215198.00 | 13.70389   13.85020   13.08188   12.81143   13.92855   13.37873   13.72701
13.90652   13.17622
  4215178.00 | 12.34152   12.85038   11.66203   11.47095   12.00794   12.11517   12.20411
12.56089   12.44278

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
               L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
               L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
               L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	11.21135	11.91141	10.41490	10.50496	10.44467	11.29722	11.31755	11.44617	11.38600
4215138.00	10.23139	10.70765	9.30245	9.65778	9.50953	10.42556	10.54358	10.58127	10.45346
4215118.00	9.30959	9.57841	8.43677	8.94222	8.87454	9.66551	9.31516	9.68575	9.85588
4215098.00	8.51209	8.36831	7.73321	8.29980	8.44102	8.84987	8.41823	8.85761	8.95196
4215078.00	7.89082	7.43332	7.11199	7.61847	7.89275	8.26203	7.75086	7.97841	8.37523
4215058.00	7.30560	6.65610	6.61047	7.05155	7.33445	7.71122	7.29564	7.56813	7.60643
4215038.00	6.76444	6.04955	6.07764	6.62063	6.86943	7.06791	6.99291	7.04089	6.87974
4215018.00	6.20209	5.53235	5.58925	6.24141	6.46270	6.55261	6.67812	6.55374	6.39423
4214998.00	5.75556	5.07576	5.20607	5.95249	6.11202	6.18740	6.21927	6.13293	5.93847
4214978.00	5.35570	4.67814	4.92501	5.60366	5.79190	5.87473	5.66020	5.73077	5.69755

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	10.70842	11.26380	10.92570	11.57127	12.03286	12.28333	11.67734	10.42485	9.97756
4215938.00	11.88600	11.87132	12.43912	12.54676	13.17949	12.86864	11.60183	11.12452	10.12139
4215918.00	13.02828	12.78869	13.62821	14.04987	14.10952	13.24779	12.11344	11.04969	10.29097
4215898.00	14.13609	14.45220	14.66056	15.44609	14.85233	13.26110	12.57507	11.34175	10.47479
4215878.00	15.28379	16.13687	16.81057	16.53717	15.13762	14.20333	12.91506		

11.76435 9.63779
4215858.00 | 16.93500 17.41318 18.37174 17.42370 15.84275 14.49716 13.18836
11.09833 9.12099
4215838.00 | 19.40784 20.43403 19.49122 17.76662 16.65005 14.89303 13.15350
10.42556 8.94143
4215818.00 | 21.26793 22.17560 20.96163 18.94752 17.18187 15.42541 12.08589
10.17225 8.75900
4215798.00 | 24.75729 23.46187 21.44195 19.90244 17.78418 14.16046 11.73112
10.02032 8.13585
4215778.00 | 27.57881 25.27358 23.65247 20.81105 17.07947 13.89992 11.70483
9.27580 8.28251
4215758.00 | 29.28523 26.85546 23.91204 20.82981 16.67444 13.72215 10.66347
9.45256 8.61115
4215738.00 | 31.37801 28.89937 25.49450 19.80156 16.12435 12.45343 10.90451
9.99791 8.84184
4215718.00 | 35.25035 30.55794 23.94880 19.40915 14.90328 12.76219 11.66801
9.89921 8.54677
4215698.00 | 37.00956 29.93718 23.65560 18.05257 15.09066 13.41973 11.34108
9.99229 8.53907
4215678.00 | 38.68733 29.77536 21.86683 18.65620 15.77876 13.48930 11.25776
9.83563 9.05519
4215658.00 | 37.69091 27.36735 22.84377 18.65842 15.79613 13.68921 12.01753
10.62433 9.35444
4215638.00 | 36.11837 28.41870 23.18777 19.50853 16.59902 14.23766 12.09331
10.63224 9.33931
4215618.00 | 36.67006 28.67897 24.80161 20.04776 16.56245 14.19809 11.90675
10.04420 8.88481
4215598.00 | 38.41845 29.59847 24.07717 19.68356 16.01419 13.28661 11.96275
10.83690 9.86102
4215578.00 | 37.81439 29.55780 22.49802 20.05699 18.20754 15.66580 13.37179
11.44350 10.09281
4215558.00 | 39.84733 32.33349 25.54415 20.79906 17.48176 15.13043 13.17414
11.19145 9.66655
4215538.00 | 37.62876 29.54598 23.97599 19.02834 15.67051 13.42670 11.60176
10.22664 8.95946
4215518.00 | 36.65455 28.63494 22.92750 18.75852 15.60994 13.08136 11.00524
9.49807 8.31025
4215498.00 | 33.85879 26.69859 21.71626 17.77213 14.70043 12.60706 10.93769
9.65708 8.56230
4215478.00 | 32.77057 25.84304 20.69400 16.77889 14.13118 12.27886 10.64419
9.32192 8.31342
4215458.00 | 32.01507 24.94173 19.70955 16.32535 13.63946 11.87904 10.43534
9.12547 8.08158
4215438.00 | 33.05289 24.68463 19.56111 15.89790 13.53950 11.55923 9.91687
8.49358 7.75042
4215418.00 | 31.63449 24.50950 18.98321 15.87460 13.17168 11.13609 9.74227
8.54174 7.30443
4215398.00 | 30.18811 23.95234 18.94205 15.13585 12.98426 10.96785 9.46753
8.28131 7.36577
4215378.00 | 27.88498 23.08676 18.69977 15.39960 12.49473 10.77758 9.31280
8.06448 7.15532
4215358.00 | 29.46144 21.19588 18.20096 15.07468 12.89032 10.42815 9.36057
7.99171 7.23511
4215338.00 | 27.66396 22.30547 16.72890 14.68734 12.23773 10.94620 9.02246
8.04210 7.05852
4215318.00 | 27.19635 22.41754 17.34492 13.57829 12.00743 10.14437 9.48239
7.93589 6.79378
4215298.00 | 25.22668 21.69860 18.07161 14.14246 11.38652 9.94957 8.63734
8.21228 6.96762
4215278.00 | 22.60125 20.63532 17.30707 14.62802 11.70540 9.72558 8.54342
7.49684 7.14977
4215258.00 | 18.87406 19.40535 17.32856 14.37043 11.92345 9.80803 8.27740
7.52277 6.61673
4215238.00 | 15.83675 17.84421 16.10352 14.27303 11.87663 10.00272 8.24955
7.21098 6.67463
4215218.00 | 13.87506 15.22239 15.33132 14.26076 12.02375 10.14813 8.71224
7.06840 6.34500
4215198.00 | 12.47894 12.96191 14.37156 12.98804 12.01088 9.98426 8.64494
7.47250 6.30013

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
                L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
                L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

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

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 10.89781   10.35043   10.87173   11.53362   10.74520   10.30368   8.64118
7.20804   6.51832
  4215138.00 | 9.81151   9.52821   9.58447   10.33260   10.26661   9.84958   8.80013
7.53045   6.26479
  4215118.00 | 9.03932   9.08011   8.67336   9.36121   9.34733   9.29663   8.97497
7.69222   6.59494
  4215098.00 | 8.71943   8.41573   8.00911   8.33100   8.85147   8.79931   8.43122
7.70828   6.64533
  4215078.00 | 7.88169   7.64537   7.58637   7.45032   7.89531   7.82843   8.14360
7.91850   6.91092
  4215058.00 | 7.50799   7.14997   7.22943   6.99810   7.31920   7.65006   7.59013
7.30012   6.85847
  4215038.00 | 7.18546   6.79320   6.65539   6.38982   6.57451   6.92620   6.65067
7.11706   6.90640
  4215018.00 | 6.80462   6.11019   5.97586   6.22926   6.07444   6.44516   6.55857
6.55226   6.47529
  4214998.00 | 6.23386   5.82919   5.78593   5.88470   5.69849   5.87381   6.07431
5.80084   6.22606
  4214978.00 | 5.77693   5.69496   5.56176   5.36197   5.35498   5.40276   5.61397
5.66508   5.71157

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001071   , L0001072   , L0001073   , L0001074   ,
L0001075   ,
                L0001076   , L0001077   , L0001078   , L0001079   , L0001080   , L0001081   , L0001093   ,
L0001094   ,
                L0001095   , L0001096   , L0001097   , L0001098   , L0001099   , L0001100   , L0001101   ,
L0001102   ,
                L0001103   , L0001115   , L0001116   , L0001117   , L0001118   , L0001119   , L0001120   ,
. . .   ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	9.01214	8.46441	7.02674	5.79566	5.22240
4215938.00	9.23741	7.91047	6.57872	5.70816	5.21679
4215918.00	8.94788	7.42933	6.31516	5.84053	5.05413
4215898.00	8.46208	6.96596	6.48847	5.57332	4.70980
4215878.00	7.87533	7.19455	6.21121	5.19169	4.84912
4215858.00	8.00610	6.94210	5.75565	5.34928	4.73830
4215838.00	7.76144	6.40484	5.92883	5.22986	5.05028
4215818.00	7.18452	6.58304	5.81281	5.68226	5.12360
4215798.00	7.34688	6.56708	6.28731	5.52053	4.89155
4215778.00	7.57705	7.01079	6.02904	5.35753	4.79247
4215758.00	7.90078	6.64700	5.86943	5.48789	4.85942
4215738.00	7.40615	6.74169	6.00925	5.41532	4.91980
4215718.00	7.53045	6.65914	6.13687	5.57934	5.40702
4215698.00	7.56813	6.93390	6.60244	6.00741	5.17589
4215678.00	8.27308	7.40852	6.35768	5.98902	5.38200
4215658.00	8.03360	7.42684	6.47465	5.77060	5.32244
4215638.00	7.98755	7.13956	6.40143	5.96929	5.69306
4215618.00	8.22327	7.67848	7.10807	6.46765	5.77798
4215598.00	8.99490	8.10060	7.16681	6.31841	5.74562
4215578.00	9.13620	8.31428	7.44352	6.60766	5.89664
4215558.00	8.33640	7.43784	6.70801	6.03941	5.42454
4215538.00	7.92121	7.06510	6.29495	5.63057	5.06853
4215518.00	7.33474	6.53676	5.86401	5.27448	4.77932
4215498.00	7.49391	6.69983	6.00913	5.35109	4.81200
4215478.00	7.45230	6.62286	5.94199	5.35173	4.85005
4215458.00	7.22006	6.30105	5.63727	5.12591	4.66243
4215438.00	6.95082	6.36351	5.72867	5.21859	4.70631
4215418.00	6.70818	6.00469	5.41737	4.92921	4.54687
4215398.00	6.62773	5.59894	5.17171	4.81357	4.47731
4215378.00	6.46487	5.79782	5.24649	4.56228	4.12495
4215358.00	6.23839	5.71078	5.17258	4.69869	4.26354
4215338.00	6.25993	5.69634	5.01561	4.66298	4.19671
4215318.00	6.32787	5.55677	5.08205	4.56068	4.14089
4215298.00	5.88941	5.57662	4.99347	4.56075	4.07337
4215278.00	6.13506	5.26245	4.89858	4.50775	4.09239
4215258.00	6.18909	5.24461	4.72512	4.35400	4.07384
4215238.00	5.89017	5.46122	4.65123	4.21023	3.93307
4215218.00	5.91953	5.27458	4.92656	4.20927	3.73967
4215198.00	5.60618	5.28079	4.74999	4.46987	3.81326
4215178.00	5.54702	4.96564	4.76974	4.29697	4.05276

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

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

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	5.58943	4.95569	4.42776	4.32093	3.91804
4215138.00	5.88525	4.84472	4.50288	3.99215	3.93376
4215118.00	5.63201	5.23749	4.35220	4.10353	3.64543
4215098.00	5.43100	5.02355	4.66752	3.90994	3.72198
4215078.00	5.93464	4.74169	4.55062	4.06718	3.55781
4215058.00	5.95976	5.14404	4.33490	4.17893	3.62625
4215038.00	6.05581	5.34279	4.31582	3.96280	3.79451
4215018.00	6.17971	5.41917	4.67922	3.79535	3.70064
4214998.00	6.07378	5.39106	4.86069	4.09559	3.47170
4214978.00	5.83229	5.62532	4.95832	4.37238	3.54157

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 , L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	95.30680	539351.84	4215428.70	97.68035
539361.84	4215428.70	95.20981	539371.84	4215428.70	91.00305
539381.84	4215428.70	88.31870	539341.84	4215438.70	104.95726
539351.84	4215438.70	107.71533	539361.84	4215438.70	107.06619
539371.84	4215438.70	103.41867	539381.84	4215438.70	97.95247
539341.84	4215448.70	115.26099	539351.84	4215448.70	116.67901
539361.84	4215448.70	116.90815	539371.84	4215448.70	114.07757
539381.84	4215448.70	108.29176	539341.84	4215458.70	125.41975
539351.84	4215458.70	126.51179	539361.84	4215458.70	125.96329
539371.84	4215458.70	123.43639	539381.84	4215458.70	118.11164
539341.84	4215468.70	134.08985	539351.84	4215468.70	134.37448
539361.84	4215468.70	135.13186	539371.84	4215468.70	133.05436

539381.84	4215468.70	127.76286	539113.88	4215517.52	8.44842
539096.52	4215515.99	7.16106	539108.26	4215501.18	8.18405
539096.01	4215500.67	7.27213	539108.26	4215486.38	8.28170
539094.47	4215485.36	7.40161	539135.32	4215461.36	11.25976
539150.13	4215439.91	13.87379	539114.39	4215452.68	9.03049
539123.07	4215439.40	10.40882	539159.32	4215421.02	12.02512
539145.02	4215416.43	10.43702	539134.30	4215410.81	9.38102
539131.75	4215425.11	11.00412	539206.80	4215383.75	18.62134
539215.99	4215372.52	19.51406	539188.93	4215382.22	16.51666
539176.17	4215379.67	13.59272	539165.44	4215376.09	12.06068
539248.79	4215356.71	27.37810	539243.45	4215348.45	24.77404
539265.58	4215345.25	28.07252	539260.78	4215338.05	26.15715
539256.25	4215351.38	28.30947	539272.77	4215331.92	27.82508
539264.78	4215324.99	24.79685	539280.77	4215321.79	27.49442
539279.97	4215307.14	25.06075	539287.97	4215313.80	26.06637
539297.83	4215304.74	24.76299	539289.56	4215296.21	22.53024
539311.15	4215287.68	23.48313	539303.69	4215281.28	21.10906
539303.69	4215296.21	23.40498	539314.25	4215271.79	21.93072
539329.09	4215260.48	18.59220	539339.69	4215237.16	16.38523
539357.36	4215232.92	16.49525	539394.11	4215199.70	14.12520
539044.99	4215579.21	5.62133	539034.39	4215591.93	5.66388
539054.88	4215556.59	5.48708	539058.42	4215538.92	5.49309
539054.88	4215520.55	5.07960	539082.44	4215477.44	6.51987
539073.96	4215466.13	6.72816	539098.70	4215440.69	7.96342
539109.30	4215426.56	9.54446	539117.07	4215415.96	9.30455
539125.55	4215401.11	8.13641	539158.77	4215367.19	11.15829
539150.29	4215357.30	10.12898	539184.21	4215339.63	11.90784
539222.37	4215324.79	17.62251	539243.58	4215317.72	21.52900

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001071 , L0001072 , L0001073 , L0001074 , L0001075 ,
L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001093 ,

L0001094 ,
L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 ,
L0001102 ,
L0001103 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	14.32827	539364.42	4215191.93	13.44221
539344.64	4215200.41	13.00406	539409.65	4215113.48	9.42714
539355.94	4215136.80	9.67520	539262.66	4215288.75	20.10067
539282.44	4215261.19	17.84335	539299.41	4215235.04	16.09853
538948.91	4216164.24	2.42606	539351.64	4215795.94	25.18470
539171.40	4215646.30	23.85887	539358.95	4215583.01	137.45969
539293.80	4215538.56	133.72876	539260.82	4215517.04	103.82072
539279.41	4215503.60	118.75728	539292.18	4215495.55	125.01137
539318.95	4215487.21	135.39389	539337.11	4215482.84	137.66665
539356.14	4215482.00	138.61296	539369.89	4215483.02	137.86026
539384.66	4215486.57	128.15789	539391.49	4215490.91	128.09045
539342.66	4215571.90	138.90915	539326.38	4215560.79	137.77443
539310.09	4215549.67	136.83172	539277.31	4215527.80	124.16938
539270.11	4215510.32	117.84338	539305.56	4215491.38	132.08779
539384.98	4215509.33	125.79149	539378.47	4215527.75	130.22271
539371.97	4215546.17	135.19724	539365.46	4215564.59	138.08926

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
CON1HR	1ST HIGHEST VALUE IS 157.28410	AT (539310.09, 4215549.67, 9.74, 567.00, 1.50)	DC	
	2ND HIGHEST VALUE IS 156.80695	AT (539324.00, 4215478.00, 10.00, 567.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS 156.38371	AT (539356.14, 4215482.00, 9.72, 567.00, 1.50)	DC	

	4TH HIGHEST VALUE IS	155.99170	AT (	539304.00,	4215558.00,	9.70,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	155.13260	AT (	539324.00,	4215558.00,	9.50,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	151.79634	AT (	539318.95,	4215487.21,	9.98,	567.00,	1.50)	DC	
	7TH HIGHEST VALUE IS	151.66041	AT (	539369.89,	4215483.02,	9.61,	567.00,	1.50)	DC	
	8TH HIGHEST VALUE IS	151.24139	AT (	539364.00,	4215478.00,	9.70,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	151.00088	AT (	539326.38,	4215560.79,	9.48,	567.00,	1.50)	DC	
	10TH HIGHEST VALUE IS	150.35207	AT (	539337.11,	4215482.84,	9.85,	567.00,	1.50)	DC	
TK1HR	1ST HIGHEST VALUE IS	0.00216	AT (	538948.91,	4216164.24,	6.99,	567.00,	1.50)	DC	
	2ND HIGHEST VALUE IS	0.00182	AT (	538744.00,	4215958.00,	10.10,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00175	AT (	538744.00,	4215938.00,	10.30,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00174	AT (	538764.00,	4215958.00,	9.80,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00166	AT (	538784.00,	4215958.00,	9.60,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00166	AT (	538744.00,	4215918.00,	10.50,	567.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00164	AT (	538764.00,	4215938.00,	10.00,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00163	AT (	538744.00,	4215898.00,	10.80,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00160	AT (	538804.00,	4215958.00,	9.30,	567.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00158	AT (	538764.00,	4215918.00,	10.30,	567.00,	1.50)	GC	UCART1
TK2HR	1ST HIGHEST VALUE IS	0.01164	AT (	539524.00,	4215518.00,	8.20,	8.20,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	0.01081	AT (	539544.00,	4215538.00,	7.80,	7.80,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.01034	AT (	539244.00,	4215958.00,	6.30,	6.30,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.01013	AT (	539544.00,	4215518.00,	8.00,	8.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.01007	AT (	539364.00,	4215778.00,	7.30,	7.30,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00998	AT (	539524.00,	4215498.00,	8.40,	8.40,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00993	AT (	539264.00,	4215938.00,	6.50,	6.50,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00993	AT (	539444.00,	4215658.00,	7.70,	7.70,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00986	AT (	539384.00,	4215758.00,	7.50,	7.50,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00986	AT (	539324.00,	4215898.00,	6.80,	6.80,	1.50)	GC	UCART1
WKR1HR	1ST HIGHEST VALUE IS	0.00011	AT (	538948.91,	4216164.24,	6.99,	567.00,	1.50)	DC	
	2ND HIGHEST VALUE IS	0.00009	AT (	538744.00,	4215958.00,	10.10,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00009	AT (	538764.00,	4215958.00,	9.80,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00008	AT (	538744.00,	4215938.00,	10.30,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00008	AT (	538784.00,	4215958.00,	9.60,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00008	AT (	538764.00,	4215938.00,	10.00,	567.00,	1.50)	GC	UCART1

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)				OF TYPE	NETWORK GRID-ID
WKR2HR	1ST HIGHEST VALUE IS	0.00073 AT	(539524.00, 4215518.00,	8.20,	8.20,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00071 AT	(539544.00, 4215538.00,	7.80,	7.80,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00064 AT	(539244.00, 4215958.00,	6.30,	6.30,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00064 AT	(539544.00, 4215518.00,	8.00,	8.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00062 AT	(539364.00, 4215778.00,	7.30,	7.30,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00062 AT	(539324.00, 4215898.00,	6.80,	6.80,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00061 AT	(539384.00, 4215758.00,	7.50,	7.50,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00061 AT	(539444.00, 4215658.00,	7.70,	7.70,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00061 AT	(539264.00, 4215938.00,	6.50,	6.50,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00061 AT	(539524.00, 4215558.00,	7.80,	7.80,	1.50)	GC	UCART1
ALL	1ST HIGHEST VALUE IS	157.28448 AT	(539310.09, 4215549.67,	9.74,	567.00,	1.50)	DC	
	2ND HIGHEST VALUE IS	156.80813 AT	(539324.00, 4215478.00,	10.00,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	156.38531 AT	(539356.14, 4215482.00,	9.72,	567.00,	1.50)	DC	
	4TH HIGHEST VALUE IS	155.99209 AT	(539304.00, 4215558.00,	9.70,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	155.13307 AT	(539324.00, 4215558.00,	9.50,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	151.79753 AT	(539318.95, 4215487.21,	9.98,	567.00,	1.50)	DC	
	7TH HIGHEST VALUE IS	151.66193 AT	(539369.89, 4215483.02,	9.61,	567.00,	1.50)	DC	
	8TH HIGHEST VALUE IS	151.24299 AT	(539364.00, 4215478.00,	9.70,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	151.00141 AT	(539326.38, 4215560.79,	9.48,	567.00,	1.50)	DC	
	10TH HIGHEST VALUE IS	150.35331 AT	(539337.11, 4215482.84,	9.85,	567.00,	1.50)	DC	

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
CON1HR	1ST HIGHEST VALUE IS	139.44905 AT	(539364.00, 4215578.00, 8.80, 567.00, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	138.90876 AT	(539342.66, 4215571.90, 9.14, 567.00, 1.50)	DC	
	3RD HIGHEST VALUE IS	138.61211 AT	(539356.14, 4215482.00, 9.72, 567.00, 1.50)	DC	
	4TH HIGHEST VALUE IS	138.53655 AT	(539344.00, 4215558.00, 9.30, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	138.08905 AT	(539365.46, 4215564.59, 8.91, 567.00, 1.50)	DC	
	6TH HIGHEST VALUE IS	138.07257 AT	(539344.00, 4215578.00, 9.10, 567.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	137.95791 AT	(539344.00, 4215478.00, 9.80, 567.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	137.91425 AT	(539364.00, 4215558.00, 9.00, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	137.85900 AT	(539369.89, 4215483.02, 9.61, 567.00, 1.50)	DC	
	10TH HIGHEST VALUE IS	137.81119 AT	(539364.00, 4215478.00, 9.70, 567.00, 1.50)	GC	UCART1
TK1HR	1ST HIGHEST VALUE IS	0.00169 AT	(538948.91, 4216164.24, 6.99, 567.00, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.00125 AT	(538744.00, 4215958.00, 10.10, 567.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00124 AT	(538764.00, 4215958.00, 9.80, 567.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00120 AT	(538784.00, 4215958.00, 9.60, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00115 AT	(538804.00, 4215958.00, 9.30, 567.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00115 AT	(538744.00, 4215938.00, 10.30, 567.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00114 AT	(538764.00, 4215938.00, 10.00, 567.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00111 AT	(538824.00, 4215958.00, 9.30, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00110 AT	(538784.00, 4215938.00, 9.80, 567.00, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00109 AT	(538804.00, 4215938.00, 9.50, 567.00, 1.50)	GC	UCART1
TK2HR	1ST HIGHEST VALUE IS	0.00727 AT	(539524.00, 4215518.00, 8.20, 8.20, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00701 AT	(539544.00, 4215538.00, 7.80, 7.80, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00687 AT	(539244.00, 4215958.00, 6.30, 6.30, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00660 AT	(539244.00, 4215938.00, 6.50, 6.50, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00657 AT	(539504.00, 4215498.00, 8.60, 8.60, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00655 AT	(539364.00, 4215778.00, 7.30, 7.30, 1.50)	GC	UCART1

	7TH HIGHEST VALUE IS	0.00651 AT (	539464.00,	4215478.00,	9.00,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00647 AT (	539544.00,	4215598.00,	7.10,	7.10,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00626 AT (	539344.00,	4215838.00,	6.80,	6.80,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00625 AT (	539504.00,	4215658.00,	7.20,	7.20,	1.50)	GC	UCART1
WKR1HR	1ST HIGHEST VALUE IS	0.00009 AT (	538948.91,	4216164.24,	6.99,	567.00,	1.50)	DC	
	2ND HIGHEST VALUE IS	0.00006 AT (	538744.00,	4215958.00,	10.10,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00006 AT (	538764.00,	4215958.00,	9.80,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00006 AT (	538784.00,	4215958.00,	9.60,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00006 AT (	538744.00,	4215938.00,	10.30,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00006 AT (	538804.00,	4215958.00,	9.30,	567.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00006 AT (	538764.00,	4215938.00,	10.00,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00006 AT (	538784.00,	4215938.00,	9.80,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00005 AT (	538824.00,	4215958.00,	9.30,	567.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00005 AT (	538804.00,	4215938.00,	9.50,	567.00,	1.50)	GC	UCART1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
WKR2HR	1ST HIGHEST VALUE IS	0.00045 AT (	539524.00,	4215518.00,	8.20,	8.20,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00045 AT (	539544.00,	4215538.00,	7.80,	7.80,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00042 AT (	539464.00,	4215478.00,	9.00,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00042 AT (	539544.00,	4215598.00,	7.10,	7.10,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00042 AT (	539244.00,	4215958.00,	6.30,	6.30,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00041 AT (	539244.00,	4215938.00,	6.50,	6.50,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00040 AT (	539504.00,	4215498.00,	8.60,	8.60,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00040 AT (	539364.00,	4215778.00,	7.30,	7.30,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00039 AT (	539504.00,	4215658.00,	7.20,	7.20,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00038 AT (	539324.00,	4215858.00,	6.90,	6.90,	1.50)	GC	UCART1

```
ALL       1ST HIGHEST VALUE IS     139.44947 AT (  539364.00,  4215578.00,     8.80,   567.00,    1.50)  GC  UCART1

          2ND HIGHEST VALUE IS     138.90915 AT (  539342.66,  4215571.90,     9.14,   567.00,    1.50)  DC

          3RD HIGHEST VALUE IS     138.61296 AT (  539356.14,  4215482.00,     9.72,   567.00,    1.50)  DC

          4TH HIGHEST VALUE IS     138.53679 AT (  539344.00,  4215558.00,     9.30,   567.00,    1.50)  GC  UCART1

          5TH HIGHEST VALUE IS     138.08926 AT (  539365.46,  4215564.59,     8.91,   567.00,    1.50)  DC

          6TH HIGHEST VALUE IS     138.07280 AT (  539344.00,  4215578.00,     9.10,   567.00,    1.50)  GC  UCART1

          7TH HIGHEST VALUE IS     137.95920 AT (  539344.00,  4215478.00,     9.80,   567.00,    1.50)  GC  UCART1

          8TH HIGHEST VALUE IS     137.91450 AT (  539364.00,  4215558.00,     9.00,   567.00,    1.50)  GC  UCART1

          9TH HIGHEST VALUE IS     137.86026 AT (  539369.89,  4215483.02,     9.61,   567.00,    1.50)  DC

         10TH HIGHEST VALUE IS     137.81208 AT (  539364.00,  4215478.00,     9.70,   567.00,    1.50)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  16:58:04

  PAGE 400
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of        22066 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of        12563 Calm Hours Identified

 A Total of         9503 Missing Hours Identified ( 21.67 Percent)

 CAUTION!:  Number of Missing Hours Exceeds 10 Percent of Total!
            Data May Not Be Acceptable for Regulatory Applications.
            See Section 5.3.2 of "Meteorological Monitoring Guidance
            for Regulatory Modeling Applications" (EPA-454/R-99-005).

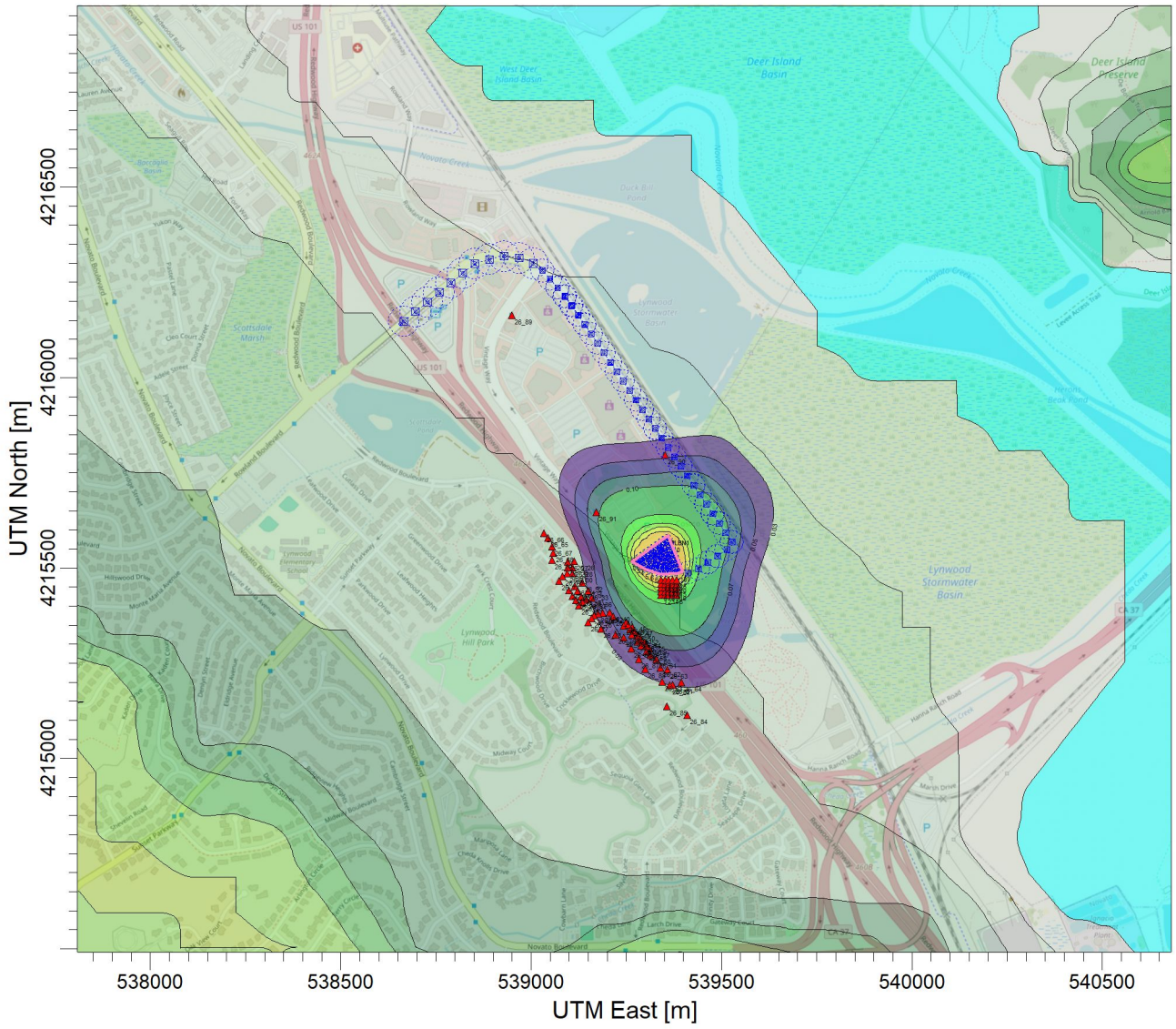

    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W187    2516       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
 MX W481   43849         MAIN: Data Remaining After End of Year. Number of Hours=           24

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

PROJECT TITLE:

Novato Costco
Construction NO2 Unmitigated Annual



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL ug/m^3

Max: 3.50 [ug/m^3] at (539344.00, 4215518.00)

0.03 0.05 0.07 0.10 0.30 0.50 0.70 1.00 3.00 3.50

COMMENTS:	SOURCES: **5**	COMPANY NAME:	
	RECEPTORS: **2612**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:18,072 0 0.5 km	
	MAX: **3.50 ug/m^3**	DATE: **7/25/2025**	PROJECT NO.:

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/18/2025
** FILE: C:\LAKES\PROJECT FILES\NOVATO CONST NO2 UNMIT ANN JULY 2025\NOVATO CONST NO2 UNMIT ANN JULY 2025.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -
   TITLETWO NOVATO CONSTRUCTION NO2 UNMITIGATED
   MODELOPT DFAULT CONC ARM2
   AVERTIME ANNUAL
   URBANOPT 260206 2021_MARIN_COUNTY_POPULATION
   POLLUTID NO2
   FLAGPOLE 1.50
   RUNORNOT RUN
** NO2 CONVERSION OPTIONS
   ARMRATIO 0.500 0.900
   ERRORFIL "NOVATO CONST NO2 UNMIT ANN JULY 2025.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK1AN
** DESCRSRC ROWLAND BLVD FROM FREEWAY -ANNUAL
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 4.3069E-06
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 6
** 538657.948, 4216141.138, 8.89, 3.40, 18.60
** 538850.641, 4216298.644, 6.34, 3.40, 18.60
** 538921.746, 4216318.956, 6.00, 3.40, 18.60
** 538960.234, 4216316.307, 5.94, 3.40, 18.60
** 539001.445, 4216303.671, 5.69, 3.40, 18.60
** 539021.552, 4216281.888, 5.26, 3.40, 18.60
** ----------------------------------------------------------------------
   LOCATION L0001397     VOLUME   538665.690 4216147.467 9.10
   LOCATION L0001398     VOLUME   538696.661 4216172.782 8.41
   LOCATION L0001399     VOLUME   538727.631 4216198.097 7.71
   LOCATION L0001400     VOLUME   538758.601 4216223.411 7.25
   LOCATION L0001401     VOLUME   538789.572 4216248.726 7.02
   LOCATION L0001402     VOLUME   538820.542 4216274.041 6.62
   LOCATION L0001403     VOLUME   538851.723 4216298.953 5.92
   LOCATION L0001404     VOLUME   538890.184 4216309.940 5.39
   LOCATION L0001405     VOLUME   538928.905 4216318.464 4.96
   LOCATION L0001406     VOLUME   538968.453 4216313.787 4.79
   LOCATION L0001407     VOLUME   539005.170 4216299.636 4.74
```

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** END OF LINE VOLUME SOURCE ID = TK1AN
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = WKR1AN
** DESCRSRC ROWLAND BLVD FROM FREEWAY - ANNUAL
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 3.7752E-07
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 6
** 538657.948, 4216141.138, 8.89, 1.30, 18.60
** 538850.641, 4216298.644, 6.34, 1.30, 18.60
** 538921.746, 4216318.956, 6.00, 1.30, 18.60
** 538960.234, 4216316.307, 5.94, 1.30, 18.60
** 539001.445, 4216303.671, 5.69, 1.30, 18.60
** 539021.552, 4216281.888, 5.26, 1.30, 18.60
** ----------------------------------------------------------------------
   LOCATION L0001408     VOLUME   538665.690 4216147.467 9.10
   LOCATION L0001409     VOLUME   538696.661 4216172.782 8.41
   LOCATION L0001410     VOLUME   538727.631 4216198.097 7.71
   LOCATION L0001411     VOLUME   538758.601 4216223.411 7.25
   LOCATION L0001412     VOLUME   538789.572 4216248.726 7.02
   LOCATION L0001413     VOLUME   538820.542 4216274.041 6.62
   LOCATION L0001414     VOLUME   538851.723 4216298.953 5.92
   LOCATION L0001415     VOLUME   538890.184 4216309.940 5.39
   LOCATION L0001416     VOLUME   538928.905 4216318.464 4.96
   LOCATION L0001417     VOLUME   538968.453 4216313.787 4.79
   LOCATION L0001418     VOLUME   539005.170 4216299.636 4.74
** END OF LINE VOLUME SOURCE ID = WKR1AN
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK2AN
** DESCRSRC ROWLAND ONSITE - ANNUAL
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0000102862
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 7
** 539024.915, 4216286.505, 5.24, 3.40, 13.95
** 539093.729, 4216208.633, 5.87, 3.40, 13.95
** 539158.277, 4216114.182, 6.10, 3.40, 13.95
** 539531.663, 4215561.599, 8.26, 3.40, 13.95
** 539487.368, 4215529.546, 8.50, 3.40, 13.95
** 539433.749, 4215494.358, 9.68, 3.40, 13.95
** 539401.913, 4215484.305, 9.86, 3.40, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001560     VOLUME   539029.882 4216280.885 4.82
   LOCATION L0001561     VOLUME   539049.747 4216258.405 5.06
   LOCATION L0001562     VOLUME   539069.613 4216235.924 5.31
   LOCATION L0001563     VOLUME   539089.478 4216213.444 5.55
   LOCATION L0001564     VOLUME   539107.034 4216189.165 5.67
   LOCATION L0001565     VOLUME   539123.960 4216164.397 5.62
   LOCATION L0001566     VOLUME   539140.887 4216139.628 5.58
   LOCATION L0001567     VOLUME   539157.814 4216114.859 5.67
   LOCATION L0001568     VOLUME   539174.614 4216090.005 5.89
   LOCATION L0001569     VOLUME   539191.410 4216065.147 6.11
   LOCATION L0001570     VOLUME   539208.207 4216040.290 6.19
   LOCATION L0001571     VOLUME   539225.003 4216015.433 6.15
   LOCATION L0001572     VOLUME   539241.799 4215990.575 6.00
   LOCATION L0001573     VOLUME   539258.596 4215965.718 6.24
   LOCATION L0001574     VOLUME   539275.392 4215940.861 6.51
   LOCATION L0001575     VOLUME   539292.188 4215916.004 6.78
   LOCATION L0001576     VOLUME   539308.984 4215891.146 7.00
   LOCATION L0001577     VOLUME   539325.781 4215866.289 6.90
   LOCATION L0001578     VOLUME   539342.577 4215841.432 6.84
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   LOCATION L0001579     VOLUME   539359.373 4215816.574 6.91
   LOCATION L0001580     VOLUME   539376.170 4215791.717 7.13
   LOCATION L0001581     VOLUME   539392.966 4215766.860 7.33
   LOCATION L0001582     VOLUME   539409.762 4215742.003 7.37
   LOCATION L0001583     VOLUME   539426.559 4215717.145 7.41
   LOCATION L0001584     VOLUME   539443.355 4215692.288 7.40
   LOCATION L0001585     VOLUME   539460.151 4215667.431 7.49
   LOCATION L0001586     VOLUME   539476.947 4215642.574 7.59
   LOCATION L0001587     VOLUME   539493.744 4215617.716 7.58
   LOCATION L0001588     VOLUME   539510.540 4215592.859 7.62
   LOCATION L0001589     VOLUME   539527.336 4215568.002 7.66
   LOCATION L0001590     VOLUME   539513.619 4215548.542 8.06
   LOCATION L0001591     VOLUME   539489.315 4215530.955 8.58
   LOCATION L0001592     VOLUME   539464.296 4215514.405 8.98
   LOCATION L0001593     VOLUME   539439.214 4215497.945 9.10
   LOCATION L0001594     VOLUME   539411.375 4215487.293 9.30
** END OF LINE VOLUME SOURCE ID = TK2AN
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = WKR2AN
** DESCRSRC ROWLAND ONSITE - ANNUAL
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 9.0164E-07
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 7
** 539024.915, 4216286.505, 5.24, 1.30, 13.95
** 539079.771, 4216224.004, 5.95, 1.30, 13.95
** 539158.277, 4216114.182, 6.10, 1.30, 13.95
** 539531.663, 4215561.599, 8.26, 1.30, 13.95
** 539487.368, 4215529.546, 8.50, 1.30, 13.95
** 539433.749, 4215494.358, 9.68, 1.30, 13.95
** 539401.913, 4215484.305, 9.86, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001454     VOLUME   539029.863 4216280.868 4.82
   LOCATION L0001455     VOLUME   539049.652 4216258.321 5.06
   LOCATION L0001456     VOLUME   539069.441 4216235.774 5.31
   LOCATION L0001457     VOLUME   539088.111 4216212.338 5.56
   LOCATION L0001458     VOLUME   539105.557 4216187.933 5.69
   LOCATION L0001459     VOLUME   539123.003 4216163.527 5.64
   LOCATION L0001460     VOLUME   539140.449 4216139.121 5.59
   LOCATION L0001461     VOLUME   539157.896 4216114.716 5.67
   LOCATION L0001462     VOLUME   539174.706 4216089.869 5.89
   LOCATION L0001463     VOLUME   539191.502 4216065.011 6.11
   LOCATION L0001464     VOLUME   539208.299 4216040.154 6.19
   LOCATION L0001465     VOLUME   539225.095 4216015.297 6.15
   LOCATION L0001466     VOLUME   539241.891 4215990.439 6.00
   LOCATION L0001467     VOLUME   539258.688 4215965.582 6.24
   LOCATION L0001468     VOLUME   539275.484 4215940.725 6.51
   LOCATION L0001469     VOLUME   539292.280 4215915.868 6.78
   LOCATION L0001470     VOLUME   539309.076 4215891.010 7.00
   LOCATION L0001471     VOLUME   539325.873 4215866.153 6.89
   LOCATION L0001472     VOLUME   539342.669 4215841.296 6.84
   LOCATION L0001473     VOLUME   539359.465 4215816.438 6.91
   LOCATION L0001474     VOLUME   539376.262 4215791.581 7.13
   LOCATION L0001475     VOLUME   539393.058 4215766.724 7.33
   LOCATION L0001476     VOLUME   539409.854 4215741.867 7.37
   LOCATION L0001477     VOLUME   539426.650 4215717.009 7.41
   LOCATION L0001478     VOLUME   539443.447 4215692.152 7.40
   LOCATION L0001479     VOLUME   539460.243 4215667.295 7.49
   LOCATION L0001480     VOLUME   539477.039 4215642.437 7.59
   LOCATION L0001481     VOLUME   539493.836 4215617.580 7.58
   LOCATION L0001482     VOLUME   539510.632 4215592.723 7.62
   LOCATION L0001483     VOLUME   539527.428 4215567.866 7.66
   LOCATION L0001484     VOLUME   539513.486 4215548.446 8.06
   LOCATION L0001485     VOLUME   539489.182 4215530.858 8.59
   LOCATION L0001486     VOLUME   539464.159 4215514.314 8.98
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   LOCATION L0001487     VOLUME   539439.077 4215497.855 9.10
   LOCATION L0001488     VOLUME   539411.219 4215487.243 9.30
** END OF LINE VOLUME SOURCE ID = WKR2AN
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CONAN
** DESCRSRC DEMO, PAVING, GRADING - ANNUAL
** PREFIX
** LENGTH OF SIDE = 6.10
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0292315083
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 22
** 539387.365, 4215492.296, 9.88, 1.30, 5.67
** 539357.880, 4215576.483, 9.55, 1.30, 5.67
** 539275.051, 4215517.513, 10.12, 1.30, 5.67
** 539296.971, 4215501.413, 10.38, 1.30, 5.67
** 539324.516, 4215491.326, 10.25, 1.30, 5.67
** 539354.777, 4215488.610, 10.19, 1.30, 5.67
** 539380.188, 4215489.580, 9.90, 1.30, 5.67
** 539354.001, 4215563.875, 9.56, 1.30, 5.67
** 539285.526, 4215517.125, 9.95, 1.30, 5.67
** 539307.252, 4215505.292, 10.34, 1.30, 5.67
** 539347.017, 4215497.339, 10.22, 1.30, 5.67
** 539367.385, 4215496.175, 10.19, 1.30, 5.67
** 539350.703, 4215550.490, 9.59, 1.30, 5.67
** 539302.790, 4215518.677, 9.97, 1.30, 5.67
** 539323.740, 4215506.262, 10.29, 1.30, 5.67
** 539358.462, 4215500.831, 10.21, 1.30, 5.67
** 539342.944, 4215542.925, 9.74, 1.30, 5.67
** 539319.860, 4215519.453, 9.99, 1.30, 5.67
** 539332.663, 4215510.918, 9.89, 1.30, 5.67
** 539347.017, 4215510.530, 9.68, 1.30, 5.67
** 539340.616, 4215528.958, 9.81, 1.30, 5.67
** 539329.559, 4215521.393, 9.95, 1.30, 5.67
** ----------------------------------------------------------------
   LOCATION L0001489     VOLUME   539386.358 4215495.172 9.36
   LOCATION L0001490     VOLUME   539382.328 4215506.679 9.29
   LOCATION L0001491     VOLUME   539378.298 4215518.186 9.22
   LOCATION L0001492     VOLUME   539374.268 4215529.693 9.17
   LOCATION L0001493     VOLUME   539370.238 4215541.199 9.10
   LOCATION L0001494     VOLUME   539366.208 4215552.706 9.03
   LOCATION L0001495     VOLUME   539362.178 4215564.213 8.96
   LOCATION L0001496     VOLUME   539358.148 4215575.719 8.89
   LOCATION L0001497     VOLUME   539348.608 4215569.882 9.08
   LOCATION L0001498     VOLUME   539338.676 4215562.811 9.29
   LOCATION L0001499     VOLUME   539328.744 4215555.740 9.50
   LOCATION L0001500     VOLUME   539318.812 4215548.668 9.72
   LOCATION L0001501     VOLUME   539308.880 4215541.597 9.83
   LOCATION L0001502     VOLUME   539298.948 4215534.526 9.90
   LOCATION L0001503     VOLUME   539289.016 4215527.455 9.98
   LOCATION L0001504     VOLUME   539279.084 4215520.384 10.03
   LOCATION L0001505     VOLUME   539280.887 4215513.226 10.07
   LOCATION L0001506     VOLUME   539290.713 4215506.009 10.07
   LOCATION L0001507     VOLUME   539301.129 4215499.890 10.06
   LOCATION L0001508     VOLUME   539312.577 4215495.698 10.02
   LOCATION L0001509     VOLUME   539324.026 4215491.505 9.93
   LOCATION L0001510     VOLUME   539336.139 4215490.283 9.83
   LOCATION L0001511     VOLUME   539348.283 4215489.193 9.74
   LOCATION L0001512     VOLUME   539360.444 4215488.826 9.64
   LOCATION L0001513     VOLUME   539372.627 4215489.292 9.54
   LOCATION L0001514     VOLUME   539378.650 4215493.943 9.44
   LOCATION L0001515     VOLUME   539374.597 4215505.441 9.38
   LOCATION L0001516     VOLUME   539370.544 4215516.940 9.33
   LOCATION L0001517     VOLUME   539366.491 4215528.439 9.29
   LOCATION L0001518     VOLUME   539362.438 4215539.937 9.22
   LOCATION L0001519     VOLUME   539358.385 4215551.436 9.15
   LOCATION L0001520     VOLUME   539354.332 4215562.934 9.08
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   LOCATION L0001521     VOLUME   539344.755 4215557.562 9.27
   LOCATION L0001522     VOLUME   539334.686 4215550.688 9.48
   LOCATION L0001523     VOLUME   539324.617 4215543.813 9.69
   LOCATION L0001524     VOLUME   539314.547 4215536.939 9.88
   LOCATION L0001525     VOLUME   539304.478 4215530.065 9.95
   LOCATION L0001526     VOLUME   539294.409 4215523.190 10.01
   LOCATION L0001527     VOLUME   539286.787 4215516.439 10.04
   LOCATION L0001528     VOLUME   539297.493 4215510.607 10.04
   LOCATION L0001529     VOLUME   539308.311 4215505.081 10.02
   LOCATION L0001530     VOLUME   539320.266 4215502.690 9.96
   LOCATION L0001531     VOLUME   539332.222 4215500.298 9.84
   LOCATION L0001532     VOLUME   539344.177 4215497.907 9.73
   LOCATION L0001533     VOLUME   539356.297 4215496.809 9.63
   LOCATION L0001534     VOLUME   539367.067 4215497.213 9.52
   LOCATION L0001535     VOLUME   539363.487 4215508.868 9.47
   LOCATION L0001536     VOLUME   539359.907 4215520.523 9.44
   LOCATION L0001537     VOLUME   539356.328 4215532.177 9.38
   LOCATION L0001538     VOLUME   539352.748 4215543.832 9.31
   LOCATION L0001539     VOLUME   539346.348 4215547.598 9.35
   LOCATION L0001540     VOLUME   539336.191 4215540.855 9.56
   LOCATION L0001541     VOLUME   539326.034 4215534.111 9.78
   LOCATION L0001542     VOLUME   539315.877 4215527.367 9.98
   LOCATION L0001543     VOLUME   539305.720 4215520.623 10.01
   LOCATION L0001544     VOLUME   539310.253 4215514.255 10.01
   LOCATION L0001545     VOLUME   539320.741 4215508.039 9.95
   LOCATION L0001546     VOLUME   539332.342 4215504.917 9.83
   LOCATION L0001547     VOLUME   539344.387 4215503.033 9.71
   LOCATION L0001548     VOLUME   539356.433 4215501.148 9.60
   LOCATION L0001549     VOLUME   539354.956 4215510.343 9.56
   LOCATION L0001550     VOLUME   539350.738 4215521.782 9.55
   LOCATION L0001551     VOLUME   539346.521 4215533.222 9.51
   LOCATION L0001552     VOLUME   539341.646 4215541.605 9.48
   LOCATION L0001553     VOLUME   539333.097 4215532.913 9.69
   LOCATION L0001554     VOLUME   539324.549 4215524.220 9.89
   LOCATION L0001555     VOLUME   539324.441 4215516.399 9.90
   LOCATION L0001556     VOLUME   539334.973 4215510.855 9.79
   LOCATION L0001557     VOLUME   539346.971 4215510.665 9.65
   LOCATION L0001558     VOLUME   539342.970 4215522.182 9.65
   LOCATION L0001559     VOLUME   539336.474 4215526.124 9.72
** END OF LINE VOLUME SOURCE ID = CONAN
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = TK1AN
   SRCPARAM L0001397     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001398     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001399     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001400     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001401     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001402     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001403     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001404     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001405     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001406     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001407     0.0000003915      3.40     18.60      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = WKR1AN
   SRCPARAM L0001408     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001409     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001410     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001411     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001412     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001413     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001414     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001415     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001416     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001417     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001418     0.00000003432      1.30     18.60      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = TK2AN
   SRCPARAM L0001560     0.0000002939      3.40     13.95      3.16
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   SRCPARAM L0001561     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001562     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001563     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001564     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001565     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001566     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001567     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001568     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001569     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001570     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001571     0.0000002939      3.40     13.95      3.16
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   SRCPARAM L0001573     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001574     0.0000002939      3.40     13.95      3.16
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   SRCPARAM L0001581     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001582     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001583     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001584     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001585     0.0000002939      3.40     13.95      3.16
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   SRCPARAM L0001587     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001588     0.0000002939      3.40     13.95      3.16
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   SRCPARAM L0001591     0.0000002939      3.40     13.95      3.16
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   SRCPARAM L0001593     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001594     0.0000002939      3.40     13.95      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = WKR2AN
   SRCPARAM L0001454     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001455     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001456     0.00000002576      1.30     13.95      1.21
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   SRCPARAM L0001459     0.00000002576      1.30     13.95      1.21
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   SRCPARAM L0001461     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001462     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001463     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001464     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001465     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001466     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001467     0.00000002576      1.30     13.95      1.21
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   SRCPARAM L0001469     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001470     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001471     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001472     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001473     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001474     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001475     0.00000002576      1.30     13.95      1.21
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   SRCPARAM L0001482     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001483     0.00000002576      1.30     13.95      1.21
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   SRCPARAM L0001486     0.00000002576      1.30     13.95      1.21
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   SRCPARAM L0001487     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001488     0.00000002576      1.30     13.95      1.21
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   SRCPARAM L0001531     0.0004117114      1.30      5.67      1.21
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   SRCPARAM L0001552     0.0004117114      1.30      5.67      1.21
   SRCPARAM L0001553     0.0004117114      1.30      5.67      1.21
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   SRCPARAM L0001556     0.0004117114      1.30      5.67      1.21
   SRCPARAM L0001557     0.0004117114      1.30      5.67      1.21
   SRCPARAM L0001558     0.0004117114      1.30      5.67      1.21
   SRCPARAM L0001559     0.0004117114      1.30      5.67      1.21
** ------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "CONSTRUCTION"
** WEEKDAYS:
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001397     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001398     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001399     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001400     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001401     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001407     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
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   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001404     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001404     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001404     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001404     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001408     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001409     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001410     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001411     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001412     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001412     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001413     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001413     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001414     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001414     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001415     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001415     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001416     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001416     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001417     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001417     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001418     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001560     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001560     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001561     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001561     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001561     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001561     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001562     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001562     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001562     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001562     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001563     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001563     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001563     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001563     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001564     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001564     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001564     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001564     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001565     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001565     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001565     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001565     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001566     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001566     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001566     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001566     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001567     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001567     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001567     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001567     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001568     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001568     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001568     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001568     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001569     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001569     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001569     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001569     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001570     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001570     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001570     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001570     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001571     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001571     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001572     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001572     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001573     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001573     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001574     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001574     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001575     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001575     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001576     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001576     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001577     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001577     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001578     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001578     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001579     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001579     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001580     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001580     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001581     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001581     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001582     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001582     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001583     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001583     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001585     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SATURDAY:
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   EMISFACT L0001560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001594     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
    EMISFACT L0001560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001562     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001576     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001577     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001578     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001579     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001590     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001590     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001590     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001590     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001591     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001591     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001591     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001591     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001592     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001592     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001592     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001592     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001593     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001593     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001593     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001593     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001594     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001594     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001594     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001594     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001454     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001454     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001455     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001455     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001456     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001456     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001457     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001457     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001458     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001458     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001461     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001461     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001462     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001462     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001462     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001464     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001465     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001466     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001467     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001468     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001468     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001469     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001469     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001469     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001469     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001470     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001470     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001470     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001470     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001471     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001471     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001471     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001472     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001472     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001472     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001473     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001473     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001473     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001473     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001474     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001474     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001474     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001475     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001475     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001476     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001476     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001477     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001477     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001478     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001478     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001479     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001479     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001480     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001480     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001481     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001481     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001482     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001482     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001482     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001483     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001483     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001483     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001484     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001484     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001484     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001485     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001485     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001485     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001486     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001486     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001486     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001487     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001487     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001488     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001488     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
    EMISFACT L0001454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SUNDAY:
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   EMISFACT L0001454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** WEEKDAYS:
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   EMISFACT L0001489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001490     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001492     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001492     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001500     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001540     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001541     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001541     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001542     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001542     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001542     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001542     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001543     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001543     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001545     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001546     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001546     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001546     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001546     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001547     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001547     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001547     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001547     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001548     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001548     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001548     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001548     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001549     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001550     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001550     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001550     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001550     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001551     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001551     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001551     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001551     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001552     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001552     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001552     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001552     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001553     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001553     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001553     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001553     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001554     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001554     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001554     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001554     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001557     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001557     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001557     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001557     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001558     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001558     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001558     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001558     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001559     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001559     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001559     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001559     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED "NOVATO CONST NO2 UNMIT ANN JULY 2025.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE "NOVATO - OPERATIONAL - DEC 2024.SFC"
```

```
   PROFFILE "NOVATO - OPERATIONAL - DEC 2024.PFL"
   SURFDATA 72040 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 1.0 METERS
ME FINISHED
**
****************************************
** AERMOD OUTPUT PATHWAY
****************************************
**
**
OU STARTING
** AUTO-GENERATED PLOTFILES
   PLOTFILE   ANNUAL ALL "NOVATO CONST NO2 UNMIT ANN JULY 2025.AD\AN00GALL.PLT" 31
   SUMMFILE "NOVATO CONST NO2 UNMIT ANN JULY 2025.SUM"
OU FINISHED


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

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

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


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


    ********   WARNING MESSAGES   ********
 ME W187    2488       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

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

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
         with a Minimum NO2/NOx Ratio of  0.500
         and a Maximum NO2/NOx Ratio of  0.900
      * Model Uses URBAN Dispersion Algorithm for the SBL for   163 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    260206.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
```

```
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: NO2

 **NOTE: Special processing requirements applicable for the 1-hour NO2 NAAQS have been disabled!!!
        User has specified non-standard averaging periods:
        High ranked 1-hour values are NOT averaged across the number of years modeled, and
        complete years of data are NOT required.

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:    163 Source(s);       1 Source Group(s); and    2612 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    163 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


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

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =
    0.0
                  Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =
0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   NOVATO CONST NO2 UNMIT ANN JULY 2025.ERR

 **File for Summary of Results:   NOVATO CONST NO2 UNMIT ANN JULY 2025.SUM

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                            *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
```

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE	SCALAR VARY BY
L0001397	0	0.39150E-06	538665.7	4216147.5	9.1	3.40	18.60	3.16	YES	HRDOW
NO										
L0001398	0	0.39150E-06	538696.7	4216172.8	8.4	3.40	18.60	3.16	YES	HRDOW
NO										
L0001399	0	0.39150E-06	538727.6	4216198.1	7.7	3.40	18.60	3.16	YES	HRDOW
NO										
L0001400	0	0.39150E-06	538758.6	4216223.4	7.2	3.40	18.60	3.16	YES	HRDOW
NO										
L0001401	0	0.39150E-06	538789.6	4216248.7	7.0	3.40	18.60	3.16	YES	HRDOW
NO										
L0001402	0	0.39150E-06	538820.5	4216274.0	6.6	3.40	18.60	3.16	YES	HRDOW
NO										
L0001403	0	0.39150E-06	538851.7	4216299.0	5.9	3.40	18.60	3.16	YES	HRDOW
NO										
L0001404	0	0.39150E-06	538890.2	4216309.9	5.4	3.40	18.60	3.16	YES	HRDOW
NO										
L0001405	0	0.39150E-06	538928.9	4216318.5	5.0	3.40	18.60	3.16	YES	HRDOW
NO										
L0001406	0	0.39150E-06	538968.5	4216313.8	4.8	3.40	18.60	3.16	YES	HRDOW
NO										
L0001407	0	0.39150E-06	539005.2	4216299.6	4.7	3.40	18.60	3.16	YES	HRDOW
NO										
L0001408	0	0.34320E-07	538665.7	4216147.5	9.1	1.30	18.60	1.21	YES	HRDOW
NO										
L0001409	0	0.34320E-07	538696.7	4216172.8	8.4	1.30	18.60	1.21	YES	HRDOW
NO										
L0001410	0	0.34320E-07	538727.6	4216198.1	7.7	1.30	18.60	1.21	YES	HRDOW
NO										
L0001411	0	0.34320E-07	538758.6	4216223.4	7.2	1.30	18.60	1.21	YES	HRDOW
NO										
L0001412	0	0.34320E-07	538789.6	4216248.7	7.0	1.30	18.60	1.21	YES	HRDOW
NO										
L0001413	0	0.34320E-07	538820.5	4216274.0	6.6	1.30	18.60	1.21	YES	HRDOW
NO										
L0001414	0	0.34320E-07	538851.7	4216299.0	5.9	1.30	18.60	1.21	YES	HRDOW
NO										
L0001415	0	0.34320E-07	538890.2	4216309.9	5.4	1.30	18.60	1.21	YES	HRDOW
NO										
L0001416	0	0.34320E-07	538928.9	4216318.5	5.0	1.30	18.60	1.21	YES	HRDOW
NO										
L0001417	0	0.34320E-07	538968.5	4216313.8	4.8	1.30	18.60	1.21	YES	HRDOW
NO										
L0001418	0	0.34320E-07	539005.2	4216299.6	4.7	1.30	18.60	1.21	YES	HRDOW
NO										
L0001560	0	0.29390E-06	539029.9	4216280.9	4.8	3.40	13.95	3.16	YES	HRDOW
NO										
L0001561	0	0.29390E-06	539049.7	4216258.4	5.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001562	0	0.29390E-06	539069.6	4216235.9	5.3	3.40	13.95	3.16	YES	HRDOW
NO										
L0001563	0	0.29390E-06	539089.5	4216213.4	5.5	3.40	13.95	3.16	YES	HRDOW
NO										
L0001564	0	0.29390E-06	539107.0	4216189.2	5.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0001565	0	0.29390E-06	539124.0	4216164.4	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001566	0	0.29390E-06	539140.9	4216139.6	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001567	0	0.29390E-06	539157.8	4216114.9	5.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0001568	0	0.29390E-06	539174.6	4216090.0	5.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0001569	0	0.29390E-06	539191.4	4216065.1	6.1	3.40	13.95	3.16	YES	HRDOW
NO										

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 L0001570         0   0.29390E-06  539208.2 4216040.3     6.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001571         0   0.29390E-06  539225.0 4216015.4     6.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0001572         0   0.29390E-06  539241.8 4215990.6     6.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0001573         0   0.29390E-06  539258.6 4215965.7     6.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001574         0   0.29390E-06  539275.4 4215940.9     6.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0001575         0   0.29390E-06  539292.2 4215916.0     6.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0001576         0   0.29390E-06  539309.0 4215891.1     7.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0001577         0   0.29390E-06  539325.8 4215866.3     6.9     3.40    13.95     3.16     YES   HRDOW
NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE   3
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                   BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0001578         0   0.29390E-06  539342.6 4215841.4     6.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0001579         0   0.29390E-06  539359.4 4215816.6     6.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0001580         0   0.29390E-06  539376.2 4215791.7     7.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0001581         0   0.29390E-06  539393.0 4215766.9     7.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001582         0   0.29390E-06  539409.8 4215742.0     7.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0001583         0   0.29390E-06  539426.6 4215717.1     7.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0001584         0   0.29390E-06  539443.4 4215692.3     7.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0001585         0   0.29390E-06  539460.2 4215667.4     7.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0001586         0   0.29390E-06  539476.9 4215642.6     7.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0001587         0   0.29390E-06  539493.7 4215617.7     7.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0001588         0   0.29390E-06  539510.5 4215592.9     7.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0001589         0   0.29390E-06  539527.3 4215568.0     7.7     3.40    13.95     3.16     YES   HRDOW
NO
 L0001590         0   0.29390E-06  539513.6 4215548.5     8.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0001591         0   0.29390E-06  539489.3 4215531.0     8.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0001592         0   0.29390E-06  539464.3 4215514.4     9.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0001593         0   0.29390E-06  539439.2 4215497.9     9.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0001594         0   0.29390E-06  539411.4 4215487.3     9.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001454         0   0.25760E-07  539029.9 4216280.9     4.8     1.30    13.95     1.21     YES   HRDOW
```

NO

L0001455	0	0.25760E-07	539049.7	4216258.3	5.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001456	0	0.25760E-07	539069.4	4216235.8	5.3	1.30	13.95	1.21	YES	HRDOW	NO
L0001457	0	0.25760E-07	539088.1	4216212.3	5.6	1.30	13.95	1.21	YES	HRDOW	NO
L0001458	0	0.25760E-07	539105.6	4216187.9	5.7	1.30	13.95	1.21	YES	HRDOW	NO
L0001459	0	0.25760E-07	539123.0	4216163.5	5.6	1.30	13.95	1.21	YES	HRDOW	NO
L0001460	0	0.25760E-07	539140.4	4216139.1	5.6	1.30	13.95	1.21	YES	HRDOW	NO
L0001461	0	0.25760E-07	539157.9	4216114.7	5.7	1.30	13.95	1.21	YES	HRDOW	NO
L0001462	0	0.25760E-07	539174.7	4216089.9	5.9	1.30	13.95	1.21	YES	HRDOW	NO
L0001463	0	0.25760E-07	539191.5	4216065.0	6.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001464	0	0.25760E-07	539208.3	4216040.2	6.2	1.30	13.95	1.21	YES	HRDOW	NO
L0001465	0	0.25760E-07	539225.1	4216015.3	6.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001466	0	0.25760E-07	539241.9	4215990.4	6.0	1.30	13.95	1.21	YES	HRDOW	NO
L0001467	0	0.25760E-07	539258.7	4215965.6	6.2	1.30	13.95	1.21	YES	HRDOW	NO
L0001468	0	0.25760E-07	539275.5	4215940.7	6.5	1.30	13.95	1.21	YES	HRDOW	NO
L0001469	0	0.25760E-07	539292.3	4215915.9	6.8	1.30	13.95	1.21	YES	HRDOW	NO
L0001470	0	0.25760E-07	539309.1	4215891.0	7.0	1.30	13.95	1.21	YES	HRDOW	NO
L0001471	0	0.25760E-07	539325.9	4215866.2	6.9	1.30	13.95	1.21	YES	HRDOW	NO
L0001472	0	0.25760E-07	539342.7	4215841.3	6.8	1.30	13.95	1.21	YES	HRDOW	NO
L0001473	0	0.25760E-07	539359.5	4215816.4	6.9	1.30	13.95	1.21	YES	HRDOW	NO
L0001474	0	0.25760E-07	539376.3	4215791.6	7.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001475	0	0.25760E-07	539393.1	4215766.7	7.3	1.30	13.95	1.21	YES	HRDOW	NO
L0001476	0	0.25760E-07	539409.9	4215741.9	7.4	1.30	13.95	1.21	YES	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001477	0	0.25760E-07	539426.7	4215717.0	7.4	1.30	13.95	1.21	YES	HRDOW	NO
L0001478	0	0.25760E-07	539443.4	4215692.2	7.4	1.30	13.95	1.21	YES	HRDOW	NO
L0001479	0	0.25760E-07	539460.2	4215667.3	7.5	1.30	13.95	1.21	YES	HRDOW	NO

L0001480	0	0.25760E-07	539477.0	4215642.4	7.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001481	0	0.25760E-07	539493.8	4215617.6	7.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001482	0	0.25760E-07	539510.6	4215592.7	7.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001483	0	0.25760E-07	539527.4	4215567.9	7.7	1.30	13.95	1.21	YES	HRDOW
NO										
L0001484	0	0.25760E-07	539513.5	4215548.4	8.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0001485	0	0.25760E-07	539489.2	4215530.9	8.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001486	0	0.25760E-07	539464.2	4215514.3	9.0	1.30	13.95	1.21	YES	HRDOW
NO										
L0001487	0	0.25760E-07	539439.1	4215497.9	9.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0001488	0	0.25760E-07	539411.2	4215487.2	9.3	1.30	13.95	1.21	YES	HRDOW
NO										
L0001489	0	0.41171E-03	539386.4	4215495.2	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001490	0	0.41171E-03	539382.3	4215506.7	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001491	0	0.41171E-03	539378.3	4215518.2	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001492	0	0.41171E-03	539374.3	4215529.7	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001493	0	0.41171E-03	539370.2	4215541.2	9.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001494	0	0.41171E-03	539366.2	4215552.7	9.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001495	0	0.41171E-03	539362.2	4215564.2	9.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001496	0	0.41171E-03	539358.1	4215575.7	8.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0001497	0	0.41171E-03	539348.6	4215569.9	9.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001498	0	0.41171E-03	539338.7	4215562.8	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001499	0	0.41171E-03	539328.7	4215555.7	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001500	0	0.41171E-03	539318.8	4215548.7	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001501	0	0.41171E-03	539308.9	4215541.6	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0001502	0	0.41171E-03	539298.9	4215534.5	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0001503	0	0.41171E-03	539289.0	4215527.5	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001504	0	0.41171E-03	539279.1	4215520.4	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001505	0	0.41171E-03	539280.9	4215513.2	10.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001506	0	0.41171E-03	539290.7	4215506.0	10.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001507	0	0.41171E-03	539301.1	4215499.9	10.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001508	0	0.41171E-03	539312.6	4215495.7	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001509	0	0.41171E-03	539324.0	4215491.5	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0001510	0	0.41171E-03	539336.1	4215490.3	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0001511	0	0.41171E-03	539348.3	4215489.2	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001512	0	0.41171E-03	539360.4	4215488.8	9.6	1.30	5.67	1.21	YES	HRDOW
NO										
L0001513	0	0.41171E-03	539372.6	4215489.3	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001514	0	0.41171E-03	539378.7	4215493.9	9.4	1.30	5.67	1.21	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001515	0	0.41171E-03	539374.6	4215505.4	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001516	0	0.41171E-03	539370.5	4215516.9	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001517	0	0.41171E-03	539366.5	4215528.4	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001518	0	0.41171E-03	539362.4	4215539.9	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001519	0	0.41171E-03	539358.4	4215551.4	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001520	0	0.41171E-03	539354.3	4215562.9	9.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001521	0	0.41171E-03	539344.8	4215557.6	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001522	0	0.41171E-03	539334.7	4215550.7	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001523	0	0.41171E-03	539324.6	4215543.8	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001524	0	0.41171E-03	539314.5	4215536.9	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0001525	0	0.41171E-03	539304.5	4215530.1	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001526	0	0.41171E-03	539294.4	4215523.2	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001527	0	0.41171E-03	539286.8	4215516.4	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001528	0	0.41171E-03	539297.5	4215510.6	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001529	0	0.41171E-03	539308.3	4215505.1	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001530	0	0.41171E-03	539320.3	4215502.7	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001531	0	0.41171E-03	539332.2	4215500.3	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0001532	0	0.41171E-03	539344.2	4215497.9	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001533	0	0.41171E-03	539356.3	4215496.8	9.6	1.30	5.67	1.21	YES	HRDOW
NO										
L0001534	0	0.41171E-03	539367.1	4215497.2	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001535	0	0.41171E-03	539363.5	4215508.9	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001536	0	0.41171E-03	539359.9	4215520.5	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001537	0	0.41171E-03	539356.3	4215532.2	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001538	0	0.41171E-03	539352.7	4215543.8	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001539	0	0.41171E-03	539346.3	4215547.6	9.4	1.30	5.67	1.21	YES	HRDOW
NO										

 L0001540   0   0.41171E-03 539336.2 4215540.9   9.6   1.30   5.67   1.21   YES   HRDOW
NO
 L0001541   0   0.41171E-03 539326.0 4215534.1   9.8   1.30   5.67   1.21   YES   HRDOW
NO
 L0001542   0   0.41171E-03 539315.9 4215527.4   10.0   1.30   5.67   1.21   YES   HRDOW
NO
 L0001543   0   0.41171E-03 539305.7 4215520.6   10.0   1.30   5.67   1.21   YES   HRDOW
NO
 L0001544   0   0.41171E-03 539310.3 4215514.3   10.0   1.30   5.67   1.21   YES   HRDOW
NO
 L0001545   0   0.41171E-03 539320.7 4215508.0   10.0   1.30   5.67   1.21   YES   HRDOW
NO
 L0001546   0   0.41171E-03 539332.3 4215504.9   9.8   1.30   5.67   1.21   YES   HRDOW
NO
 L0001547   0   0.41171E-03 539344.4 4215503.0   9.7   1.30   5.67   1.21   YES   HRDOW
NO
 L0001548   0   0.41171E-03 539356.4 4215501.1   9.6   1.30   5.67   1.21   YES   HRDOW
NO
 L0001549   0   0.41171E-03 539355.0 4215510.3   9.6   1.30   5.67   1.21   YES   HRDOW
NO
 L0001550   0   0.41171E-03 539350.7 4215521.8   9.6   1.30   5.67   1.21   YES   HRDOW
NO
 L0001551   0   0.41171E-03 539346.5 4215533.2   9.5   1.30   5.67   1.21   YES   HRDOW
NO
 L0001552   0   0.41171E-03 539341.6 4215541.6   9.5   1.30   5.67   1.21   YES   HRDOW
NO
 L0001553   0   0.41171E-03 539333.1 4215532.9   9.7   1.30   5.67   1.21   YES   HRDOW
NO
 L0001554   0   0.41171E-03 539324.5 4215524.2   9.9   1.30   5.67   1.21   YES   HRDOW
NO
 L0001555   0   0.41171E-03 539324.4 4215516.4   9.9   1.30   5.67   1.21   YES   HRDOW
NO
 L0001556   0   0.41171E-03 539335.0 4215510.9   9.8   1.30   5.67   1.21   YES   HRDOW
NO

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT

 L0001557   0   0.41171E-03 539347.0 4215510.7   9.7   1.30   5.67   1.21   YES   HRDOW
NO
 L0001558   0   0.41171E-03 539343.0 4215522.2   9.7   1.30   5.67   1.21   YES   HRDOW
NO
 L0001559   0   0.41171E-03 539336.5 4215526.1   9.7   1.30   5.67   1.21   YES   HRDOW
NO

*** SOURCE IDs DEFINING SOURCE GROUPS ***

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 SRCGROUP ID                                        SOURCE IDs
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  ALL        L0001397    , L0001398    , L0001399    , L0001400    , L0001401    , L0001402    , L0001403    ,
L0001404    ,

             L0001405    , L0001406    , L0001407    , L0001408    , L0001409    , L0001410    , L0001411    ,
L0001412    ,

             L0001413    , L0001414    , L0001415    , L0001416    , L0001417    , L0001418    , L0001560    ,
L0001561    ,

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L0001569    ,

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L0001577    ,

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L0001585    ,

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L0001460    ,

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L0001476    ,

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L0001532    ,

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L0001540    ,

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L0001548    ,

             L0001549    , L0001550    , L0001551    , L0001552    , L0001553    , L0001554    , L0001555    ,
L0001556    ,
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

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*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0001557 , L0001558 , L0001559 ,

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

URBAN ID	URBAN POP	SOURCE IDs
	260206.	L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , L0001402 , L0001403 , L0001404 ,
		L0001405 , L0001406 , L0001407 , L0001408 , L0001409 , L0001410 , L0001411 , L0001412 ,
		L0001413 , L0001414 , L0001415 , L0001416 , L0001417 , L0001418 , L0001560 , L0001561 ,
		L0001562 , L0001563 , L0001564 , L0001565 , L0001566 , L0001567 , L0001568 , L0001569 ,
		L0001570 , L0001571 , L0001572 , L0001573 , L0001574 , L0001575 , L0001576 , L0001577 ,
		L0001578 , L0001579 , L0001580 , L0001581 , L0001582 , L0001583 , L0001584 , L0001585 ,
		L0001586 , L0001587 , L0001588 , L0001589 , L0001590 , L0001591 , L0001592 , L0001593 ,
		L0001594 , L0001454 , L0001455 , L0001456 , L0001457 , L0001458 , L0001459 , L0001460 ,
		L0001461 , L0001462 , L0001463 , L0001464 , L0001465 , L0001466 , L0001467 , L0001468 ,
		L0001469 , L0001470 , L0001471 , L0001472 , L0001473 , L0001474 , L0001475 , L0001476 ,
		L0001477 , L0001478 , L0001479 , L0001480 , L0001481 , L0001482 , L0001483 , L0001484 ,
		L0001485 , L0001486 , L0001487 , L0001488 , L0001489 , L0001490 , L0001491 , L0001492 ,
		L0001493 , L0001494 , L0001495 , L0001496 , L0001497 , L0001498 , L0001499 , L0001500 ,
		L0001501 , L0001502 , L0001503 , L0001504 , L0001505 , L0001506 , L0001507 , L0001508 ,
		L0001509 , L0001510 , L0001511 , L0001512 , L0001513 , L0001514 , L0001515 ,

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L0001532   ,

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L0001540   ,

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L0001548   ,

             L0001549   , L0001550   , L0001551   , L0001552   , L0001553   , L0001554   , L0001555   ,
L0001556   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

  URBAN ID   URBAN POP   SOURCE IDs
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             L0001557   , L0001558   , L0001559   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001397   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0001398 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001399 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001400 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001401 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001402   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001403   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001404     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001405     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001406     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001407     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                                               DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                               DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001408     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                               DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                               DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001409     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                               DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

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

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001410     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

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

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

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001411     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
```

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

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

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



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

 SOURCE ID = L0001412     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

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

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

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



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

 SOURCE ID = L0001413     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

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

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

SOURCE ID = L0001414 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0001415     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001416     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

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

SOURCE ID = L0001417 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001418 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001560 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001561 ; SOURCE TYPE = VOLUME :

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

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

 SOURCE ID = L0001562   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0001563   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

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

SOURCE ID = L0001564   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0001565   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001566   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001567   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001568   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001569   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                 ***
  10:11:07

  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001570     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                 ***
  10:11:07

  PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001571     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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```
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  10:11:07

  PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001572     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  10:11:07

  PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001573     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
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16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

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

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001574     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

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

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

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001575     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

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

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

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001576     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

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

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

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001577     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

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

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

SOURCE ID = L0001578 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0001579     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001580     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001581 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001582 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001583 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001584 ; SOURCE TYPE = VOLUME :

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

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

 SOURCE ID = L0001585   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0001586   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

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

SOURCE ID = L0001587 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001588 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001589   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001590   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  10:11:07

  PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001591     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  10:11:07

  PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001592     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001593     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001594     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001454     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001455     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
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16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  70
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001456     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  71
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001457     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

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

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

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001458     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

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

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001459     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001460 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

```
 SOURCE ID = L0001461     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001462     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

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

SOURCE ID = L0001463 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001464 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/18/25
*** AERMET - VERSION 18081 *** *** NOVATO CONSTRUCTION NO2 UNMITIGATED *** 10:11:07

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

SOURCE ID = L0001465 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001466 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001467 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001468 ; SOURCE TYPE = VOLUME :

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

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001469     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001470     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
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8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001471   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001472   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001473     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001474     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001475     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001476     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001477     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001478     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001479   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001480   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY

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

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

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001481     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

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

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

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001482     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001483 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

```
 SOURCE ID = L0001484     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001485     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

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

SOURCE ID = L0001486 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001487 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/18/25
*** AERMET - VERSION 18081 *** *** NOVATO CONSTRUCTION NO2 UNMITIGATED *** 10:11:07

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

SOURCE ID = L0001488 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001489 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001490 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001491 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001492 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001493 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001494   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001495   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  10:11:07

  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001496     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  10:11:07

  PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001497     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE 112
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001498     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE 113
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001499     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001500     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001501     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
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16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

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

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

 SOURCE ID = L0001502   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

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

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

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

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

 SOURCE ID = L0001503   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY

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

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

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

 SOURCE ID = L0001504     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

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

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

 SOURCE ID = L0001505     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
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 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001506 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

```
 SOURCE ID = L0001507     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
* *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001508     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
* *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

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

SOURCE ID = L0001509 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001510 ; SOURCE TYPE = VOLUME :

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

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/18/25
*** AERMET - VERSION 18081 *** *** NOVATO CONSTRUCTION NO2 UNMITIGATED *** 10:11:07

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

SOURCE ID = L0001511 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001512 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001513 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001514 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001515 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001516 ; SOURCE TYPE = VOLUME :

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

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001517   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001518   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  10:11:07

  PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001519     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  10:11:07

  PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001520     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001521     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001522     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0001523 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

SOURCE ID = L0001524 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01

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16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 139
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001525     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 140
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001526     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
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```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

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

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

 SOURCE ID = L0001527     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

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

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



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

 SOURCE ID = L0001528     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001529 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

```
 SOURCE ID = L0001530     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001531     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001532 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001533 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001534 ; SOURCE TYPE = VOLUME :

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

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

SOURCE ID = L0001535 ; SOURCE TYPE = VOLUME :

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

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

 SOURCE ID = L0001536   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0001537   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

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

 SOURCE ID = L0001538   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

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

 SOURCE ID = L0001539   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001540   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001541   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001542   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

 SOURCE ID = L0001543   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001544     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001545     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001548     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001549     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

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

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

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



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

 SOURCE ID = L0001550     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

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

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

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



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

 SOURCE ID = L0001551     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

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

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

SOURCE ID = L0001552 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

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

```
 SOURCE ID = L0001553     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 168
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

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

 SOURCE ID = L0001554     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 169
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

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

SOURCE ID = L0001555 ; SOURCE TYPE = VOLUME :

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

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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

SOURCE ID = L0001556 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/18/25
*** AERMET - VERSION 18081 *** *** NOVATO CONSTRUCTION NO2 UNMITIGATED *** 10:11:07

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001557 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001558 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001559 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

538744.0, 538764.0, 538784.0, 538804.0, 538824.0, 538844.0, 538864.0, 538884.0, 538904.0, 538924.0,
538944.0, 538964.0, 538984.0, 539004.0, 539024.0, 539044.0, 539064.0, 539084.0, 539104.0, 539124.0,
539144.0, 539164.0, 539184.0, 539204.0, 539224.0, 539244.0, 539264.0, 539284.0, 539304.0, 539324.0,
539344.0, 539364.0, 539384.0, 539404.0, 539424.0, 539444.0, 539464.0, 539484.0, 539504.0, 539524.0,
539544.0, 539564.0, 539584.0, 539604.0, 539624.0, 539644.0, 539664.0, 539684.0, 539704.0, 539724.0,

*** Y-COORDINATES OF GRID ***
(METERS)

4214978.0, 4214998.0, 4215018.0, 4215038.0, 4215058.0, 4215078.0, 4215098.0, 4215118.0, 4215138.0, 4215158.0,
4215178.0, 4215198.0, 4215218.0, 4215238.0, 4215258.0, 4215278.0, 4215298.0, 4215318.0, 4215338.0, 4215358.0,
4215378.0, 4215398.0, 4215418.0, 4215438.0, 4215458.0, 4215478.0, 4215498.0, 4215518.0, 4215538.0, 4215558.0,
4215578.0, 4215598.0, 4215618.0, 4215638.0, 4215658.0, 4215678.0, 4215698.0, 4215718.0, 4215738.0, 4215758.0,
4215778.0, 4215798.0, 4215818.0, 4215838.0, 4215858.0, 4215878.0, 4215898.0, 4215918.0, 4215938.0, 4215958.0,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	10.10	9.80	9.60	9.30	9.30	9.30	9.30	9.20	8.90
4215938.00	10.30	10.00	9.80	9.50	9.50	9.50	9.50	9.40	9.10
4215918.00	10.50	10.30	10.00	9.70	9.70	9.70	9.70	9.60	9.40
4215898.00	10.80	10.50	10.20	9.90	9.90	10.00	10.00	9.80	9.60
4215878.00	11.00	10.70	10.40	10.20	10.10	10.10	10.00	9.90	9.70
4215858.00	11.20	10.90	10.60	10.40	10.30	10.20	10.10	9.90	9.80
4215838.00	11.40	11.10	10.90	10.60	10.40	10.30	10.10	10.00	9.80
4215818.00	11.60	11.30	11.10	10.80	10.60	10.40	10.10	10.00	9.90
4215798.00	11.80	11.60	11.30	11.00	10.80	10.50	10.20	10.10	10.10
4215778.00	12.10	11.80	11.50	11.20	11.00	10.80	10.60	10.50	10.40
4215758.00	12.30	12.00	11.70	11.50	11.30	11.20	11.00	10.90	10.80
4215738.00	12.50	12.20	11.90	11.70	11.60	11.50	11.40	11.30	11.10
4215718.00	12.70	12.40	12.20	11.90	11.90	11.80	11.80	11.70	11.50
4215698.00	12.90	12.70	12.40	12.10	12.10	12.10	12.10	12.00	11.70
4215678.00	13.10	12.90	12.60	12.30	12.30	12.30	12.30	12.20	12.00
4215658.00	13.40	13.10	12.80	12.50	12.50	12.50	12.50	12.50	12.20
4215638.00	13.60	13.30	13.00	12.80	12.80	12.80	12.80	12.70	12.40
4215618.00	13.80	13.50	13.30	13.00	13.00	13.00	13.00	12.90	12.60
4215598.00	14.00	13.70	13.50	13.20	13.20	13.20	13.20	13.10	12.80
4215578.00	14.20	14.00	13.70	13.40	13.40	13.40	13.40	13.30	13.10
4215558.00	14.40	14.20	13.90	13.60	13.60	13.60	13.60	13.50	13.30
4215538.00	14.70	14.40	14.10	13.80	13.80	13.80	13.80	13.80	13.50
4215518.00	14.90	14.60	14.30	14.10	14.00	14.00	14.00	13.90	13.70
4215498.00	15.10	14.80	14.60	14.30	14.20	14.10	14.10	13.90	13.70
4215478.00	15.30	15.00	14.80	14.50	14.40	14.20	14.10	14.00	13.80
4215458.00	15.50	15.30	15.00	14.70	14.50	14.30	14.10	14.00	13.90
4215438.00	15.80	15.50	15.20	14.90	14.70	14.40	14.20	14.00	14.00

  4215418.00 | 16.00   15.70   15.40   15.20   14.90   14.60   14.30
14.10   14.10
  4215398.00 | 16.20   15.90   15.60   15.40   15.10   14.80   14.60
14.40   14.40
  4215378.00 | 16.40   16.10   15.90   15.60   15.30   15.00   14.80
14.60   14.60
  4215358.00 | 16.60   16.40   16.10   15.80   15.50   15.30   15.00
14.80   14.80
  4215338.00 | 16.80   16.60   16.30   16.00   15.80   15.50   15.20
15.00   15.00
  4215318.00 | 17.10   16.80   16.50   16.20   16.00   15.80   15.60
15.40   15.40
  4215298.00 | 17.30   17.00   16.70   16.50   16.30   16.10   16.00
15.90   15.70
  4215278.00 | 17.50   17.20   17.00   16.70   16.60   16.50   16.40
16.30   16.10
  4215258.00 | 17.70   17.40   17.20   16.90   16.80   16.80   16.80
16.70   16.50
  4215238.00 | 17.90   17.70   17.40   17.10   17.10   17.00   17.00
16.90   16.70
  4215218.00 | 18.10   17.90   17.60   17.30   17.20   17.10   17.10
17.00   16.80
  4215198.00 | 18.40   18.10   17.80   17.50   17.40   17.30   17.10
17.00   16.80
  4215178.00 | 18.60   18.30   18.00   17.80   17.60   17.40   17.20
17.00   16.90

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215158.00 | 18.80   18.50   18.30   18.00   17.70   17.50   17.20
17.00   17.00
  4215138.00 | 19.00   18.70   18.50   18.20   17.90   17.70   17.40
17.20   17.10
  4215118.00 | 19.20   19.00   18.70   18.40   18.10   17.90   17.60
17.40   17.30
  4215098.00 | 19.50   19.20   18.90   18.60   18.40   18.10   17.80
17.60   17.40
  4215078.00 | 19.70   19.40   19.10   18.90   18.60   18.30   18.00
17.80   17.60
  4215058.00 | 19.90   19.60   19.30   19.10   18.80   18.50   18.30
18.00   17.70
  4215038.00 | 20.10   19.80   19.60   19.30   19.00   18.70   18.50
18.20   17.90
  4215018.00 | 20.30   20.10   19.80   19.50   19.20   19.00   18.70
18.40   18.10
  4214998.00 | 20.50   20.30   20.00   19.70   19.50   19.20   18.90
18.60   18.40
  4214978.00 | 20.80   20.50   20.20   19.90   19.70   19.40   19.10
18.90   18.60

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00	
4215958.00	8.60	8.40	8.30	8.30	8.30	8.30	8.00	7.70	7.50	
4215938.00	8.90	8.60	8.50	8.50	8.50	8.50	8.20	8.00	7.70	
4215918.00	9.10	8.80	8.70	8.70	8.70	8.70	8.40	8.20	7.90	
4215898.00	9.30	9.00	9.00	9.00	9.00	8.90	8.70	8.40	8.10	
4215878.00	9.50	9.20	9.20	9.20	9.20	9.20	8.90	8.60	8.30	
4215858.00	9.60	9.40	9.40	9.40	9.40	9.40	9.10	8.80	8.60	
4215838.00	9.70	9.60	9.60	9.60	9.60	9.60	9.30	9.00	8.80	
4215818.00	9.90	9.80	9.80	9.80	9.80	9.80	9.50	9.30	9.00	
4215798.00	10.00	10.00	10.00	10.00	10.00	10.00	9.70	9.50	9.20	
4215778.00	10.30	10.30	10.20	10.10	10.10	10.00	9.80	9.60	9.40	
4215758.00	10.60	10.50	10.40	10.30	10.10	10.00	9.80	9.70	9.60	
4215738.00	10.90	10.70	10.60	10.40	10.20	10.00	9.90	9.80	9.70	
4215718.00	11.20	11.00	10.70	10.50	10.20	10.00	10.00	9.90	9.90	
4215698.00	11.50	11.20	10.90	10.70	10.40	10.10	10.10	10.10	10.10	
4215678.00	11.70	11.40	11.10	10.90	10.60	10.30	10.30	10.30	10.30	
4215658.00	11.90	11.60	11.40	11.10	10.80	10.60	10.60	10.60	10.60	
4215638.00	12.10	11.90	11.60	11.30	11.00	10.80	10.80	10.80	10.80	
4215618.00	12.30	12.10	11.80	11.50	11.30	11.00	11.00	11.00	11.00	
4215598.00	12.60	12.30	12.00	11.70	11.50	11.20	11.20	11.20	11.20	
4215578.00	12.80	12.50	12.20	12.00	11.70	11.40	11.40	11.40	11.40	
4215558.00	13.00	12.70	12.50	12.20	11.90	11.60	11.60	11.60	11.60	
4215538.00	13.20	12.90	12.70	12.40	12.10	11.90	11.90	11.90	11.90	
4215518.00	13.40	13.20	12.90	12.60	12.30	12.10	12.10	12.10	12.10	
4215498.00	13.50	13.30	13.10	12.80	12.60	12.30	12.30	12.30	12.30	
4215478.00	13.70	13.50	13.30	13.00	12.80	12.50	12.50	12.50	12.50	
4215458.00	13.80	13.70	13.50	13.30	13.00	12.70	12.70	12.70	12.70	
4215438.00	14.00	13.90	13.80	13.50	13.20	12.90	12.90	12.90	12.90	
4215418.00	14.10	14.10	14.00	13.70	13.40	13.20	13.20	13.20	13.20	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215398.00	14.40	14.40	14.20	13.90	13.60	13.40	13.40	13.40	13.40
4215378.00	14.60	14.60	14.40	14.10	13.90	13.60	13.60	13.60	13.60
4215358.00	14.80	14.80	14.60	14.40	14.10	13.80	13.80	13.80	13.80
4215338.00	15.00	15.00	14.80	14.60	14.30	14.00	14.00	14.00	14.00
4215318.00	15.30	15.30	15.10	14.80	14.50	14.20	14.20	14.10	14.00
4215298.00	15.60	15.50	15.30	15.00	14.70	14.50	14.30	14.20	14.10
4215278.00	15.90	15.70	15.50	15.20	15.00	14.70	14.50	14.30	14.10
4215258.00	16.20	16.00	15.70	15.40	15.20	14.90	14.70	14.40	14.20
4215238.00	16.40	16.20	15.90	15.70	15.40	15.10	14.80	14.60	14.30
4215218.00	16.60	16.40	16.20	15.90	15.60	15.30	15.10	14.80	14.50
4215198.00	16.70	16.60	16.40	16.10	15.80	15.50	15.30	15.00	14.70
4215178.00	16.80	16.80	16.60	16.30	16.00	15.80	15.50	15.20	14.90

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215158.00	17.00	17.00	16.80	16.50	16.30	16.00	15.70	15.40	15.20
4215138.00	17.10	17.00	16.90	16.60	16.40	16.20	15.90	15.70	15.40
4215118.00	17.20	17.00	16.90	16.70	16.60	16.40	16.10	15.90	15.60
4215098.00	17.20	17.10	16.90	16.80	16.70	16.60	16.40	16.10	15.80
4215078.00	17.30	17.10	17.00	16.90	16.90	16.80	16.60	16.30	16.00
4215058.00	17.40	17.20	17.00	17.00	17.00	17.00	16.80	16.50	16.20
4215038.00	17.70	17.40	17.20	17.10	17.10	17.00	16.80	16.50	16.20
4215018.00	17.90	17.60	17.40	17.30	17.10	17.00	16.80	16.50	16.20
4214998.00	18.10	17.80	17.60	17.40	17.20	17.00	16.80	16.50	16.20
4214978.00	18.30	18.00	17.80	17.50	17.30	17.00	16.80	16.50	16.20

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	7.30	7.30	7.30	7.30	7.10	6.80	6.60	6.30	6.30
4215938.00	7.50	7.50	7.50	7.50	7.30	7.00	6.80	6.50	6.50
4215918.00	7.70	7.70	7.70	7.80	7.50	7.30	7.00	6.80	6.80
4215898.00	8.00	8.00	8.00	8.00	7.80	7.50	7.20	7.00	7.00
4215878.00	8.20	8.10	8.10	8.00	7.80	7.60	7.40	7.20	7.10
4215858.00	8.30	8.20	8.10	8.00	7.90	7.70	7.50	7.40	7.30
4215838.00	8.50	8.40	8.20	8.00	7.90	7.80	7.70	7.60	7.40
4215818.00	8.70	8.50	8.30	8.10	8.00	7.90	7.90	7.80	7.60
4215798.00	8.90	8.70	8.40	8.10	8.00	8.10	8.10	8.00	7.70
4215778.00	9.10	8.90	8.60	8.30	8.30	8.30	8.30	8.20	8.00
4215758.00	9.40	9.10	8.80	8.50	8.50	8.50	8.50	8.50	8.20
4215738.00	9.60	9.30	9.00	8.80	8.70	8.70	8.70	8.70	8.40
4215718.00	9.80	9.50	9.30	9.00	8.90	8.90	8.90	8.90	8.60
4215698.00	10.00	9.70	9.50	9.20	9.10	9.10	9.00	9.00	8.70
4215678.00	10.20	10.00	9.70	9.40	9.30	9.20	9.10	9.00	8.80
4215658.00	10.50	10.20	9.90	9.60	9.50	9.30	9.10	9.00	8.90
4215638.00	10.70	10.40	10.10	9.90	9.60	9.40	9.20	9.00	8.90
4215618.00	10.90	10.60	10.30	10.10	9.80	9.50	9.30	9.00	9.00
4215598.00	11.10	10.80	10.60	10.30	10.00	9.70	9.50	9.20	9.20
4215578.00	11.30	11.10	10.80	10.50	10.20	10.00	9.70	9.40	9.40
4215558.00	11.50	11.30	11.00	10.70	10.50	10.20	9.90	9.60	9.60
4215538.00	11.80	11.50	11.20	10.90	10.70	10.40	10.10	9.90	9.90
4215518.00	12.00	11.70	11.40	11.20	10.90	10.60	10.30	10.10	10.10
4215498.00	12.20	11.90	11.70	11.40	11.10	10.80	10.60	10.30	10.20
4215478.00	12.40	12.10	11.90	11.60	11.30	11.00	10.80	10.50	10.40
4215458.00	12.60	12.40	12.10	11.80	11.50	11.30	11.00	10.70	10.50
4215438.00	12.80	12.60	12.30	12.00	11.80	11.50	11.20	10.90	10.70
4215418.00	13.10	12.80	12.50	12.20	12.00	11.70	11.40	11.20	10.90
4215398.00	13.30	13.00	12.70	12.50	12.20	11.90	11.60	11.40	11.10

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.70	5.50
4215938.00	6.50	6.50	6.50	6.30	6.20	6.00	5.90	5.80	5.60
4215918.00	6.80	6.80	6.70	6.50	6.20	6.00	5.90	5.90	5.80
4215898.00	7.00	7.00	6.80	6.60	6.30	6.00	6.00	6.00	6.00
4215878.00	7.10	7.00	6.90	6.70	6.50	6.20	6.20	6.10	6.00
4215858.00	7.20	7.10	6.90	6.80	6.60	6.40	6.30	6.20	6.10
4215838.00	7.30	7.10	7.00	6.80	6.70	6.60	6.50	6.30	6.10
4215818.00	7.40	7.10	7.00	6.90	6.90	6.90	6.70	6.40	6.20
4215798.00	7.50	7.20	7.10	7.10	7.10	7.10	6.80	6.60	6.30
4215778.00	7.70	7.40	7.30	7.30	7.30	7.30	7.10	6.80	6.50
4215758.00	7.90	7.60	7.50	7.50	7.50	7.50	7.30	7.00	6.70
4215738.00	8.10	7.90	7.70	7.70	7.70	7.70	7.50	7.20	6.90
4215718.00	8.30	8.10	7.90	7.90	7.90	7.90	7.70	7.40	7.20
4215698.00	8.50	8.30	8.10	8.10	8.00	8.00	7.80	7.60	7.30
4215678.00	8.60	8.50	8.30	8.20	8.10	8.00	7.90	7.70	7.50
4215658.00	8.80	8.60	8.50	8.30	8.20	8.00	7.90	7.80	7.70
4215638.00	8.90	8.80	8.70	8.50	8.30	8.10	8.00	7.90	7.80
4215618.00	9.00	9.00	8.90	8.60	8.30	8.10	8.00	8.00	8.00
4215598.00	9.20	9.20	9.10	8.80	8.60	8.30	8.20	8.20	8.20
4215578.00	9.40	9.40	9.30	9.10	8.80	8.50	8.40	8.40	8.40
4215558.00	9.70	9.70	9.50	9.30	9.00	8.70	8.70	8.70	8.70
4215538.00	9.90	9.90	9.80	9.50	9.20	8.90	8.90	8.90	8.90
4215518.00	10.00	10.00	9.90	9.70	9.40	9.20	9.10	9.00	9.00
4215498.00	10.10	10.10	9.90	9.70	9.50	9.40	9.20	9.20	9.10
4215478.00	10.20	10.10	10.00	9.80	9.70	9.60	9.40	9.30	9.10
4215458.00	10.30	10.10	10.00	9.90	9.80	9.80	9.60	9.40	9.20
4215438.00	10.40	10.20	10.00	10.00	10.00	10.00	9.80	9.50	9.20
4215418.00	10.60	10.30	10.10	10.10	10.10	10.00	9.80	9.60	9.40
4215398.00	10.80	10.60	10.30	10.20	10.10	10.00	9.90	9.70	9.50
4215378.00	11.00	10.80	10.50	10.40	10.20	10.00	9.90	9.80	9.70

```
  4215358.00 |         11.30        11.00        10.70        10.50        10.30        10.10        10.00
9.90         9.90
  4215338.00 |         11.50        11.20        10.90        10.70        10.40        10.10        10.00
10.00        10.00
  4215318.00 |         11.60        11.40        11.20        10.90        10.60        10.30        10.30
10.30        10.30
  4215298.00 |         11.70        11.60        11.40        11.10        10.80        10.60        10.50
10.50        10.50
  4215278.00 |         11.80        11.70        11.60        11.30        11.00        10.80        10.70
10.70        10.70
  4215258.00 |         11.90        11.90        11.80        11.50        11.30        11.00        10.90
10.90        10.90
  4215238.00 |         12.10        12.10        12.00        11.80        11.50        11.20        11.10
11.10        11.00
  4215218.00 |         12.30        12.30        12.20        12.00        11.70        11.40        11.30
11.20        11.10
  4215198.00 |         12.50        12.50        12.50        12.20        11.90        11.60        11.50
11.30        11.20
  4215178.00 |         12.80        12.80        12.70        12.40        12.10        11.90        11.60
11.40        11.20
```


*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |         13.00        13.00        12.90        12.60        12.40        12.10        11.80
11.50        11.30
  4215138.00 |         13.10        13.00        12.90        12.70        12.50        12.30        12.00
11.80        11.50
  4215118.00 |         13.20        13.10        13.00        12.80        12.60        12.50        12.20
12.00        11.70
  4215098.00 |         13.30        13.10        13.00        12.90        12.80        12.70        12.50
12.20        11.90
  4215078.00 |         13.40        13.20        13.00        12.90        12.90        12.90        12.70
12.40        12.10
  4215058.00 |         13.50        13.30        13.10        13.00        13.00        13.00        12.80
12.60        12.30
  4215038.00 |         13.70        13.50        13.30        13.20        13.10        13.00        12.90
12.70        12.50
  4215018.00 |         14.00        13.70        13.50        13.30        13.20        13.10        12.90
12.80        12.60
  4214998.00 |         14.20        13.90        13.70        13.50        13.30        13.10        13.00
12.90        12.80
  4214978.00 |         14.40        14.10        13.90        13.60        13.40        13.10        13.00
13.00        13.00
```


*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00
539604.00	539624.00						
4215958.00	5.30	5.00	4.70	4.50	4.30	4.20	4.10
4.00	3.80						
4215938.00	5.50	5.20	5.00	4.70	4.50	4.30	4.20
4.00	3.80						
4215918.00	5.70	5.40	5.20	4.90	4.70	4.40	4.20
4.00	3.80						
4215898.00	5.90	5.70	5.40	5.10	4.80	4.60	4.30
4.00	3.80						
4215878.00	6.00	5.70	5.50	5.30	5.10	4.80	4.50
4.20	4.00						
4215858.00	6.00	5.80	5.70	5.50	5.30	5.00	4.70
4.50	4.20						
4215838.00	6.00	5.90	5.80	5.70	5.50	5.20	5.00
4.70	4.40						
4215818.00	6.00	6.00	5.90	5.90	5.70	5.40	5.20
4.90	4.60						
4215798.00	6.10	6.10	6.10	6.10	5.90	5.70	5.40
5.10	4.80						
4215778.00	6.30	6.30	6.30	6.30	6.20	5.90	5.60
5.30	5.10						
4215758.00	6.50	6.50	6.50	6.50	6.40	6.10	5.80
5.60	5.30						
4215738.00	6.70	6.70	6.70	6.70	6.60	6.30	6.00
5.80	5.50						
4215718.00	6.90	6.90	6.90	6.90	6.80	6.50	6.30
6.00	5.70						
4215698.00	7.10	7.10	7.10	7.00	6.90	6.60	6.30
6.10	5.80						
4215678.00	7.40	7.30	7.20	7.10	6.90	6.60	6.30
6.10	5.80						
4215658.00	7.60	7.40	7.20	7.10	6.90	6.60	6.30
6.10	5.80						
4215638.00	7.80	7.60	7.30	7.10	6.90	6.60	6.30
6.10	5.80						
4215618.00	8.00	7.70	7.40	7.20	6.90	6.60	6.30
6.10	5.80						
4215598.00	8.20	7.90	7.70	7.40	7.10	6.80	6.60
6.30	6.00						
4215578.00	8.40	8.10	7.90	7.60	7.30	7.10	6.80
6.50	6.20						
4215558.00	8.60	8.40	8.10	7.80	7.50	7.30	7.00
6.70	6.50						
4215538.00	8.90	8.60	8.30	8.00	7.80	7.50	7.20
6.90	6.70						
4215518.00	9.00	8.70	8.50	8.20	8.00	7.70	7.40
7.20	6.90						
4215498.00	9.00	8.80	8.60	8.40	8.20	7.90	7.70
7.40	7.10						
4215478.00	9.00	8.90	8.70	8.60	8.40	8.10	7.90
7.60	7.30						
4215458.00	9.00	8.90	8.90	8.80	8.60	8.40	8.10
7.80	7.50						
4215438.00	9.00	9.00	9.00	9.00	8.90	8.60	8.30
8.00	7.80						
4215418.00	9.20	9.10	9.10	9.00	8.90	8.70	8.50
8.20	8.00						
4215398.00	9.40	9.30	9.20	9.10	8.90	8.80	8.60
8.40	8.20						
4215378.00	9.60	9.40	9.30	9.10	9.00	8.90	8.70
8.60	8.40						
4215358.00	9.80	9.60	9.40	9.10	9.00	8.90	8.90
8.80	8.60						

(METERS)	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	3.50	3.20	3.00	2.80	2.60
4215938.00	3.50	3.20	3.00	2.90	2.70
4215918.00	3.50	3.20	3.00	2.90	2.90
4215898.00	3.50	3.20	3.00	3.00	3.00
4215878.00	3.70	3.40	3.20	3.10	3.10
4215858.00	3.90	3.60	3.40	3.30	3.20
4215838.00	4.10	3.90	3.60	3.40	3.30
4215818.00	4.40	4.10	3.80	3.60	3.30
4215798.00	4.60	4.30	4.00	3.80	3.50
4215778.00	4.80	4.50	4.20	4.00	3.70
4215758.00	5.00	4.70	4.50	4.20	3.90
4215738.00	5.20	5.00	4.70	4.40	4.10
4215718.00	5.40	5.20	4.90	4.60	4.40
4215698.00	5.50	5.20	5.00	4.70	4.50
4215678.00	5.50	5.20	5.00	4.80	4.60
4215658.00	5.50	5.20	5.00	4.90	4.80
4215638.00	5.50	5.20	5.00	4.90	4.90
4215618.00	5.50	5.30	5.00	5.00	5.00
4215598.00	5.70	5.50	5.20	5.20	5.20
4215578.00	6.00	5.70	5.50	5.50	5.50
4215558.00	6.20	5.90	5.70	5.70	5.70
4215538.00	6.40	6.10	5.90	5.90	5.90
4215518.00	6.60	6.30	6.10	6.10	6.00
4215498.00	6.80	6.60	6.30	6.20	6.10
4215478.00	7.10	6.80	6.50	6.40	6.20
4215458.00	7.30	7.00	6.70	6.50	6.30
4215438.00	7.50	7.20	6.90	6.70	6.40
4215418.00	7.70	7.40	7.20	6.90	6.60
4215398.00	7.90	7.60	7.40	7.10	6.80
4215378.00	8.10	7.90	7.60	7.30	7.00
4215358.00	8.40	8.10	7.80	7.50	7.30
4215338.00	8.50	8.30	8.00	7.70	7.40
4215318.00	8.50	8.30	8.00	7.70	7.40
4215298.00	8.50	8.30	8.00	7.70	7.40
4215278.00	8.50	8.30	8.00	7.70	7.40
4215258.00	8.50	8.30	8.00	7.70	7.40
4215238.00	8.70	8.40	8.10	7.80	7.60
4215218.00	8.90	8.60	8.30	8.10	7.80
4215198.00	9.10	8.80	8.60	8.30	8.00
4215178.00	9.30	9.00	8.80	8.50	8.20

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	9.50	9.30	9.00	8.70	8.40
4215138.00	9.50	9.30	9.00	8.80	8.60
4215118.00	9.50	9.30	9.00	8.80	8.70
4215098.00	9.50	9.30	9.00	8.90	8.80
4215078.00	9.50	9.30	9.00	9.00	8.90
4215058.00	9.60	9.30	9.10	9.10	9.00
4215038.00	9.80	9.60	9.30	9.20	9.10
4215018.00	10.10	9.80	9.50	9.40	9.20

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215958.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215938.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215918.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215898.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215878.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215858.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215838.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215818.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215798.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215778.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215758.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215738.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215718.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215698.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215678.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215658.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215638.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215618.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215598.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215578.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215558.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215538.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215518.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215498.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215478.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00

								567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215418.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215398.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215378.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215358.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215338.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215318.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215938.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215918.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215898.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215878.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215858.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215838.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215818.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215798.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215778.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215758.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215738.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215718.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215698.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215678.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215658.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215638.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

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4215438.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215418.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215398.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215378.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215358.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215338.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215318.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215218.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215198.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215178.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 538924.00 538944.00 538964.00 538984.00 539004.00 539024.00 539044.00
539064.00 539084.00
- -
- - - - - - - -

4215158.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215138.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215118.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215098.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215078.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215058.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215038.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215018.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4214998.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4214978.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	567.00	567.00	567.00	7.30	7.10	6.80	6.60	6.30	6.30
4215938.00	567.00	567.00	567.00	567.00	7.30	7.00	6.80	6.50	6.50
4215918.00	567.00	567.00	567.00	567.00	567.00	7.30	7.00	6.80	6.80
4215898.00	567.00	567.00	567.00	567.00	567.00	7.50	7.20	7.00	7.00
4215878.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40	7.20	7.10
4215858.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40	7.30
4215838.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40
4215818.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.60
4215798.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215778.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215758.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215738.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215718.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215698.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215678.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215658.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215638.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

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4215418.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215398.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215378.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215358.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215338.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215318.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215218.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215198.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215178.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00
539244.00	539264.00						
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.70	5.50
4215938.00	6.50	6.50	6.50	6.30	6.20	6.00	5.90	5.80	5.60
4215918.00	6.80	6.80	6.70	6.50	6.20	6.00	5.90	5.90	5.80
4215898.00	7.00	7.00	6.80	6.60	6.30	6.00	6.00	6.00	6.00
4215878.00	7.10	7.00	6.90	6.70	6.50	6.20	6.20	6.10	6.00
4215858.00	7.20	7.10	6.90	6.80	6.60	6.40	6.30	6.20	6.10
4215838.00	7.30	7.10	7.00	6.80	6.70	6.60	6.50	6.30	6.10
4215818.00	7.40	7.10	7.00	6.90	6.90	6.90	6.70	6.40	6.20
4215798.00	7.50	7.20	7.10	7.10	7.10	7.10	6.80	6.60	6.30
4215778.00	567.00	7.40	7.30	7.30	7.30	7.30	7.10	6.80	6.50
4215758.00	567.00	7.60	7.50	7.50	7.50	7.50	7.30	7.00	6.70
4215738.00	567.00	567.00	7.70	7.70	7.70	7.70	7.50	7.20	6.90
4215718.00	567.00	567.00	567.00	7.90	7.90	7.90	7.70	7.40	7.20
4215698.00	567.00	567.00	567.00	8.10	8.00	8.00	7.80	7.60	7.30
4215678.00	567.00	567.00	567.00	567.00	8.10	8.00	7.90	7.70	7.50
4215658.00	567.00	567.00	567.00	567.00	8.20	8.00	7.90	7.80	7.70
4215638.00	567.00	567.00	567.00	567.00	567.00	8.10	8.00	7.90	7.80
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	8.00	8.00	8.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	8.20	8.20	8.20
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.40	8.40
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.70	8.70
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.90
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215418.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

Y-COORD (METERS)									
								567.00	567.00
4215398.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215378.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215358.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215338.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215318.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00
539604.00	539624.00						
4215958.00	5.30	5.00	4.70	4.50	4.30	4.20	4.10
4.00	3.80						
4215938.00	5.50	5.20	5.00	4.70	4.50	4.30	4.20
4.00	3.80						
4215918.00	5.70	5.40	5.20	4.90	4.70	4.40	4.20
4.00	3.80						
4215898.00	5.90	5.70	5.40	5.10	4.80	4.60	4.30
4.00	3.80						
4215878.00	6.00	5.70	5.50	5.30	5.10	4.80	4.50
4.20	4.00						
4215858.00	6.00	5.80	5.70	5.50	5.30	5.00	4.70
4.50	4.20						
4215838.00	6.00	5.90	5.80	5.70	5.50	5.20	5.00
4.70	4.40						
4215818.00	6.00	6.00	5.90	5.90	5.70	5.40	5.20
4.90	4.60						
4215798.00	6.10	6.10	6.10	6.10	5.90	5.70	5.40
5.10	4.80						
4215778.00	6.30	6.30	6.30	6.30	6.20	5.90	5.60
5.30	5.10						
4215758.00	6.50	6.50	6.50	6.50	6.40	6.10	5.80
5.60	5.30						
4215738.00	6.70	6.70	6.70	6.70	6.60	6.30	6.00
5.80	5.50						
4215718.00	6.90	6.90	6.90	6.90	6.80	6.50	6.30
6.00	5.70						
4215698.00	7.10	7.10	7.10	7.00	6.90	6.60	6.30
6.10	5.80						
4215678.00	7.40	7.30	7.20	7.10	6.90	6.60	6.30
6.10	5.80						
4215658.00	7.60	7.40	7.20	7.10	6.90	6.60	6.30
6.10	5.80						
4215638.00	7.80	7.60	7.30	7.10	6.90	6.60	6.30
6.10	5.80						
4215618.00	8.00	7.70	7.40	7.20	6.90	6.60	6.30
6.10	5.80						
4215598.00	8.20	7.90	7.70	7.40	7.10	6.80	6.60
6.30	6.00						
4215578.00	8.40	8.10	7.90	7.60	7.30	7.10	6.80
6.50	6.20						
4215558.00	8.60	8.40	8.10	7.80	7.50	7.30	7.00
6.70	6.50						
4215538.00	8.90	8.60	8.30	8.00	7.80	7.50	7.20
6.90	6.70						
4215518.00	9.00	8.70	8.50	8.20	8.00	7.70	7.40
7.20	6.90						
4215498.00	9.00	8.80	8.60	8.40	8.20	7.90	7.70
7.40	7.10						
4215478.00	567.00	8.90	8.70	8.60	8.40	8.10	7.90
7.60	7.30						
4215458.00	567.00	8.90	8.90	8.80	8.60	8.40	8.10
7.80	7.50						
4215438.00	567.00	567.00	9.00	9.00	8.90	8.60	8.30
8.00	7.80						
4215418.00	567.00	567.00	567.00	9.00	8.90	8.70	8.50
8.20	8.00						
4215398.00	567.00	567.00	567.00	9.10	8.90	8.80	8.60

8.40 8.20
4215378.00 | 567.00 567.00 567.00 567.00 9.00 8.90 8.70
8.60 8.40
4215358.00 | 567.00 567.00 567.00 567.00 9.00 8.90 8.90
8.80 8.60
4215338.00 | 567.00 567.00 567.00 567.00 567.00 9.00 9.00
9.00 8.80
4215318.00 | 567.00 567.00 567.00 567.00 567.00 9.20 9.10
9.00 8.80
4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 9.20
9.00 8.80
4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
9.10 8.80
4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
9.10 8.80
4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 8.90
4215218.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 119.00
4215198.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215178.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00
539604.00	539624.00						
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	3.50	3.20	3.00	2.80	2.60
4215938.00	3.50	3.20	3.00	2.90	2.70
4215918.00	3.50	3.20	3.00	2.90	2.90
4215898.00	3.50	3.20	3.00	3.00	3.00
4215878.00	3.70	3.40	3.20	3.10	3.10
4215858.00	3.90	3.60	3.40	3.30	3.20
4215838.00	4.10	3.90	3.60	3.40	3.30
4215818.00	4.40	4.10	3.80	3.60	3.30
4215798.00	4.60	4.30	4.00	3.80	3.50
4215778.00	4.80	4.50	4.20	4.00	3.70
4215758.00	5.00	4.70	4.50	4.20	3.90
4215738.00	5.20	5.00	4.70	4.40	4.10
4215718.00	5.40	5.20	4.90	4.60	4.40
4215698.00	5.50	5.20	5.00	4.70	4.50
4215678.00	5.50	5.20	5.00	4.80	4.60
4215658.00	5.50	5.20	5.00	4.90	4.80
4215638.00	5.50	5.20	5.00	4.90	4.90
4215618.00	5.50	5.30	5.00	5.00	5.00
4215598.00	5.70	5.50	5.20	5.20	5.20
4215578.00	6.00	5.70	5.50	5.50	5.50
4215558.00	6.20	5.90	5.70	5.70	5.70
4215538.00	6.40	6.10	5.90	5.90	5.90
4215518.00	6.60	6.30	6.10	6.10	6.00
4215498.00	6.80	6.60	6.30	6.20	6.10
4215478.00	7.10	6.80	6.50	6.40	6.20
4215458.00	7.30	7.00	6.70	6.50	6.30
4215438.00	7.50	7.20	6.90	6.70	6.40
4215418.00	7.70	7.40	7.20	6.90	6.60
4215398.00	7.90	7.60	7.40	7.10	6.80
4215378.00	8.10	7.90	7.60	7.30	7.00
4215358.00	8.40	8.10	7.80	7.50	7.30
4215338.00	8.50	8.30	8.00	7.70	7.40
4215318.00	8.50	8.30	8.00	7.70	7.40
4215298.00	8.50	8.30	8.00	7.70	7.40
4215278.00	8.50	8.30	8.00	7.70	7.40
4215258.00	8.50	8.30	8.00	7.70	7.40
4215238.00	8.70	8.40	8.10	7.80	7.60
4215218.00	119.00	119.00	8.30	8.10	7.80
4215198.00	119.00	119.00	119.00	119.00	8.00
4215178.00	119.00	119.00	119.00	119.00	119.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	567.00	119.00	119.00	119.00	119.00
4215138.00	567.00	548.00	119.00	119.00	119.00
4215118.00	567.00	567.00	119.00	119.00	119.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215518.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215498.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215478.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00
539064.00	539084.00						
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

  4215498.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215478.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215478.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50
4215458.00	1.50	1.50	1.50	1.50	1.50
4215438.00	1.50	1.50	1.50	1.50	1.50
4215418.00	1.50	1.50	1.50	1.50	1.50
4215398.00	1.50	1.50	1.50	1.50	1.50
4215378.00	1.50	1.50	1.50	1.50	1.50
4215358.00	1.50	1.50	1.50	1.50	1.50
4215338.00	1.50	1.50	1.50	1.50	1.50
4215318.00	1.50	1.50	1.50	1.50	1.50
4215298.00	1.50	1.50	1.50	1.50	1.50
4215278.00	1.50	1.50	1.50	1.50	1.50
4215258.00	1.50	1.50	1.50	1.50	1.50
4215238.00	1.50	1.50	1.50	1.50	1.50
4215218.00	1.50	1.50	1.50	1.50	1.50
4215198.00	1.50	1.50	1.50	1.50	1.50
4215178.00	1.50	1.50	1.50	1.50	1.50

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00

4215158.00	1.50	1.50	1.50	1.50	1.50
4215138.00	1.50	1.50	1.50	1.50	1.50
4215118.00	1.50	1.50	1.50	1.50	1.50
4215098.00	1.50	1.50	1.50	1.50	1.50
4215078.00	1.50	1.50	1.50	1.50	1.50
4215058.00	1.50	1.50	1.50	1.50	1.50
4215038.00	1.50	1.50	1.50	1.50	1.50
4215018.00	1.50	1.50	1.50	1.50	1.50
4214998.00	1.50	1.50	1.50	1.50	1.50
4214978.00	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539341.8, 4215428.7, 10.0, 567.0, 1.5); (539351.8, 4215428.7, 10.0, 567.0, 1.5);
(539361.8, 4215428.7, 10.0, 567.0, 1.5); (539371.8, 4215428.7, 10.0, 567.0, 1.5);
(539381.8, 4215428.7, 10.0, 567.0, 1.5); (539341.8, 4215438.7, 10.0, 567.0, 1.5);
(539351.8, 4215438.7, 10.0, 567.0, 1.5); (539361.8, 4215438.7, 10.0, 567.0, 1.5);
(539371.8, 4215438.7, 10.0, 567.0, 1.5); (539381.8, 4215438.7, 10.0, 567.0, 1.5);
(539341.8, 4215448.7, 9.9, 567.0, 1.5); (539351.8, 4215448.7, 9.9, 567.0, 1.5);
(539361.8, 4215448.7, 9.9, 567.0, 1.5); (539371.8, 4215448.7, 9.9, 567.0, 1.5);
(539381.8, 4215448.7, 9.9, 567.0, 1.5); (539341.8, 4215458.7, 9.9, 567.0, 1.5);
(539351.8, 4215458.7, 9.9, 567.0, 1.5); (539361.8, 4215458.7, 9.8, 567.0, 1.5);
(539371.8, 4215458.7, 9.8, 567.0, 1.5); (539381.8, 4215458.7, 9.8, 567.0, 1.5);
(539341.8, 4215468.7, 9.9, 567.0, 1.5); (539351.8, 4215468.7, 9.8, 567.0, 1.5);
(539361.8, 4215468.7, 9.8, 567.0, 1.5); (539371.8, 4215468.7, 9.7, 567.0, 1.5);
(539381.8, 4215468.7, 9.7, 567.0, 1.5); (539113.9, 4215517.5, 11.9, 567.0, 1.5);
(539096.5, 4215516.0, 12.1, 567.0, 1.5); (539108.3, 4215501.2, 12.1, 567.0, 1.5);
(539096.0, 4215500.7, 12.3, 567.0, 1.5); (539108.3, 4215486.4, 12.3, 567.0, 1.5);
(539094.5, 4215485.4, 12.4, 567.0, 1.5); (539135.3, 4215461.4, 12.2, 567.0, 1.5);
(539150.1, 4215439.9, 12.2, 567.0, 1.5); (539114.4, 4215452.7, 12.6, 567.0, 1.5);
(539123.1, 4215439.4, 12.6, 567.0, 1.5); (539159.3, 4215421.0, 12.3, 567.0, 1.5);
(539145.0, 4215416.4, 12.5, 567.0, 1.5); (539134.3, 4215410.8, 12.7, 567.0, 1.5);
(539131.8, 4215425.1, 12.6, 567.0, 1.5); (539206.8, 4215383.8, 12.0, 567.0, 1.5);
(539216.0, 4215372.5, 12.0, 567.0, 1.5); (539188.9, 4215382.2, 12.3, 567.0, 1.5);
(539176.2, 4215379.7, 12.5, 567.0, 1.5); (539165.4, 4215376.1, 12.7, 567.0, 1.5);
(539248.8, 4215356.7, 11.8, 567.0, 1.5); (539243.5, 4215348.5, 11.9, 567.0,

1.5);
(539265.6, 4215345.2, 11.7, 567.0, 1.5); (539260.8, 4215338.0, 11.8, 567.0,
1.5);
(539256.2, 4215351.4, 11.7, 567.0, 1.5); (539272.8, 4215331.9, 11.6, 567.0,
1.5);
(539264.8, 4215325.0, 11.8, 567.0, 1.5); (539280.8, 4215321.8, 11.6, 567.0,
1.5);
(539280.0, 4215307.1, 11.7, 567.0, 1.5); (539288.0, 4215313.8, 11.6, 567.0,
1.5);
(539297.8, 4215304.7, 11.6, 567.0, 1.5); (539289.6, 4215296.2, 11.7, 567.0,
1.5);
(539311.2, 4215287.7, 11.6, 567.0, 1.5); (539303.7, 4215281.3, 11.7, 567.0,
1.5);
(539303.7, 4215296.2, 11.6, 567.0, 1.5); (539314.2, 4215271.8, 11.8, 567.0,
1.5);
(539329.1, 4215260.5, 11.7, 567.0, 1.5); (539339.7, 4215237.2, 11.8, 567.0,
1.5);
(539357.4, 4215232.9, 11.6, 567.0, 1.5); (539394.1, 4215199.7, 11.5, 567.0,
1.5);
(539045.0, 4215579.2, 11.4, 567.0, 1.5); (539034.4, 4215591.9, 11.3, 567.0,
1.5);
(539054.9, 4215556.6, 11.7, 567.0, 1.5); (539058.4, 4215538.9, 11.8, 567.0,
1.5);
(539054.9, 4215520.5, 12.0, 567.0, 1.5); (539082.4, 4215477.4, 12.5, 567.0,
1.5);
(539074.0, 4215466.1, 12.6, 567.0, 1.5); (539098.7, 4215440.7, 12.9, 567.0,
1.5);
(539109.3, 4215426.6, 12.9, 567.0, 1.5); (539117.1, 4215416.0, 12.9, 567.0,
1.5);
(539125.6, 4215401.1, 13.0, 567.0, 1.5); (539158.8, 4215367.2, 12.9, 567.0,
1.5);
(539150.3, 4215357.3, 13.1, 567.0, 1.5); (539184.2, 4215339.6, 12.8, 567.0,
1.5);
(539222.4, 4215324.8, 12.4, 567.0, 1.5); (539243.6, 4215317.7, 12.0, 567.0,
1.5);
(539371.5, 4215194.0, 11.9, 567.0, 1.5); (539364.4, 4215191.9, 12.0, 567.0,
1.5);
(539344.6, 4215200.4, 12.2, 567.0, 1.5); (539409.7, 4215113.5, 12.2, 567.0,
1.5);
(539355.9, 4215136.8, 12.6, 567.0, 1.5); (539262.7, 4215288.8, 11.9, 567.0,
1.5);
(539282.4, 4215261.2, 11.9, 567.0, 1.5); (539299.4, 4215235.0, 12.1, 567.0,
1.5);
(538948.9, 4216164.2, 7.0, 567.0, 1.5); (539351.6, 4215795.9, 7.1, 7.1,
1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539171.4, 4215646.3, 9.7, 567.0, 1.5); (539359.0, 4215583.0, 8.8, 567.0,
1.5);
(539293.8, 4215538.6, 9.9, 567.0, 1.5); (539260.8, 4215517.0, 10.1, 567.0,
1.5);
(539279.4, 4215503.6, 10.1, 567.0, 1.5); (539292.2, 4215495.5, 10.1, 567.0,
1.5);
(539319.0, 4215487.2, 10.0, 567.0, 1.5); (539337.1, 4215482.8, 9.9, 567.0,
1.5);
(539356.1, 4215482.0, 9.7, 567.0, 1.5); (539369.9, 4215483.0, 9.6, 567.0,
1.5);
(539384.7, 4215486.6, 9.5, 567.0, 1.5); (539391.5, 4215490.9, 9.4, 567.0,
1.5);

(539342.7, 4215571.9, 9.1, 567.0, 1.5); (539326.4, 4215560.8, 9.5, 567.0, 1.5);
(539310.1, 4215549.7, 9.7, 567.0, 1.5); (539277.3, 4215527.8, 10.0, 567.0, 1.5);
(539270.1, 4215510.3, 10.1, 567.0, 1.5); (539305.6, 4215491.4, 10.1, 567.0, 1.5);
(539385.0, 4215509.3, 9.2, 567.0, 1.5); (539378.5, 4215527.8, 9.1, 567.0, 1.5);
(539372.0, 4215546.2, 9.0, 567.0, 1.5); (539365.5, 4215564.6, 8.9, 567.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001573	539264.0	4215938.0	-1.75
L0001573	539244.0	4215958.0	-13.48
L0001573	539264.0	4215958.0	-20.57
L0001573	539284.0	4215958.0	-3.44
L0001574	539264.0	4215918.0	-4.45
L0001574	539284.0	4215918.0	-5.56
L0001574	539264.0	4215938.0	-18.25
L0001574	539284.0	4215938.0	-20.92
L0001574	539304.0	4215938.0	-1.24
L0001574	539264.0	4215958.0	-9.41
L0001574	539284.0	4215958.0	-10.81
L0001575	539284.0	4215898.0	-10.21
L0001575	539304.0	4215898.0	-8.46
L0001575	539264.0	4215918.0	-1.73
L0001575	539284.0	4215918.0	-21.56
L0001575	539304.0	4215918.0	-18.01
L0001575	539284.0	4215938.0	-6.52
L0001575	539304.0	4215938.0	-5.03
L0001576	539284.0	4215878.0	-1.76
L0001576	539304.0	4215878.0	-15.93
L0001576	539324.0	4215878.0	-10.04
L0001576	539284.0	4215898.0	-4.09
L0001576	539304.0	4215898.0	-21.52
L0001576	539324.0	4215898.0	-13.49
L0001576	539304.0	4215918.0	-2.68
L0001576	539324.0	4215918.0	0.77
L0001577	539324.0	4215838.0	-1.65
L0001577	539304.0	4215858.0	-6.69
L0001577	539324.0	4215858.0	-21.51
L0001577	539344.0	4215858.0	-9.98
L0001577	539304.0	4215878.0	-5.26
L0001577	539324.0	4215878.0	-18.15
L0001577	539344.0	4215878.0	-8.33
L0001578	539324.0	4215818.0	-0.09
L0001578	539344.0	4215818.0	-6.52
L0001578	539324.0	4215838.0	-11.10
L0001578	539344.0	4215838.0	-26.28
L0001578	539364.0	4215838.0	-8.30
L0001578	539324.0	4215858.0	-5.10
L0001578	539344.0	4215858.0	-13.36

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001578	539364.0	4215858.0	-2.91
L0001579	539344.0	4215798.0	-5.88
L0001579	539364.0	4215798.0	-10.85
L0001579	539384.0	4215798.0	0.85
L0001579	539344.0	4215818.0	-14.55
L0001579	539364.0	4215818.0	-25.15
L0001579	539384.0	4215818.0	-5.32
L0001579	539344.0	4215838.0	-3.62
L0001579	539364.0	4215838.0	-8.07
L0001579	539351.6	4215795.9	-7.96
L0001580	539364.0	4215778.0	-11.65
L0001580	539384.0	4215778.0	-14.20
L0001580	539364.0	4215798.0	-16.30
L0001580	539384.0	4215798.0	-19.95
L0001580	539404.0	4215798.0	-1.46
L0001580	539364.0	4215818.0	-1.03
L0001580	539384.0	4215818.0	-2.57
L0001580	539351.6	4215795.9	-5.10
L0001581	539384.0	4215738.0	0.23
L0001581	539404.0	4215738.0	0.90
L0001581	539364.0	4215758.0	0.30
L0001581	539384.0	4215758.0	-17.39
L0001581	539404.0	4215758.0	-15.84
L0001581	539384.0	4215778.0	-15.69
L0001581	539404.0	4215778.0	-14.31
L0001582	539404.0	4215718.0	-5.31
L0001582	539424.0	4215718.0	-2.08
L0001582	539384.0	4215738.0	-3.92
L0001582	539404.0	4215738.0	-22.98
L0001582	539424.0	4215738.0	-15.20
L0001582	539384.0	4215758.0	0.33
L0001582	539404.0	4215758.0	-12.99
L0001582	539424.0	4215758.0	-8.58
L0001583	539404.0	4215698.0	-0.40
L0001583	539424.0	4215698.0	-10.68
L0001583	539444.0	4215698.0	-4.09
L0001583	539404.0	4215718.0	-7.42
L0001583	539424.0	4215718.0	-27.29
L0001583	539444.0	4215718.0	-12.53
L0001583	539404.0	4215738.0	0.73

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)

L0001583	539424.0	4215738.0	-8.98
L0001583	539444.0	4215738.0	-2.81
L0001584	539424.0	4215678.0	-5.94
L0001584	539444.0	4215678.0	-15.69
L0001584	539464.0	4215678.0	-4.89
L0001584	539424.0	4215698.0	-9.81
L0001584	539444.0	4215698.0	-24.24
L0001584	539464.0	4215698.0	-8.57
L0001584	539444.0	4215718.0	-4.27
L0001585	539464.0	4215638.0	-0.31
L0001585	539444.0	4215658.0	-11.29
L0001585	539464.0	4215658.0	-19.81
L0001585	539484.0	4215658.0	-4.35
L0001585	539444.0	4215678.0	-10.69
L0001585	539464.0	4215678.0	-18.74
L0001585	539484.0	4215678.0	-3.91
L0001585	539464.0	4215698.0	0.82
L0001586	539464.0	4215618.0	-2.22
L0001586	539484.0	4215618.0	-4.43
L0001586	539464.0	4215638.0	-16.26
L0001586	539484.0	4215638.0	-21.59
L0001586	539504.0	4215638.0	-2.56
L0001586	539464.0	4215658.0	-9.85
L0001586	539484.0	4215658.0	-13.03
L0001587	539484.0	4215598.0	-8.00
L0001587	539504.0	4215598.0	-7.77
L0001587	539464.0	4215618.0	-0.25
L0001587	539484.0	4215618.0	-20.24
L0001587	539504.0	4215618.0	-19.73
L0001587	539524.0	4215618.0	0.26
L0001587	539484.0	4215638.0	-7.49
L0001587	539504.0	4215638.0	-7.26
L0001588	539484.0	4215578.0	0.42
L0001588	539504.0	4215578.0	-13.76
L0001588	539524.0	4215578.0	-9.94
L0001588	539484.0	4215598.0	-2.96
L0001588	539504.0	4215598.0	-21.67
L0001588	539524.0	4215598.0	-15.58
L0001588	539504.0	4215618.0	-4.01
L0001588	539524.0	4215618.0	-1.48

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001589	539524.0	4215538.0	0.19
L0001589	539504.0	4215558.0	-4.60
L0001589	539524.0	4215558.0	-19.45
L0001589	539544.0	4215558.0	-10.56
L0001589	539504.0	4215578.0	-4.60
L0001589	539524.0	4215578.0	-19.45
L0001589	539544.0	4215578.0	-10.56
L0001589	539524.0	4215598.0	0.19
L0001590	539504.0	4215538.0	-15.72
L0001590	539524.0	4215538.0	-15.20
L0001590	539504.0	4215558.0	-16.50
L0001590	539524.0	4215558.0	-15.95
L0001591	539464.0	4215518.0	-1.56

L0001591	539484.0	4215518.0	-15.99
L0001591	539504.0	4215518.0	-10.41
L0001591	539464.0	4215538.0	-3.72
L0001591	539484.0	4215538.0	-21.17
L0001591	539504.0	4215538.0	-13.71
L0001591	539484.0	4215558.0	-2.43
L0001591	539504.0	4215558.0	0.78
L0001592	539444.0	4215498.0	-3.90
L0001592	539464.0	4215498.0	-13.58
L0001592	539484.0	4215498.0	-4.35
L0001592	539444.0	4215518.0	-9.38
L0001592	539464.0	4215518.0	-26.39
L0001592	539484.0	4215518.0	-9.96
L0001592	539464.0	4215538.0	-6.40
L0001592	539484.0	4215538.0	0.75
L0001593	539424.0	4215478.0	-4.91
L0001593	539444.0	4215478.0	-9.48
L0001593	539424.0	4215498.0	-14.78
L0001593	539444.0	4215498.0	-25.21
L0001593	539464.0	4215498.0	-5.21
L0001593	539424.0	4215518.0	-4.82
L0001593	539444.0	4215518.0	-9.37
L0001594	539404.0	4215458.0	0.21
L0001594	539384.0	4215478.0	-1.08
L0001594	539404.0	4215478.0	-18.13
L0001594	539424.0	4215478.0	-14.32
L0001594	539384.0	4215498.0	-0.60

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001594	539404.0	4215498.0	-16.99
L0001594	539424.0	4215498.0	-13.44
L0001594	539384.7	4215486.6	-3.27
L0001594	539391.5	4215490.9	-9.78
L0001467	539264.0	4215938.0	-1.90
L0001467	539244.0	4215958.0	-13.46
L0001467	539264.0	4215958.0	-20.73
L0001467	539284.0	4215958.0	-3.57
L0001468	539264.0	4215918.0	-4.53
L0001468	539284.0	4215918.0	-5.72
L0001468	539264.0	4215938.0	-18.19
L0001468	539284.0	4215938.0	-21.05
L0001468	539304.0	4215938.0	-1.35
L0001468	539264.0	4215958.0	-9.25
L0001468	539284.0	4215958.0	-10.73
L0001469	539284.0	4215898.0	-10.30
L0001469	539304.0	4215898.0	-8.62
L0001469	539264.0	4215918.0	-1.63
L0001469	539284.0	4215918.0	-21.44
L0001469	539304.0	4215918.0	-18.08
L0001469	539284.0	4215938.0	-6.36
L0001469	539304.0	4215938.0	-4.95
L0001470	539284.0	4215878.0	-1.74
L0001470	539304.0	4215878.0	-16.03
L0001470	539324.0	4215878.0	-10.19
L0001470	539284.0	4215898.0	-3.96

L0001470	539304.0	4215898.0	-21.35
L0001470	539324.0	4215898.0	-13.51
L0001470	539304.0	4215918.0	-2.53
L0001470	539324.0	4215918.0	0.85
L0001471	539324.0	4215838.0	-1.78
L0001471	539304.0	4215858.0	-6.65
L0001471	539324.0	4215858.0	-21.63
L0001471	539344.0	4215858.0	-10.12
L0001471	539304.0	4215878.0	-5.12
L0001471	539324.0	4215878.0	-18.00
L0001471	539344.0	4215878.0	-8.34
L0001472	539324.0	4215818.0	-0.14
L0001472	539344.0	4215818.0	-6.66
L0001472	539324.0	4215838.0	-11.03

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001472	539344.0	4215838.0	-26.44
L0001472	539364.0	4215838.0	-8.41
L0001472	539324.0	4215858.0	-4.94
L0001472	539344.0	4215858.0	-13.24
L0001472	539364.0	4215858.0	-2.90
L0001473	539344.0	4215798.0	-5.93
L0001473	539364.0	4215798.0	-11.00
L0001473	539384.0	4215798.0	0.70
L0001473	539344.0	4215818.0	-14.45
L0001473	539364.0	4215818.0	-25.20
L0001473	539384.0	4215818.0	-5.41
L0001473	539344.0	4215838.0	-3.46
L0001473	539364.0	4215838.0	-7.96
L0001473	539351.6	4215795.9	-8.05
L0001474	539364.0	4215778.0	-11.69
L0001474	539384.0	4215778.0	-14.36
L0001474	539404.0	4215778.0	0.89
L0001474	539364.0	4215798.0	-16.15
L0001474	539384.0	4215798.0	-19.94
L0001474	539404.0	4215798.0	-1.52
L0001474	539364.0	4215818.0	-0.87
L0001474	539384.0	4215818.0	-2.46
L0001474	539351.6	4215795.9	-4.99
L0001475	539384.0	4215738.0	0.13
L0001475	539404.0	4215738.0	0.75
L0001475	539364.0	4215758.0	0.35
L0001475	539384.0	4215758.0	-17.42
L0001475	539404.0	4215758.0	-16.00
L0001475	539384.0	4215778.0	-15.53
L0001475	539404.0	4215778.0	-14.28
L0001476	539404.0	4215718.0	-5.42
L0001476	539424.0	4215718.0	-2.25
L0001476	539384.0	4215738.0	-3.85
L0001476	539404.0	4215738.0	-22.98
L0001476	539424.0	4215738.0	-15.33
L0001476	539384.0	4215758.0	0.48
L0001476	539404.0	4215758.0	-12.83
L0001476	539424.0	4215758.0	-8.54
L0001477	539404.0	4215698.0	-0.42

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001477	539444.0	4215698.0	-4.26
L0001477	539404.0	4215718.0	-7.32
L0001477	539424.0	4215718.0	-27.16
L0001477	539444.0	4215718.0	-12.61
L0001477	539404.0	4215738.0	0.89
L0001477	539424.0	4215738.0	-8.83
L0001477	539444.0	4215738.0	-2.76
L0001478	539424.0	4215678.0	-5.94
L0001478	539444.0	4215678.0	-15.83
L0001478	539464.0	4215678.0	-5.04
L0001478	539424.0	4215698.0	-9.69
L0001478	539444.0	4215698.0	-24.12
L0001478	539464.0	4215698.0	-8.62
L0001478	539444.0	4215718.0	-4.14
L0001479	539464.0	4215638.0	-0.46
L0001479	539444.0	4215658.0	-11.28
L0001479	539464.0	4215658.0	-19.97
L0001479	539484.0	4215658.0	-4.48
L0001479	539444.0	4215678.0	-10.54
L0001479	539464.0	4215678.0	-18.65
L0001479	539484.0	4215678.0	-3.94
L0001479	539464.0	4215698.0	0.94
L0001480	539464.0	4215618.0	-2.29
L0001480	539484.0	4215618.0	-4.58
L0001480	539464.0	4215638.0	-16.22
L0001480	539484.0	4215638.0	-21.74
L0001480	539504.0	4215638.0	-2.67
L0001480	539464.0	4215658.0	-9.69
L0001480	539484.0	4215658.0	-12.94
L0001481	539484.0	4215598.0	-8.08
L0001481	539504.0	4215598.0	-7.93
L0001481	539464.0	4215618.0	-0.15
L0001481	539484.0	4215618.0	-20.15
L0001481	539504.0	4215618.0	-19.82
L0001481	539524.0	4215618.0	0.17
L0001481	539484.0	4215638.0	-7.33
L0001481	539504.0	4215638.0	-7.18
L0001482	539484.0	4215578.0	0.44
L0001482	539504.0	4215578.0	-13.84
L0001482	539524.0	4215578.0	-10.11

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001482	539484.0	4215598.0	-2.84
L0001482	539504.0	4215598.0	-21.52
L0001482	539524.0	4215598.0	-15.62
L0001482	539504.0	4215618.0	-3.86
L0001482	539524.0	4215618.0	-1.40
L0001483	539524.0	4215538.0	0.07
L0001483	539504.0	4215558.0	-4.57
L0001483	539524.0	4215558.0	-19.55
L0001483	539544.0	4215558.0	-10.71
L0001483	539504.0	4215578.0	-4.47
L0001483	539524.0	4215578.0	-19.29
L0001483	539544.0	4215578.0	-10.57
L0001483	539524.0	4215598.0	0.34
L0001484	539504.0	4215538.0	-15.88
L0001484	539524.0	4215538.0	-15.17
L0001484	539504.0	4215558.0	-16.53
L0001484	539524.0	4215558.0	-15.79
L0001485	539464.0	4215518.0	-1.72
L0001485	539484.0	4215518.0	-16.13
L0001485	539504.0	4215518.0	-10.37
L0001485	539464.0	4215538.0	-3.82
L0001485	539484.0	4215538.0	-21.17
L0001485	539504.0	4215538.0	-13.54
L0001485	539484.0	4215558.0	-2.36
L0001485	539504.0	4215558.0	0.93
L0001486	539444.0	4215498.0	-4.06
L0001486	539464.0	4215498.0	-13.68
L0001486	539484.0	4215498.0	-4.31
L0001486	539444.0	4215518.0	-9.50
L0001486	539464.0	4215518.0	-26.30
L0001486	539484.0	4215518.0	-9.81
L0001486	539464.0	4215538.0	-6.31
L0001486	539484.0	4215538.0	0.91
L0001487	539424.0	4215478.0	-5.06
L0001487	539444.0	4215478.0	-9.54
L0001487	539424.0	4215498.0	-14.91
L0001487	539444.0	4215498.0	-25.07
L0001487	539464.0	4215498.0	-5.07
L0001487	539424.0	4215518.0	-4.83
L0001487	539444.0	4215518.0	-9.25

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001488	539404.0	4215458.0	0.13
L0001488	539384.0	4215478.0	-1.25
L0001488	539404.0	4215478.0	-18.26
L0001488	539424.0	4215478.0	-14.22
L0001488	539384.0	4215498.0	-0.72
L0001488	539404.0	4215498.0	-17.04
L0001488	539424.0	4215498.0	-13.29
L0001488	539384.7	4215486.6	-3.42
L0001488	539391.5	4215490.9	-9.93

L0001489	539384.0	4215498.0	-8.51
L0001489	539384.7	4215486.6	-3.42
L0001489	539391.5	4215490.9	-5.52
L0001490	539384.0	4215498.0	-3.35
L0001490	539384.0	4215518.0	-0.75
L0001490	539385.0	4215509.3	-8.44
L0001491	539384.0	4215518.0	-6.49
L0001491	539385.0	4215509.3	-1.10
L0001491	539378.5	4215527.8	-2.62
L0001492	539384.0	4215538.0	0.60
L0001492	539378.5	4215527.8	-7.56
L0001493	539364.0	4215538.0	-5.18
L0001493	539372.0	4215546.2	-6.93
L0001494	539364.0	4215558.0	-6.45
L0001494	539372.0	4215546.2	-3.48
L0001494	539365.5	4215564.6	-0.28
L0001495	539364.0	4215558.0	-5.72
L0001495	539365.5	4215564.6	-8.89
L0001496	539364.0	4215578.0	-5.91
L0001496	539359.0	4215583.0	-4.86
L0001497	539344.0	4215558.0	0.55
L0001497	539344.0	4215578.0	-2.86
L0001497	539342.7	4215571.9	-5.91
L0001498	539344.0	4215558.0	-5.01
L0001498	539342.7	4215571.9	-2.27
L0001498	539326.4	4215560.8	0.27
L0001499	539324.0	4215558.0	-6.94
L0001499	539326.4	4215560.8	-6.61
L0001500	539324.0	4215538.0	-0.33
L0001500	539324.0	4215558.0	-1.51
L0001500	539310.1	4215549.7	-3.41

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001501	539304.0	4215538.0	-6.13
L0001501	539310.1	4215549.7	-4.03
L0001502	539304.0	4215538.0	-6.06
L0001502	539293.8	4215538.6	-5.65
L0001503	539284.0	4215518.0	-1.49
L0001503	539284.0	4215538.0	-0.51
L0001503	539293.8	4215538.6	-0.10
L0001503	539277.3	4215527.8	-0.48
L0001504	539284.0	4215518.0	-6.73
L0001504	539277.3	4215527.8	-4.57
L0001505	539284.0	4215518.0	-6.49
L0001505	539279.4	4215503.6	-2.45
L0001505	539270.1	4215510.3	-1.03
L0001506	539284.0	4215498.0	-1.74
L0001506	539279.4	4215503.6	-0.63
L0001506	539292.2	4215495.5	-1.63
L0001507	539304.0	4215498.0	-8.75
L0001507	539292.2	4215495.5	-2.24
L0001507	539305.6	4215491.4	-2.60
L0001508	539304.0	4215498.0	-3.31
L0001508	539324.0	4215498.0	-0.54
L0001508	539319.0	4215487.2	-1.58

L0001508	539305.6	4215491.4	-3.95
L0001509	539324.0	4215498.0	-5.70
L0001509	539319.0	4215487.2	-5.54
L0001510	539344.0	4215498.0	-1.17
L0001510	539337.1	4215482.8	-4.68
L0001511	539344.0	4215478.0	-0.21
L0001511	539344.0	4215498.0	-2.40
L0001511	539337.1	4215482.8	0.66
L0001511	539356.1	4215482.0	-1.54
L0001512	539364.0	4215478.0	-0.80
L0001512	539364.0	4215498.0	-2.35
L0001512	539356.1	4215482.0	-4.12
L0001512	539369.9	4215483.0	-1.10
L0001513	539364.0	4215498.0	0.07
L0001513	539369.9	4215483.0	-5.35
L0001513	539384.7	4215486.6	0.15
L0001514	539384.0	4215498.0	-5.48
L0001514	539384.7	4215486.6	-2.68

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001515	539364.0	4215498.0	0.76
L0001515	539384.0	4215498.0	-0.20
L0001515	539385.0	4215509.3	-1.10
L0001516	539364.0	4215518.0	-5.56
L0001517	539364.0	4215518.0	-1.46
L0001517	539364.0	4215538.0	-2.31
L0001517	539378.5	4215527.8	-0.19
L0001518	539364.0	4215538.0	-9.70
L0001518	539372.0	4215546.2	-0.80
L0001519	539364.0	4215558.0	-3.55
L0001520	539344.0	4215558.0	-0.74
L0001520	539364.0	4215558.0	-1.34
L0001520	539365.5	4215564.6	-0.94
L0001521	539344.0	4215558.0	-11.32
L0001522	539324.0	4215558.0	0.76
L0001522	539344.0	4215558.0	-0.35
L0001522	539326.4	4215560.8	0.89
L0001523	539324.0	4215538.0	-6.34
L0001524	539304.0	4215538.0	-1.59
L0001524	539324.0	4215538.0	-2.68
L0001525	539304.0	4215518.0	-0.12
L0001525	539304.0	4215538.0	-4.24
L0001526	539284.0	4215518.0	-0.56
L0001526	539304.0	4215518.0	-1.29
L0001527	539284.0	4215518.0	-9.00
L0001528	539304.0	4215518.0	-2.34
L0001529	539304.0	4215498.0	-3.90
L0001530	539324.0	4215498.0	-6.20
L0001531	539324.0	4215498.0	-3.65
L0001531	539344.0	4215498.0	-0.19
L0001532	539344.0	4215498.0	-11.99
L0001533	539344.0	4215498.0	0.16
L0001533	539364.0	4215498.0	-4.40
L0001534	539364.0	4215498.0	-9.02
L0001535	539364.0	4215498.0	-1.31

L0001535	539364.0	4215518.0	-3.04
L0001536	539364.0	4215518.0	-7.38
L0001537	539364.0	4215538.0	-2.56
L0001538	539344.0	4215538.0	-1.68
L0001538	539364.0	4215538.0	0.48

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001539	539344.0	4215538.0	-2.31
L0001539	539344.0	4215558.0	-1.53
L0001540	539324.0	4215538.0	0.33
L0001540	539344.0	4215538.0	-3.88
L0001541	539324.0	4215538.0	-7.80
L0001542	539324.0	4215518.0	0.21
L0001543	539304.0	4215518.0	-9.05
L0001544	539304.0	4215518.0	-4.90
L0001545	539324.0	4215498.0	-1.64
L0001545	539324.0	4215518.0	-1.71
L0001546	539324.0	4215498.0	-1.35
L0001547	539344.0	4215498.0	-7.14
L0001548	539344.0	4215498.0	0.63
L0001548	539364.0	4215498.0	-3.99
L0001549	539364.0	4215518.0	-0.34
L0001550	539344.0	4215518.0	-4.46
L0001551	539344.0	4215538.0	-6.79
L0001552	539344.0	4215538.0	-7.88
L0001553	539324.0	4215538.0	-1.77
L0001553	539344.0	4215538.0	-0.16
L0001554	539324.0	4215518.0	-5.95
L0001555	539324.0	4215518.0	-10.53
L0001556	539324.0	4215518.0	0.90
L0001556	539344.0	4215518.0	-0.68
L0001557	539344.0	4215498.0	0.82
L0001557	539344.0	4215518.0	-4.28
L0001558	539344.0	4215518.0	-7.88
L0001559	539344.0	4215518.0	-1.12

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

```
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
```

```
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1

              NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


                              *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                          (METERS/SEC)

                                             1.54,   3.09,   5.14,   8.23,  10.80,
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE 226
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                               *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:   NOVATO - OPERATIONAL - DEC 2024.SFC                                               Met Version:
18081
   Profile file:   NOVATO - OPERATIONAL - DEC 2024.PFL
   Surface format: FREE

   Profile format: FREE

   Surface station no.:    72040                 Upper air station no.:    23230
                  Name: UNKNOWN                                 Name: OAKLAND/WSO_AP
                  Year:   2013                                  Year:   2013

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO  REF WS   WD     HT  REF TA
 HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -
 13 01 01   1 01 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  275.1
2.0
 13 01 01   1 02   -5.0  0.090 -9.000 -9.000 -999.   65.     13.4  0.03   1.38   1.00    1.50  178.   10.0  276.1
2.0
 13 01 01   1 03 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 04   -8.1  0.111 -9.000 -9.000 -999.   89.     15.6  0.01   1.38   1.00    2.10   23.   10.0  276.1
2.0
 13 01 01   1 05  -11.1  0.137 -9.000 -9.000 -999.  122.     21.3  0.04   1.38   1.00    2.10   93.   10.0  276.1
2.0
 13 01 01   1 06  -15.6  0.162 -9.000 -9.000 -999.  156.     28.8  0.03   1.38   1.00    2.60  192.   10.0  276.1
2.0
 13 01 01   1 07  -12.7  0.140 -9.000 -9.000 -999.  126.     21.7  0.01   1.38   1.00    2.60  345.   10.0  274.1
2.0
 13 01 01   1 08 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0
 13 01 01   1 09 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   0.40    0.00    0.   10.0  275.1
2.0
 13 01 01   1 10   47.4 -9.000 -9.000 -9.000  123. -999. -99999.0  0.02   1.38   0.27    0.00    0.   10.0  279.1
2.0
 13 01 01   1 11   90.7  0.161  0.901  0.005  295.  155.     -4.2  0.01   1.38   0.22    2.10   74.   10.0  281.1
2.0
 13 01 01   1 12  115.7  0.364  1.360  0.008  796.  527.    -38.1  0.01   1.38   0.21    5.70   46.   10.0  283.1
2.0
 13 01 01   1 13  120.9  0.398  1.443  0.008  908.  602.    -47.6  0.04   1.38   0.20    5.10   93.   10.0  285.1
2.0
 13 01 01   1 14  105.4  0.230  1.394  0.007  940.  286.    -10.6  0.04   1.38   0.21    2.60  129.   10.0  285.1
2.0
```

```
 13 01 01   1 15   71.0  0.323  1.231  0.006  961.  441.    -43.5  0.01   1.38   0.24    5.10   72.   10.0  286.1
2.0
 13 01 01   1 16   20.1  0.172  0.811  0.006  967.  188.    -23.2  0.04   1.38   0.33    2.10  114.   10.0  286.1
2.0
 13 01 01   1 17   -9.2  0.130 -9.000 -9.000 -999.  112.     21.6  0.03   1.38   0.56    2.10  231.   10.0  282.1
2.0
 13 01 01   1 18  -15.5  0.162 -9.000 -9.000 -999.  156.     28.9  0.03   1.38   1.00    2.60  247.   10.0  281.1
2.0
 13 01 01   1 19  -10.0  0.129 -9.000 -9.000 -999.  111.     19.4  0.03   1.38   1.00    2.10  214.   10.0  279.1
2.0
 13 01 01   1 20  -20.2  0.195 -9.000 -9.000 -999.  207.     41.9  0.03   1.38   1.00    3.10  187.   10.0  277.1
2.0
 13 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  275.1
2.0
 13 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1 -999.  -99.00   275.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     L0001397    , L0001398    , L0001399    , L0001400    ,
L0001401    ,
                L0001402    , L0001403    , L0001404    , L0001405    , L0001406    , L0001407    , L0001408    ,
L0001409    ,
                L0001410    , L0001411    , L0001412    , L0001413    , L0001414    , L0001415    , L0001416    ,
L0001417    ,
                L0001418    , L0001560    , L0001561    , L0001562    , L0001563    , L0001564    , L0001565    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.00671      0.00721      0.00774      0.00828      0.00883      0.00940      0.00999
0.01059      0.01122
  4215938.00 |       0.00662      0.00716      0.00773      0.00833      0.00894      0.00958      0.01023
0.01092      0.01163
  4215918.00 |       0.00649      0.00705      0.00766      0.00831      0.00899      0.00969      0.01042
0.01119      0.01199
  4215898.00 |       0.00630      0.00689      0.00753      0.00822      0.00895      0.00972      0.01053
0.01139      0.01229
  4215878.00 |       0.00609      0.00668      0.00734      0.00806      0.00883      0.00966      0.01056
0.01151      0.01252
  4215858.00 |       0.00585      0.00644      0.00710      0.00783      0.00863      0.00952      0.01048
0.01152      0.01263
  4215838.00 |       0.00560      0.00617      0.00682      0.00755      0.00837      0.00928      0.01029
```

0.01140   0.01262
  4215818.00 | 0.00535   0.00590   0.00652   0.00724   0.00805   0.00896   0.01001
0.01117   0.01245
  4215798.00 | 0.00510   0.00562   0.00621   0.00690   0.00769   0.00860   0.00964
0.01081   0.01214
  4215778.00 | 0.00485   0.00534   0.00591   0.00656   0.00731   0.00818   0.00919
0.01035   0.01169
  4215758.00 | 0.00462   0.00508   0.00561   0.00622   0.00693   0.00775   0.00871
0.00983   0.01114
  4215738.00 | 0.00441   0.00483   0.00533   0.00590   0.00656   0.00732   0.00823
0.00929   0.01055
  4215718.00 | 0.00421   0.00461   0.00507   0.00560   0.00620   0.00691   0.00775
0.00874   0.00993
  4215698.00 | 0.00403   0.00440   0.00483   0.00532   0.00588   0.00653   0.00730
0.00822   0.00932
  4215678.00 | 0.00387   0.00422   0.00463   0.00508   0.00560   0.00619   0.00690
0.00774   0.00875
  4215658.00 | 0.00372   0.00406   0.00444   0.00487   0.00535   0.00590   0.00654
0.00730   0.00823
  4215638.00 | 0.00357   0.00391   0.00427   0.00467   0.00511   0.00562   0.00621
0.00692   0.00777
  4215618.00 | 0.00346   0.00376   0.00410   0.00450   0.00491   0.00538   0.00593
0.00658   0.00738
  4215598.00 | 0.00335   0.00363   0.00395   0.00433   0.00472   0.00516   0.00567
0.00628   0.00702
  4215578.00 | 0.00324   0.00350   0.00381   0.00417   0.00454   0.00495   0.00543
0.00601   0.00669
  4215558.00 | 0.00315   0.00340   0.00369   0.00402   0.00436   0.00476   0.00521
0.00576   0.00641
  4215538.00 | 0.00305   0.00330   0.00358   0.00390   0.00423   0.00461   0.00504
0.00553   0.00617
  4215518.00 | 0.00298   0.00322   0.00349   0.00379   0.00412   0.00448   0.00490
0.00539   0.00597
  4215498.00 | 0.00292   0.00316   0.00342   0.00372   0.00404   0.00441   0.00482
0.00531   0.00589
  4215478.00 | 0.00288   0.00312   0.00338   0.00368   0.00400   0.00437   0.00479
0.00527   0.00584
  4215458.00 | 0.00287   0.00310   0.00336   0.00366   0.00399   0.00437   0.00480
0.00527   0.00583
  4215438.00 | 0.00287   0.00311   0.00337   0.00367   0.00399   0.00437   0.00480
0.00529   0.00582
  4215418.00 | 0.00288   0.00311   0.00338   0.00366   0.00399   0.00436   0.00479
0.00526   0.00578
  4215398.00 | 0.00289   0.00311   0.00337   0.00365   0.00397   0.00433   0.00472
0.00518   0.00567
  4215378.00 | 0.00288   0.00310   0.00334   0.00361   0.00391   0.00426   0.00464
0.00508   0.00555
  4215358.00 | 0.00285   0.00305   0.00329   0.00355   0.00384   0.00416   0.00454
0.00496   0.00543
  4215338.00 | 0.00280   0.00300   0.00322   0.00347   0.00375   0.00407   0.00444
0.00486   0.00532
  4215318.00 | 0.00274   0.00293   0.00315   0.00340   0.00368   0.00399   0.00435
0.00476   0.00522
  4215298.00 | 0.00268   0.00288   0.00310   0.00334   0.00361   0.00393   0.00428
0.00469   0.00515
  4215278.00 | 0.00264   0.00284   0.00305   0.00330   0.00358   0.00389   0.00424
0.00463   0.00508
  4215258.00 | 0.00261   0.00281   0.00303   0.00329   0.00356   0.00386   0.00419
0.00456   0.00498
  4215238.00 | 0.00260   0.00280   0.00303   0.00328   0.00354   0.00383   0.00414
0.00449   0.00487
  4215218.00 | 0.00260   0.00280   0.00302   0.00326   0.00352   0.00379   0.00408
0.00439   0.00474
  4215198.00 | 0.00260   0.00279   0.00301   0.00324   0.00347   0.00372   0.00399
0.00428   0.00459
  4215178.00 | 0.00260   0.00278   0.00298   0.00319   0.00341   0.00364   0.00388
0.00414   0.00442

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001397   , L0001398   , L0001399   , L0001400   ,
L0001401   ,
              L0001402   , L0001403   , L0001404   , L0001405   , L0001406   , L0001407   , L0001408   ,
L0001409   ,
              L0001410   , L0001411   , L0001412   , L0001413   , L0001414   , L0001415   , L0001416   ,
L0001417   ,
              L0001418   , L0001560   , L0001561   , L0001562   , L0001563   , L0001564   , L0001565   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215158.00 | 0.00258   0.00275   0.00293   0.00312   0.00333   0.00353   0.00376
0.00400   0.00424
  4215138.00 | 0.00255   0.00271   0.00287   0.00304   0.00323   0.00341   0.00362
0.00384   0.00408
  4215118.00 | 0.00251   0.00265   0.00280   0.00295   0.00312   0.00329   0.00348
0.00369   0.00392
  4215098.00 | 0.00245   0.00258   0.00272   0.00286   0.00301   0.00317   0.00335
0.00355   0.00378
  4215078.00 | 0.00239   0.00251   0.00263   0.00276   0.00290   0.00305   0.00323
0.00343   0.00366
  4215058.00 | 0.00232   0.00243   0.00254   0.00266   0.00279   0.00294   0.00312
0.00332   0.00357
  4215038.00 | 0.00225   0.00235   0.00245   0.00257   0.00270   0.00285   0.00302
0.00323   0.00349
  4215018.00 | 0.00218   0.00227   0.00237   0.00248   0.00261   0.00277   0.00295
0.00317   0.00343
  4214998.00 | 0.00210   0.00219   0.00229   0.00241   0.00254   0.00270   0.00289
0.00312   0.00338
  4214978.00 | 0.00203   0.00212   0.00223   0.00234   0.00248   0.00265   0.00285
0.00308   0.00336

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001397   , L0001398   , L0001399   , L0001400   ,
L0001401   ,
              L0001402   , L0001403   , L0001404   , L0001405   , L0001406   , L0001407   , L0001408   ,
L0001409   ,
              L0001410   , L0001411   , L0001412   , L0001413   , L0001414   , L0001415   , L0001416   ,
L0001417   ,
              L0001418   , L0001560   , L0001561   , L0001562   , L0001563   , L0001564   , L0001565   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.01186	0.01249	0.01310	0.01368	0.01421	0.01469	0.01509	0.01543	0.01570
4215938.00	0.01235	0.01309	0.01382	0.01452	0.01518	0.01578	0.01632	0.01677	0.01713
4215918.00	0.01282	0.01367	0.01452	0.01536	0.01617	0.01693	0.01763	0.01823	0.01873
4215898.00	0.01324	0.01422	0.01520	0.01619	0.01717	0.01812	0.01901	0.01981	0.02049
4215878.00	0.01358	0.01469	0.01583	0.01699	0.01816	0.01932	0.02046	0.02150	0.02242
4215858.00	0.01382	0.01508	0.01638	0.01773	0.01911	0.02051	0.02193	0.02328	0.02449
4215838.00	0.01393	0.01533	0.01681	0.01837	0.01999	0.02167	0.02340	0.02510	0.02670
4215818.00	0.01386	0.01541	0.01707	0.01885	0.02074	0.02272	0.02481	0.02691	0.02898
4215798.00	0.01363	0.01529	0.01712	0.01912	0.02128	0.02360	0.02609	0.02866	0.03127
4215778.00	0.01323	0.01497	0.01694	0.01915	0.02158	0.02425	0.02716	0.03025	0.03348
4215758.00	0.01268	0.01446	0.01652	0.01887	0.02156	0.02456	0.02790	0.03154	0.03545
4215738.00	0.01204	0.01381	0.01588	0.01832	0.02117	0.02445	0.02818	0.03237	0.03703
4215718.00	0.01135	0.01305	0.01509	0.01753	0.02046	0.02391	0.02792	0.03261	0.03796
4215698.00	0.01064	0.01225	0.01419	0.01655	0.01943	0.02294	0.02712	0.03214	0.03809
4215678.00	0.00997	0.01145	0.01326	0.01547	0.01822	0.02164	0.02581	0.03096	0.03730
4215658.00	0.00934	0.01069	0.01234	0.01438	0.01693	0.02012	0.02411	0.02917	0.03560
4215638.00	0.00879	0.01000	0.01150	0.01335	0.01566	0.01858	0.02226	0.02702	0.03322
4215618.00	0.00831	0.00941	0.01076	0.01242	0.01449	0.01712	0.02043	0.02474	0.03045
4215598.00	0.00788	0.00890	0.01013	0.01163	0.01348	0.01583	0.01876	0.02258	0.02765
4215578.00	0.00752	0.00848	0.00961	0.01096	0.01265	0.01475	0.01735	0.02071	0.02514
4215558.00	0.00720	0.00811	0.00916	0.01043	0.01197	0.01389	0.01623	0.01922	0.02312
4215538.00	0.00693	0.00780	0.00881	0.01002	0.01146	0.01323	0.01538	0.01810	0.02160
4215518.00	0.00671	0.00754	0.00854	0.00972	0.01112	0.01279	0.01483	0.01738	0.02065
4215498.00	0.00658	0.00740	0.00836	0.00953	0.01088	0.01254	0.01451	0.01697	0.02011
4215478.00	0.00649	0.00729	0.00825	0.00941	0.01075	0.01239	0.01431	0.01671	0.01974
4215458.00	0.00647	0.00722	0.00815	0.00926	0.01062	0.01224	0.01410	0.01641	0.01931
4215438.00	0.00643	0.00716	0.00802	0.00911	0.01043	0.01200	0.01378	0.01599	0.01875
4215418.00	0.00637	0.00706	0.00788	0.00889	0.01017	0.01165	0.01334	0.01544	0.01805
4215398.00	0.00624	0.00690	0.00770	0.00868	0.00984	0.01130	0.01292	0.01491	0.01735
4215378.00	0.00610	0.00674	0.00752	0.00846	0.00957	0.01093	0.01247	0.01433	0.01657
4215358.00	0.00596	0.00659	0.00736	0.00826	0.00935	0.01064	0.01208	0.01378	0.01580

  4215338.00 | 0.00585   0.00647   0.00722   0.00809   0.00913   0.01032   0.01164
0.01317   0.01496
  4215318.00 | 0.00576   0.00636   0.00708   0.00791   0.00887   0.00995   0.01113
0.01252   0.01415
  4215298.00 | 0.00567   0.00626   0.00693   0.00769   0.00855   0.00951   0.01060
0.01185   0.01334
  4215278.00 | 0.00557   0.00613   0.00674   0.00743   0.00818   0.00906   0.01004
0.01121   0.01262
  4215258.00 | 0.00544   0.00594   0.00650   0.00712   0.00780   0.00860   0.00951
0.01062   0.01196
  4215238.00 | 0.00529   0.00574   0.00624   0.00679   0.00742   0.00816   0.00904
0.01009   0.01140
  4215218.00 | 0.00511   0.00551   0.00596   0.00647   0.00706   0.00777   0.00861
0.00965   0.01091
  4215198.00 | 0.00492   0.00528   0.00569   0.00617   0.00674   0.00743   0.00825
0.00927   0.01049
  4215178.00 | 0.00472   0.00505   0.00544   0.00590   0.00647   0.00714   0.00796
0.00895   0.01011

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001397   , L0001398   , L0001399   , L0001400   ,
L0001401   ,
                L0001402   , L0001403   , L0001404   , L0001405   , L0001406   , L0001407   , L0001408   ,
L0001409   ,
                L0001410   , L0001411   , L0001412   , L0001413   , L0001414   , L0001415   , L0001416   ,
L0001417   ,
                L0001418   , L0001560   , L0001561   , L0001562   , L0001563   , L0001564   , L0001565   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
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  4215158.00 | 0.00452   0.00483   0.00521   0.00568   0.00623   0.00691   0.00772
0.00867   0.00974
  4215138.00 | 0.00434   0.00465   0.00503   0.00549   0.00605   0.00672   0.00751
0.00840   0.00940
  4215118.00 | 0.00418   0.00450   0.00488   0.00535   0.00590   0.00656   0.00732
0.00816   0.00906
  4215098.00 | 0.00405   0.00438   0.00477   0.00524   0.00579   0.00642   0.00713
0.00790   0.00872
  4215078.00 | 0.00394   0.00428   0.00468   0.00514   0.00568   0.00629   0.00695
0.00765   0.00837
  4215058.00 | 0.00386   0.00420   0.00461   0.00507   0.00559   0.00615   0.00676
0.00738   0.00802
  4215038.00 | 0.00378   0.00414   0.00455   0.00500   0.00549   0.00602   0.00656
0.00711   0.00768
  4215018.00 | 0.00373   0.00409   0.00449   0.00493   0.00539   0.00587   0.00635
0.00685   0.00735
  4214998.00 | 0.00370   0.00405   0.00444   0.00485   0.00528   0.00571   0.00614
0.00658   0.00703
  4214978.00 | 0.00367   0.00402   0.00439   0.00477   0.00516   0.00554   0.00592
0.00632   0.00672

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001397   , L0001398   , L0001399   , L0001400   ,
L0001401   ,
             L0001402   , L0001403   , L0001404   , L0001405   , L0001406   , L0001407   , L0001408   ,
L0001409   ,
             L0001410   , L0001411   , L0001412   , L0001413   , L0001414   , L0001415   , L0001416   ,
L0001417   ,
             L0001418   , L0001560   , L0001561   , L0001562   , L0001563   , L0001564   , L0001565   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
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- - - - - - - -

  4215958.00 | 0.01591   0.01606   0.01618   0.01626   0.01632   0.01638   0.01648
0.01661   0.01678
  4215938.00 | 0.01742   0.01763   0.01779   0.01790   0.01798   0.01805   0.01815
0.01831   0.01847
  4215918.00 | 0.01912   0.01942   0.01965   0.01980   0.01992   0.02000   0.02010
0.02025   0.02043
  4215898.00 | 0.02104   0.02146   0.02178   0.02201   0.02217   0.02229   0.02239
0.02254   0.02277
  4215878.00 | 0.02318   0.02379   0.02425   0.02458   0.02482   0.02498   0.02511
0.02526   0.02548
  4215858.00 | 0.02555   0.02642   0.02709   0.02759   0.02793   0.02817   0.02835
0.02852   0.02875
  4215838.00 | 0.02814   0.02936   0.03035   0.03110   0.03163   0.03199   0.03224
0.03245   0.03270
  4215818.00 | 0.03092   0.03263   0.03407   0.03520   0.03602   0.03658   0.03696
0.03724   0.03753
  4215798.00 | 0.03382   0.03617   0.03824   0.03995   0.04124   0.04214   0.04274
0.04316   0.04353
  4215778.00 | 0.03676   0.03992   0.04285   0.04538   0.04739   0.04887   0.04987
0.05055   0.05107
  4215758.00 | 0.03956   0.04375   0.04780   0.05149   0.05458   0.05701   0.05873
0.05986   0.06070
  4215738.00 | 0.04207   0.04746   0.05292   0.05815   0.06286   0.06677   0.06974
0.07177   0.07320
  4215718.00 | 0.04401   0.05074   0.05786   0.06516   0.07210   0.07829   0.08335
0.08706   0.08971
  4215698.00 | 0.04509   0.05321   0.06226   0.07206   0.08200   0.09150   0.10003
0.10681   0.11191
  4215678.00 | 0.04506   0.05443   0.06552   0.07818   0.09190   0.10610   0.11986
0.13208   0.14190
  4215658.00 | 0.04378   0.05416   0.06703   0.08265   0.10079   0.12112   0.14258
0.16353   0.18226
  4215638.00 | 0.04139   0.05220   0.06632   0.08445   0.10734   0.13494   0.16667
0.20109   0.23567
  4215618.00 | 0.03816   0.04875   0.06325   0.08301   0.10987   0.14530   0.18986
0.24341   0.30358
  4215598.00 | 0.03458   0.04434   0.05813   0.07813   0.10723   0.14932   0.20827
0.28721   0.38666
  4215578.00 | 0.03119   0.03971   0.05209   0.07063   0.09929   0.14452   0.21677
0.32793   0.48743
  4215558.00 | 0.02838   0.03571   0.04635   0.06240   0.08781   0.13110   0.20919
0.35511   0.61293

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  4215538.00 |       0.02627      0.03275      0.04192      0.05556      0.07693      0.11380      0.18476
0.34392      0.75810
  4215518.00 |       0.02497      0.03087      0.03912      0.05102      0.06951      0.10033      0.15816
0.28966      0.74410
  4215498.00 |       0.02422      0.02980      0.03743      0.04847      0.06518      0.09232      0.14054
0.24229      0.51696
  4215478.00 |       0.02369      0.02901      0.03622      0.04651      0.06179      0.08580      0.12612
0.20234      0.36075
  4215458.00 |       0.02309      0.02810      0.03491      0.04438      0.05803      0.07839      0.11101
0.16672      0.26367
  4215438.00 |       0.02234      0.02706      0.03335      0.04184      0.05356      0.07064      0.09660
0.13744      0.19976
  4215418.00 |       0.02141      0.02585      0.03153      0.03897      0.04898      0.06319      0.08391
0.11394      0.15616
  4215398.00 |       0.02045      0.02447      0.02952      0.03594      0.04456      0.05645      0.07308
0.09567      0.12517
  4215378.00 |       0.01938      0.02297      0.02735      0.03304      0.04050      0.05054      0.06386
0.08119      0.10238
  4215358.00 |       0.01825      0.02142      0.02530      0.03033      0.03688      0.04534      0.05623
0.06959      0.08512
  4215338.00 |       0.01714      0.01989      0.02340      0.02791      0.03369      0.04090      0.04976
0.06015      0.07170
  4215318.00 |       0.01612      0.01860      0.02177      0.02579      0.03089      0.03707      0.04435
0.05248      0.06113
  4215298.00 |       0.01516      0.01746      0.02033      0.02395      0.02840      0.03368      0.03961
0.04605      0.05260
  4215278.00 |       0.01433      0.01647      0.01913      0.02234      0.02620      0.03066      0.03548
0.04062      0.04568
  4215258.00 |       0.01362      0.01562      0.01805      0.02089      0.02421      0.02795      0.03191
0.03600      0.03993
  4215238.00 |       0.01299      0.01486      0.01707      0.01957      0.02240      0.02549      0.02874
0.03203      0.03514
  4215218.00 |       0.01241      0.01416      0.01615      0.01834      0.02075      0.02330      0.02594
0.02860      0.03110
  4215198.00 |       0.01190      0.01350      0.01526      0.01716      0.01920      0.02133      0.02349
0.02564      0.02770
  4215178.00 |       0.01141      0.01285      0.01441      0.01606      0.01779      0.01956      0.02135
0.02311      0.02479
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                  INCLUDING SOURCE(S):     L0001397    , L0001398    , L0001399    , L0001400    ,
L0001401    ,
                L0001402    , L0001403    , L0001404    , L0001405    , L0001406    , L0001407    , L0001408    ,
L0001409    ,
                L0001410    , L0001411    , L0001412    , L0001413    , L0001414    , L0001415    , L0001416    ,
L0001417    ,
                L0001418    , L0001560    , L0001561    , L0001562    , L0001563    , L0001564    , L0001565    ,
. . .       ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.01094      0.01223      0.01359      0.01502      0.01649      0.01798      0.01945
0.02092      0.02232
```

  4215138.00 | 0.01048   0.01161   0.01280   0.01405   0.01530   0.01656   0.01780
0.01902   0.02022
  4215118.00 | 0.01002   0.01102   0.01207   0.01313   0.01421   0.01529   0.01634
0.01737   0.01839
  4215098.00 | 0.00956   0.01044   0.01136   0.01229   0.01323   0.01414   0.01504
0.01593   0.01681
  4215078.00 | 0.00911   0.00989   0.01070   0.01152   0.01232   0.01311   0.01388
0.01465   0.01544
  4215058.00 | 0.00867   0.00937   0.01008   0.01080   0.01150   0.01218   0.01285
0.01351   0.01421
  4215038.00 | 0.00826   0.00887   0.00950   0.01014   0.01075   0.01134   0.01192
0.01251   0.01312
  4215018.00 | 0.00787   0.00841   0.00897   0.00952   0.01006   0.01058   0.01109
0.01161   0.01216
  4214998.00 | 0.00750   0.00798   0.00847   0.00896   0.00944   0.00990   0.01035
0.01081   0.01129
  4214978.00 | 0.00714   0.00758   0.00802   0.00845   0.00887   0.00927   0.00968
0.01009   0.01052
 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
   07/18/25
 *** AERMET - VERSION 18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED   ***
  10:11:07

  PAGE 233
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001397   , L0001398   , L0001399   , L0001400   ,
L0001401   ,
                L0001402   , L0001403   , L0001404   , L0001405   , L0001406   , L0001407   , L0001408   ,
L0001409   ,
                L0001410   , L0001411   , L0001412   , L0001413   , L0001414   , L0001415   , L0001416   ,
L0001417   ,
                L0001418   , L0001560   , L0001561   , L0001562   , L0001563   , L0001564   , L0001565   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215958.00 | 0.01702   0.01734   0.01760   0.01783   0.01803   0.01819   0.01835
0.01855   0.01879
  4215938.00 | 0.01873   0.01903   0.01938   0.01964   0.01986   0.02005   0.02024
0.02048   0.02077
  4215918.00 | 0.02072   0.02105   0.02142   0.02174   0.02199   0.02221   0.02245
0.02273   0.02307
  4215898.00 | 0.02304   0.02341   0.02383   0.02421   0.02449   0.02475   0.02504
0.02538   0.02577
  4215878.00 | 0.02580   0.02619   0.02663   0.02708   0.02745   0.02777   0.02812
0.02852   0.02894
  4215858.00 | 0.02909   0.02953   0.03002   0.03050   0.03096   0.03137   0.03179
0.03226   0.03269
  4215838.00 | 0.03305   0.03355   0.03408   0.03467   0.03519   0.03575   0.03625
0.03676   0.03714
  4215818.00 | 0.03792   0.03844   0.03908   0.03974   0.04041   0.04103   0.04169
0.04222   0.04246
  4215798.00 | 0.04396   0.04453   0.04526   0.04607   0.04686   0.04765   0.04839
0.04891   0.04884
  4215778.00 | 0.05159   0.05223   0.05305   0.05403   0.05503   0.05597   0.05680
0.05715   0.05652
  4215758.00 | 0.06139   0.06214   0.06308   0.06425   0.06549   0.06664   0.06742
0.06735   0.06578

```
  4215738.00 |       0.07424      0.07518      0.07631      0.07772      0.07927      0.08056      0.08110
0.08010      0.07694
  4215718.00 |       0.09148      0.09282      0.09424      0.09598      0.09786      0.09922      0.09902
0.09624      0.09049
  4215698.00 |       0.11520      0.11743      0.11938      0.12157      0.12379      0.12477      0.12287
0.11679      0.10710
  4215678.00 |       0.14878      0.15307      0.15618      0.15904      0.16140      0.16104      0.15525
0.14330      0.12763
  4215658.00 |       0.19704      0.20714      0.21309      0.21717      0.21888      0.21460      0.20025
0.17790      0.15321
  4215638.00 |       0.26716      0.29216      0.30765      0.31454      0.31337      0.29780      0.26428
0.22334      0.18453
  4215618.00 |       0.36767      0.42956      0.47846      0.49997      0.48793      0.43575      0.35680
0.28190      0.22081
  4215598.00 |       0.50872      0.65303      0.80859      0.92661      0.88135      0.67750      0.48642
0.35145      0.25832
  4215578.00 |       0.71164      1.02958      1.47828      1.84895      1.69138      1.06669      0.64391
0.42137      0.29011
  4215558.00 |       1.03775      1.76664      2.24824      2.48364      2.25869      1.56172      0.80256
0.47761      0.30926
  4215538.00 |       1.51040      2.13338      2.91068      3.33172      2.92456      1.94851      0.94785
0.51052      0.31183
  4215518.00 |       1.19253      2.40284      3.15915      3.49795      3.13694      2.20179      1.04653
0.50719      0.29640
  4215498.00 |       1.20924      1.81852      2.07398      2.26463      2.19872      1.63799      0.99028
0.45580      0.26869
  4215478.00 |       0.68206      1.16666      1.68587      1.82731      1.77368      1.47198      0.73679
0.39169      0.24274
  4215458.00 |       0.41946      0.62643      0.83154      0.96157      0.95581      0.78118      0.52752
0.33226      0.21916
  4215438.00 |       0.28793      0.39422      0.49722      0.56180      0.56285      0.49391      0.38354
0.27511      0.19499
  4215418.00 |       0.21043      0.27203      0.32954      0.36673      0.37162      0.34209      0.28771
0.22516      0.17013
  4215398.00 |       0.16061      0.19845      0.23344      0.25696      0.26322      0.25013      0.22124
0.18425      0.14718
  4215378.00 |       0.12649      0.15115      0.17352      0.18906      0.19516      0.18994      0.17423
0.15163      0.12661
  4215358.00 |       0.10185      0.11870      0.13371      0.14466      0.14990      0.14824      0.13964
0.12575      0.10882
  4215338.00 |       0.08370      0.09551      0.10599      0.11391      0.11840      0.11851      0.11383
0.10513      0.09373
  4215318.00 |       0.06994      0.07838      0.08588      0.09189      0.09560      0.09641      0.09387
0.08847      0.08080
  4215298.00 |       0.05919      0.06539      0.07100      0.07561      0.07867      0.07969      0.07849
0.07514      0.06997
  4215278.00 |       0.05067      0.05539      0.05963      0.06325      0.06579      0.06688      0.06640
0.06433      0.06085
  4215258.00 |       0.04380      0.04743      0.05076      0.05366      0.05572      0.05684      0.05676
0.05551      0.05317
  4215238.00 |       0.03817      0.04105      0.04371      0.04602      0.04780      0.04884      0.04899
0.04826      0.04672
  4215218.00 |       0.03353      0.03586      0.03803      0.03993      0.04142      0.04237      0.04264
0.04228      0.04127
  4215198.00 |       0.02968      0.03159      0.03335      0.03496      0.03623      0.03708      0.03741
0.03728      0.03663
  4215178.00 |       0.02643      0.02802      0.02951      0.03085      0.03194      0.03267      0.03307
0.03307      0.03269
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                  ***
  10:11:07

  PAGE 234
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     L0001397    , L0001398    , L0001399    , L0001400    ,
```

L0001401   ,
                L0001402   , L0001403   , L0001404   , L0001405   , L0001406   , L0001407   , L0001408   ,
L0001409   ,
                L0001410   , L0001411   , L0001412   , L0001413   , L0001414   , L0001415   , L0001416   ,
L0001417   ,
                L0001418   , L0001560   , L0001561   , L0001562   , L0001563   , L0001564   , L0001565   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 0.02370   0.02505   0.02631   0.02744   0.02834   0.02901   0.02940
0.02951   0.02929
  4215138.00 | 0.02139   0.02254   0.02362   0.02457   0.02535   0.02592   0.02629
0.02643   0.02634
  4215118.00 | 0.01941   0.02040   0.02132   0.02214   0.02281   0.02330   0.02364
0.02380   0.02379
  4215098.00 | 0.01769   0.01855   0.01935   0.02006   0.02063   0.02106   0.02135
0.02153   0.02157
  4215078.00 | 0.01619   0.01694   0.01764   0.01826   0.01876   0.01914   0.01939
0.01956   0.01964
  4215058.00 | 0.01488   0.01554   0.01615   0.01670   0.01714   0.01747   0.01770
0.01785   0.01794
  4215038.00 | 0.01374   0.01432   0.01486   0.01534   0.01572   0.01601   0.01621
0.01635   0.01644
  4215018.00 | 0.01270   0.01324   0.01372   0.01414   0.01448   0.01473   0.01491
0.01504   0.01512
  4214998.00 | 0.01178   0.01227   0.01271   0.01309   0.01338   0.01360   0.01376
0.01387   0.01395
  4214978.00 | 0.01097   0.01140   0.01180   0.01215   0.01241   0.01259   0.01274
0.01284   0.01291

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                 *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001397   , L0001398   , L0001399   , L0001400   ,
L0001401   ,
                L0001402   , L0001403   , L0001404   , L0001405   , L0001406   , L0001407   , L0001408   ,
L0001409   ,
                L0001410   , L0001411   , L0001412   , L0001413   , L0001414   , L0001415   , L0001416   ,
L0001417   ,
                L0001418   , L0001560   , L0001561   , L0001562   , L0001563   , L0001564   , L0001565   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215958.00 | 0.01907   0.01934   0.01952   0.01953   0.01931   0.01883   0.01812
0.01722   0.01623

4215938.00	0.02108	0.02134	0.02147	0.02134	0.02093	0.02023	0.01930	0.01820	0.01706
4215918.00	0.02341	0.02364	0.02365	0.02334	0.02269	0.02171	0.02053	0.01924	0.01795
4215898.00	0.02611	0.02626	0.02609	0.02552	0.02456	0.02329	0.02184	0.02034	0.01892
4215878.00	0.02924	0.02924	0.02882	0.02791	0.02658	0.02496	0.02324	0.02156	0.02003
4215858.00	0.03289	0.03265	0.03186	0.03050	0.02874	0.02676	0.02478	0.02293	0.02128
4215838.00	0.03714	0.03652	0.03522	0.03333	0.03108	0.02873	0.02649	0.02448	0.02271
4215818.00	0.04209	0.04092	0.03894	0.03642	0.03364	0.03092	0.02844	0.02625	0.02435
4215798.00	0.04788	0.04591	0.04309	0.03983	0.03650	0.03341	0.03066	0.02827	0.02617
4215778.00	0.05464	0.05158	0.04774	0.04366	0.03976	0.03626	0.03320	0.03053	0.02816
4215758.00	0.06254	0.05805	0.05301	0.04803	0.04350	0.03952	0.03605	0.03299	0.03022
4215738.00	0.07179	0.06551	0.05907	0.05309	0.04780	0.04318	0.03914	0.03553	0.03226
4215718.00	0.08272	0.07423	0.06613	0.05890	0.05262	0.04714	0.04232	0.03802	0.03416
4215698.00	0.09571	0.08450	0.07430	0.06544	0.05781	0.05119	0.04539	0.04029	0.03580
4215678.00	0.11140	0.09649	0.08351	0.07246	0.06307	0.05505	0.04815	0.04220	0.03708
4215658.00	0.13006	0.11003	0.09335	0.07949	0.06800	0.05840	0.05035	0.04358	0.03790
4215638.00	0.15134	0.12442	0.10297	0.08588	0.07208	0.06088	0.05176	0.04429	0.03815
4215618.00	0.17367	0.13817	0.11131	0.09071	0.07473	0.06214	0.05217	0.04421	0.03780
4215598.00	0.19404	0.14910	0.11688	0.09320	0.07550	0.06196	0.05152	0.04334	0.03686
4215578.00	0.20831	0.15497	0.11853	0.09281	0.07419	0.06037	0.04988	0.04180	0.03545
4215558.00	0.21332	0.15432	0.11589	0.08968	0.07116	0.05765	0.04753	0.03980	0.03377
4215538.00	0.20768	0.14762	0.10984	0.08462	0.06705	0.05432	0.04485	0.03763	0.03200
4215518.00	0.19403	0.13733	0.10217	0.07896	0.06271	0.05098	0.04224	0.03555	0.03032
4215498.00	0.17798	0.12693	0.09509	0.07382	0.05892	0.04808	0.03996	0.03373	0.02884
4215478.00	0.16465	0.11875	0.08968	0.06993	0.05604	0.04587	0.03820	0.03230	0.02766
4215458.00	0.15352	0.11262	0.08563	0.06717	0.05404	0.04433	0.03698	0.03129	0.02680
4215438.00	0.14192	0.10643	0.08213	0.06493	0.05248	0.04326	0.03618	0.03063	0.02625
4215418.00	0.12886	0.09936	0.07814	0.06269	0.05113	0.04235	0.03554	0.03017	0.02588
4215398.00	0.11573	0.09157	0.07350	0.05986	0.04945	0.04128	0.03486	0.02973	0.02557
4215378.00	0.10325	0.08386	0.06851	0.05667	0.04733	0.03993	0.03400	0.02916	0.02521
4215358.00	0.09172	0.07636	0.06353	0.05328	0.04500	0.03833	0.03288	0.02842	0.02473
4215338.00	0.08125	0.06930	0.05873	0.04986	0.04256	0.03654	0.03160	0.02750	0.02410
4215318.00	0.07187	0.06271	0.05411	0.04653	0.04009	0.03468	0.03023	0.02650	0.02337
4215298.00	0.06351	0.05662	0.04974	0.04336	0.03772	0.03289	0.02883	0.02544	0.02256
4215278.00	0.05623	0.05104	0.04561	0.04029	0.03545	0.03117	0.02750	0.02436	0.02171
4215258.00	0.04986	0.04598	0.04170	0.03739	0.03327	0.02950	0.02619		

0.02332 0.02086
4215238.00 | 0.04436 0.04143 0.03813 0.03462 0.03116 0.02788 0.02492
0.02231 0.02003
4215218.00 | 0.03961 0.03743 0.03484 0.03200 0.02913 0.02631 0.02370
0.02132 0.01921
4215198.00 | 0.03548 0.03383 0.03180 0.02955 0.02716 0.02479 0.02250
0.02037 0.01843
4215178.00 | 0.03189 0.03066 0.02907 0.02726 0.02530 0.02331 0.02133
0.01943 0.01768

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001397 , L0001398 , L0001399 , L0001400 , L0001401 ,
L0001402 , L0001403 , L0001404 , L0001405 , L0001406 , L0001407 , L0001408 , L0001409 ,
L0001410 , L0001411 , L0001412 , L0001413 , L0001414 , L0001415 , L0001416 , L0001417 ,
L0001418 , L0001560 , L0001561 , L0001562 , L0001563 , L0001564 , L0001565 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	0.02875	0.02783	0.02660	0.02514	0.02354	0.02188	0.02018	0.01852	0.01695
4215138.00	0.02599	0.02532	0.02437	0.02323	0.02192	0.02054	0.01909	0.01765	0.01625
4215118.00	0.02357	0.02308	0.02237	0.02146	0.02041	0.01926	0.01804	0.01679	0.01555
4215098.00	0.02145	0.02110	0.02057	0.01985	0.01900	0.01806	0.01702	0.01595	0.01486
4215078.00	0.01957	0.01935	0.01894	0.01838	0.01770	0.01692	0.01605	0.01513	0.01419
4215058.00	0.01791	0.01777	0.01749	0.01704	0.01649	0.01584	0.01512	0.01434	0.01352
4215038.00	0.01645	0.01637	0.01616	0.01582	0.01537	0.01484	0.01422	0.01356	0.01286
4215018.00	0.01515	0.01511	0.01496	0.01470	0.01435	0.01390	0.01339	0.01283	0.01222
4214998.00	0.01399	0.01398	0.01388	0.01369	0.01340	0.01303	0.01260	0.01213	0.01161
4214978.00	0.01295	0.01296	0.01291	0.01276	0.01253	0.01223	0.01187	0.01147	0.01102

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001397 , L0001398 , L0001399 , L0001400 ,

L0001401   ,
                L0001402   , L0001403   , L0001404   , L0001405   , L0001406   , L0001407   , L0001408   ,
L0001409   ,
                L0001410   , L0001411   , L0001412   , L0001413   , L0001414   , L0001415   , L0001416   ,
L0001417   ,
                L0001418   , L0001560   , L0001561   , L0001562   , L0001563   , L0001564   , L0001565   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

  4215958.00 | 0.01521   0.01423   0.01334   0.01255   0.01186
  4215938.00 | 0.01593   0.01489   0.01397   0.01316   0.01246
  4215918.00 | 0.01673   0.01564   0.01469   0.01386   0.01313
  4215898.00 | 0.01763   0.01649   0.01551   0.01465   0.01388
  4215878.00 | 0.01866   0.01747   0.01644   0.01552   0.01469
  4215858.00 | 0.01984   0.01859   0.01748   0.01648   0.01554
  4215838.00 | 0.02118   0.01983   0.01860   0.01748   0.01642
  4215818.00 | 0.02268   0.02117   0.01979   0.01850   0.01727
  4215798.00 | 0.02430   0.02258   0.02099   0.01949   0.01807
  4215778.00 | 0.02600   0.02400   0.02214   0.02041   0.01879
  4215758.00 | 0.02769   0.02535   0.02320   0.02122   0.01940
  4215738.00 | 0.02928   0.02657   0.02411   0.02189   0.01989
  4215718.00 | 0.03070   0.02760   0.02485   0.02240   0.02024
  4215698.00 | 0.03185   0.02839   0.02537   0.02273   0.02043
  4215678.00 | 0.03268   0.02890   0.02565   0.02286   0.02045
  4215658.00 | 0.03311   0.02907   0.02566   0.02275   0.02027
  4215638.00 | 0.03309   0.02888   0.02536   0.02239   0.01989
  4215618.00 | 0.03258   0.02831   0.02476   0.02181   0.01933
  4215598.00 | 0.03165   0.02742   0.02395   0.02107   0.01866
  4215578.00 | 0.03040   0.02632   0.02298   0.02023   0.01793
  4215558.00 | 0.02898   0.02512   0.02197   0.01937   0.01719
  4215538.00 | 0.02753   0.02392   0.02097   0.01852   0.01648
  4215518.00 | 0.02615   0.02278   0.02002   0.01773   0.01580
  4215498.00 | 0.02494   0.02177   0.01917   0.01700   0.01518
  4215478.00 | 0.02394   0.02093   0.01845   0.01638   0.01464
  4215458.00 | 0.02321   0.02030   0.01789   0.01589   0.01420
  4215438.00 | 0.02273   0.01987   0.01751   0.01555   0.01390
  4215418.00 | 0.02242   0.01960   0.01727   0.01533   0.01370
  4215398.00 | 0.02220   0.01942   0.01712   0.01520   0.01357
  4215378.00 | 0.02196   0.01925   0.01699   0.01510   0.01349
  4215358.00 | 0.02164   0.01904   0.01685   0.01499   0.01341
  4215338.00 | 0.02123   0.01877   0.01667   0.01487   0.01333
  4215318.00 | 0.02071   0.01841   0.01642   0.01470   0.01321
  4215298.00 | 0.02009   0.01796   0.01610   0.01448   0.01306
  4215278.00 | 0.01942   0.01744   0.01571   0.01419   0.01285
  4215258.00 | 0.01873   0.01688   0.01527   0.01385   0.01259
  4215238.00 | 0.01804   0.01631   0.01480   0.01347   0.01229
  4215218.00 | 0.01737   0.01575   0.01433   0.01307   0.01197
  4215198.00 | 0.01672   0.01521   0.01386   0.01268   0.01163
  4215178.00 | 0.01610   0.01468   0.01342   0.01230   0.01130

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001397   , L0001398   , L0001399   , L0001400   ,
L0001401   ,

```
                L0001402    , L0001403    , L0001404    , L0001405    , L0001406    , L0001407    , L0001408    ,
L0001409    ,
                L0001410    , L0001411    , L0001412    , L0001413    , L0001414    , L0001415    , L0001416    ,
L0001417    ,
                L0001418    , L0001560    , L0001561    , L0001562    , L0001563    , L0001564    , L0001565    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.01550      0.01417      0.01299      0.01193      0.01098
  4215138.00 |       0.01492      0.01369      0.01258      0.01157      0.01067
  4215118.00 |       0.01435      0.01322      0.01219      0.01124      0.01038
  4215098.00 |       0.01379      0.01276      0.01180      0.01091      0.01009
  4215078.00 |       0.01324      0.01230      0.01142      0.01058      0.00981
  4215058.00 |       0.01268      0.01185      0.01104      0.01026      0.00954
  4215038.00 |       0.01213      0.01138      0.01065      0.00994      0.00927
  4215018.00 |       0.01158      0.01093      0.01027      0.00962      0.00900
  4214998.00 |       0.01105      0.01048      0.00989      0.00930      0.00873
  4214978.00 |       0.01054      0.01004      0.00952      0.00899      0.00847
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                              ***
  10:11:07

  PAGE 239
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     L0001397    , L0001398    , L0001399    , L0001400    ,
L0001401    ,
                L0001402    , L0001403    , L0001404    , L0001405    , L0001406    , L0001407    , L0001408    ,
L0001409    ,
                L0001410    , L0001411    , L0001412    , L0001413    , L0001414    , L0001415    , L0001416    ,
L0001417    ,
                L0001418    , L0001560    , L0001561    , L0001562    , L0001563    , L0001564    , L0001565    ,
. . .       ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
        539341.84    4215428.70        0.45260                     539351.84    4215428.70        0.46341

        539361.84    4215428.70        0.46153                     539371.84    4215428.70        0.44665

        539381.84    4215428.70        0.41996                     539341.84    4215438.70        0.56705

        539351.84    4215438.70        0.58063                     539361.84    4215438.70        0.57585

        539371.84    4215438.70        0.55245                     539381.84    4215438.70        0.51205

        539341.84    4215448.70        0.73001                     539351.84    4215448.70        0.74786

        539361.84    4215448.70        0.73912                     539371.84    4215448.70        0.70210

        539381.84    4215448.70        0.63924                     539341.84    4215458.70        0.97388

        539351.84    4215458.70        0.99954                     539361.84    4215458.70        0.98480
```

539371.84	4215458.70	0.92541	539381.84	4215458.70	0.82307
539341.84	4215468.70	1.36606	539351.84	4215468.70	1.40740
539361.84	4215468.70	1.38452	539371.84	4215468.70	1.28582
539381.84	4215468.70	1.10939	539113.88	4215517.52	0.02763
539096.52	4215515.99	0.02311	539108.26	4215501.18	0.02537
539096.01	4215500.67	0.02249	539108.26	4215486.38	0.02493
539094.47	4215485.36	0.02181	539135.32	4215461.36	0.03190
539150.13	4215439.91	0.03585	539114.39	4215452.68	0.02530
539123.07	4215439.40	0.02691	539159.32	4215421.02	0.03741
539145.02	4215416.43	0.03170	539134.30	4215410.81	0.02800
539131.75	4215425.11	0.02840	539206.80	4215383.75	0.05387
539215.99	4215372.52	0.05620	539188.93	4215382.22	0.04359
539176.17	4215379.67	0.03761	539165.44	4215376.09	0.03324
539248.79	4215356.71	0.07238	539243.45	4215348.45	0.06448
539265.58	4215345.25	0.07720	539260.78	4215338.05	0.06978
539256.25	4215351.38	0.07465	539272.77	4215331.92	0.07301
539264.78	4215324.99	0.06494	539280.77	4215321.79	0.07080
539279.97	4215307.14	0.06229	539287.97	4215313.80	0.06908
539297.83	4215304.74	0.06736	539289.56	4215296.21	0.06008
539311.15	4215287.68	0.06173	539303.69	4215281.28	0.05678
539303.69	4215296.21	0.06433	539314.25	4215271.79	0.05477
539329.09	4215260.48	0.05256	539339.69	4215237.16	0.04530
539357.36	4215232.92	0.04556	539394.11	4215199.70	0.03772
539044.99	4215579.21	0.01757	539034.39	4215591.93	0.01685
539054.88	4215556.59	0.01767	539058.42	4215538.92	0.01732
539054.88	4215520.55	0.01622	539082.44	4215477.44	0.01946
539073.96	4215466.13	0.01792	539098.70	4215440.69	0.02134
539109.30	4215426.56	0.02292	539117.07	4215415.96	0.02408
539125.55	4215401.11	0.02504	539158.77	4215367.19	0.03003
539150.29	4215357.30	0.02668	539184.21	4215339.63	0.03398
539222.37	4215324.79	0.04541	539243.58	4215317.72	0.05220

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001397 , L0001398 , L0001399 , L0001400 , L0001401 ,
L0001402 , L0001403 , L0001404 , L0001405 , L0001406 , L0001407 , L0001408 , L0001409 ,
L0001410 , L0001411 , L0001412 , L0001413 , L0001414 , L0001415 , L0001416 , L0001417 ,
L0001418 , L0001560 , L0001561 , L0001562 , L0001563 , L0001564 , L0001565 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.03567	539364.42	4215191.93	0.03485
539344.64	4215200.41	0.03556	539409.65	4215113.48	0.02316
539355.94	4215136.80	0.02490	539262.66	4215288.75	0.04885
539282.44	4215261.19	0.04448	539299.41	4215235.04	0.03959
538948.91	4216164.24	0.00707	539351.64	4215795.94	0.04710
539171.40	4215646.30	0.09140	539358.95	4215583.01	1.47280
539293.80	4215538.56	1.90429	539260.82	4215517.04	0.60444
539279.41	4215503.60	1.02397	539292.18	4215495.55	1.30692
539318.95	4215487.21	1.79978	539337.11	4215482.84	1.94411
539356.14	4215482.00	1.96790	539369.89	4215483.02	1.86291
539384.66	4215486.57	1.30080	539391.49	4215490.91	1.43587
539342.66	4215571.90	2.09819	539326.38	4215560.79	2.21355
539310.09	4215549.67	2.23660	539277.31	4215527.80	1.25276
539270.11	4215510.32	0.81934	539305.56	4215491.38	1.63600
539384.98	4215509.33	1.97913	539378.47	4215527.75	2.35074
539371.97	4215546.17	2.35156	539365.46	4215564.59	2.06486

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID

```
ALL       1ST HIGHEST VALUE IS       3.49795 AT (  539344.00,  4215518.00,     9.70,   567.00,    1.50)  GC  UCART1

          2ND HIGHEST VALUE IS       3.33172 AT (  539344.00,  4215538.00,     9.50,   567.00,    1.50)  GC  UCART1

          3RD HIGHEST VALUE IS       3.15915 AT (  539324.00,  4215518.00,     9.90,   567.00,    1.50)  GC  UCART1

          4TH HIGHEST VALUE IS       3.13694 AT (  539364.00,  4215518.00,     9.40,   567.00,    1.50)  GC  UCART1

          5TH HIGHEST VALUE IS       2.92456 AT (  539364.00,  4215538.00,     9.20,   567.00,    1.50)  GC  UCART1

          6TH HIGHEST VALUE IS       2.91068 AT (  539324.00,  4215538.00,     9.80,   567.00,    1.50)  GC  UCART1

          7TH HIGHEST VALUE IS       2.48364 AT (  539344.00,  4215558.00,     9.30,   567.00,    1.50)  GC  UCART1

          8TH HIGHEST VALUE IS       2.40284 AT (  539304.00,  4215518.00,    10.00,   567.00,    1.50)  GC  UCART1

          9TH HIGHEST VALUE IS       2.35156 AT (  539371.97,  4215546.17,     9.02,   567.00,    1.50)  DC

         10TH HIGHEST VALUE IS       2.35074 AT (  539378.47,  4215527.75,     9.13,   567.00,    1.50)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 UNMITIGATED                                ***
  10:11:07

  PAGE 242
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of        22066 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of        12563 Calm Hours Identified

 A Total of         9503 Missing Hours Identified ( 21.67 Percent)

 CAUTION!:  Number of Missing Hours Exceeds 10 Percent of Total!
            Data May Not Be Acceptable for Regulatory Applications.
            See Section 5.3.2 of "Meteorological Monitoring Guidance
            for Regulatory Modeling Applications" (EPA-454/R-99-005).


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***

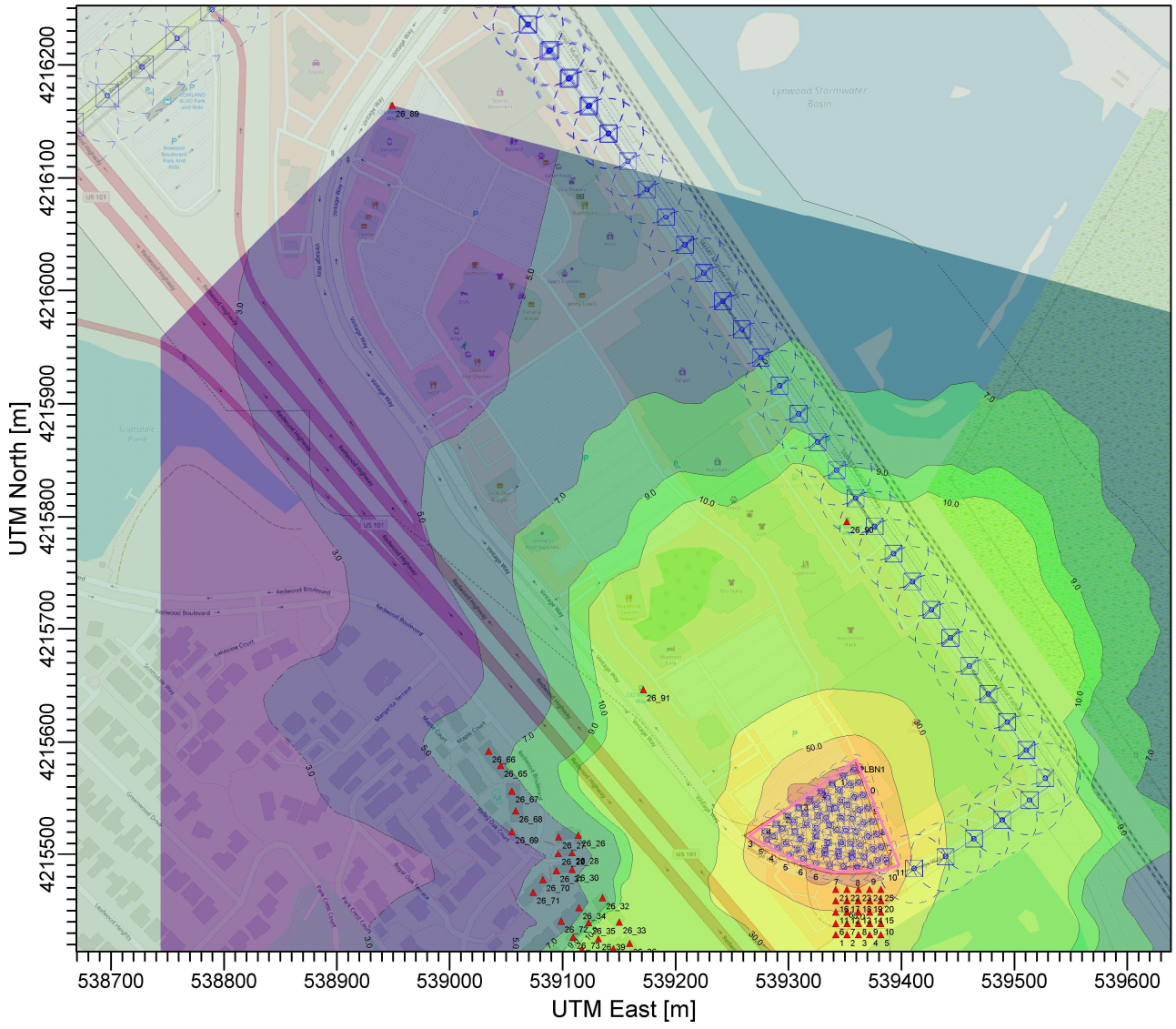

    ********   WARNING MESSAGES   ********
 ME W187    2488       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
 MX W481   43849         MAIN: Data Remaining After End of Year. Number of Hours=           24

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

Localized NO_2 AERMOD Output - Construction Mitigated

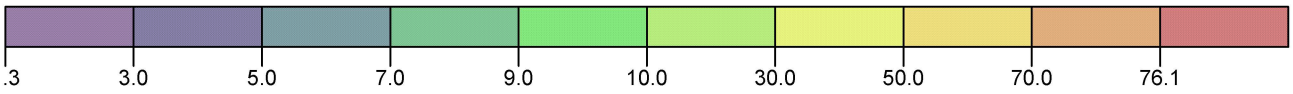
PROJECT TITLE:

Novato Costco
Const NO2 Mitigated 1hour 1H1



PLOT FILE OF 1ST-HIGHEST MAX DAILY 1-HR VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ug/m^3

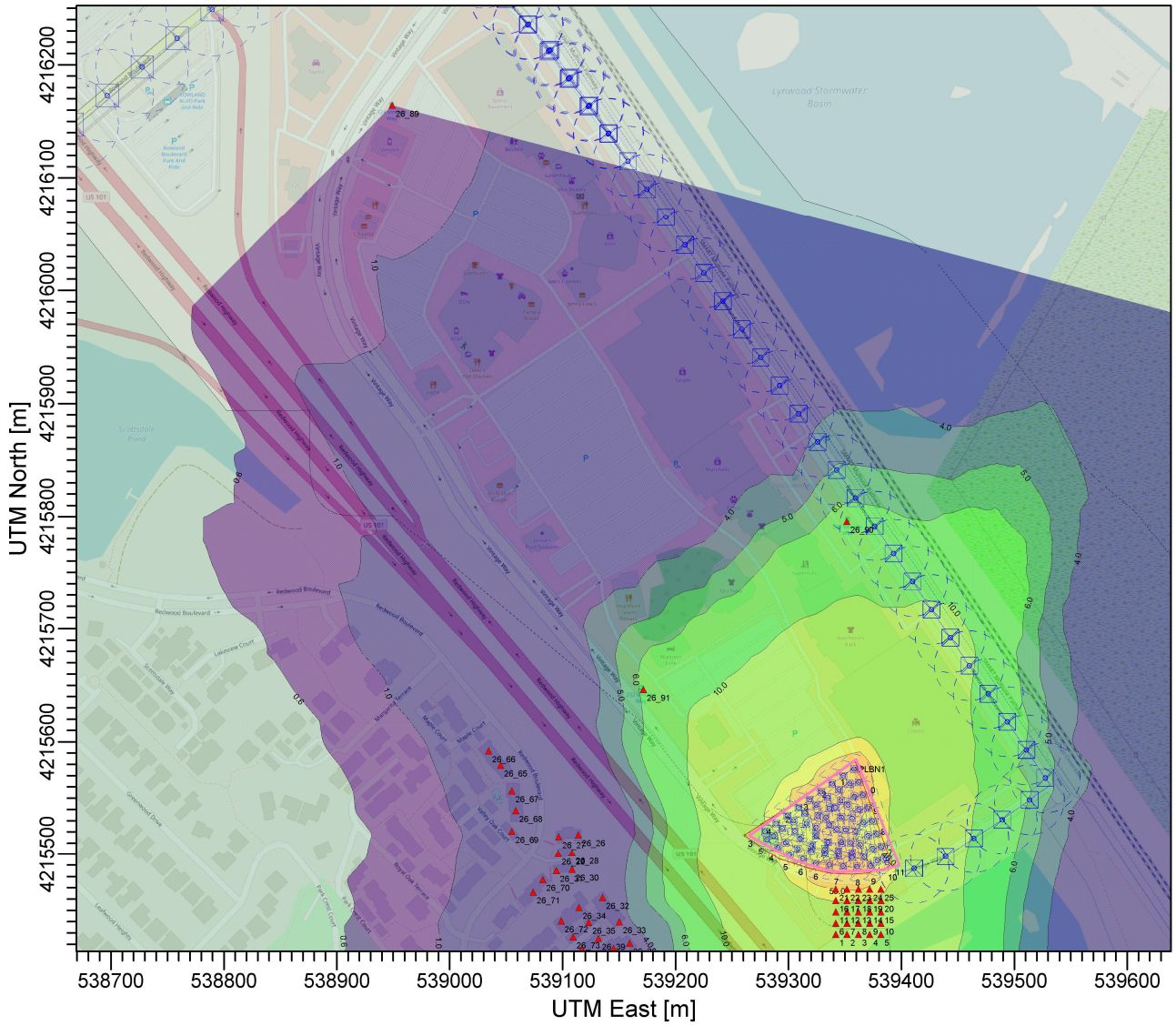
Max: 76.1 [ug/m^3] at (539356.14, 4215482.00)



COMMENTS:	SOURCES:	COMPANY NAME:	
	10		
	RECEPTORS:	MODELER:	
	2612		
	OUTPUT TYPE:	SCALE: 1:6,093	
	Concentration	0 0.2 km	
	MAX:	DATE:	PROJECT NO.:
	76.1 ug/m^3	**7/25/2025**	

PROJECT TITLE:

Novato Costco
Const NO2 Mitigated 1hour 1H8



PLOT FILE OF 8TH-HIGHEST MAX DAILY 1-HR VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ug/m^3

Max: 60.8 [ug/m^3] at (539364.00, 4215578.00)



COMMENTS:	SOURCES: **10**	COMPANY NAME:	
	RECEPTORS: **2612**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:6,093 0 0.2 km	
	MAX: **60.8 ug/m^3**	DATE: **7/25/2025**	PROJECT NO.:

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/17/2025
** FILE: C:\LAKES\PROJECT FILES\NOVATO CONST NO2 MIT 1HR JULY 2025\NOVATO CONST NO2 MIT 1HR JULY 2025.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -
   TITLETWO NOVATO CONSTRUCTION NO2 MITIGATED
   MODELOPT DFAULT CONC ARM2
   AVERTIME 1
   URBANOPT 260206 2021_MARIN_COUNTY_POPULATION
   POLLUTID NO2
   FLAGPOLE 1.50
   RUNORNOT RUN
** NO2 CONVERSION OPTIONS
   ARMRATIO 0.500 0.900
   ERRORFIL "NOVATO CONST NO2 MIT 1HR JULY 2025.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK1HR
** DESCRSRC ROWLAND BLVD FROM FREEWAY
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 2.5078E-07
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 6
** 538657.948, 4216141.138, 8.89, 3.40, 18.60
** 538850.641, 4216298.644, 6.34, 3.40, 18.60
** 538921.746, 4216318.956, 6.00, 3.40, 18.60
** 538960.234, 4216316.307, 5.94, 3.40, 18.60
** 539001.445, 4216303.671, 5.69, 3.40, 18.60
** 539021.552, 4216281.888, 5.26, 3.40, 18.60
** ------------------------------------------------------------------
   LOCATION L0000767     VOLUME   538665.690 4216147.467 9.10
   LOCATION L0000768     VOLUME   538696.661 4216172.782 8.41
   LOCATION L0000769     VOLUME   538727.631 4216198.097 7.71
   LOCATION L0000770     VOLUME   538758.601 4216223.411 7.25
   LOCATION L0000771     VOLUME   538789.572 4216248.726 7.02
   LOCATION L0000772     VOLUME   538820.542 4216274.041 6.62
   LOCATION L0000773     VOLUME   538851.723 4216298.953 5.92
   LOCATION L0000774     VOLUME   538890.184 4216309.940 5.39
   LOCATION L0000775     VOLUME   538928.905 4216318.464 4.96
   LOCATION L0000776     VOLUME   538968.453 4216313.787 4.79
   LOCATION L0000777     VOLUME   539005.170 4216299.636 4.74
```

```
** END OF LINE VOLUME SOURCE ID = TK1HR
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = WKR1HR
** DESCRSRC ROWLAND BLVD FROM FREEWAY
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.1622E-06
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 6
** 538657.948, 4216141.138, 8.89, 1.30, 18.60
** 538850.641, 4216298.644, 6.34, 1.30, 18.60
** 538921.746, 4216318.956, 6.00, 1.30, 18.60
** 538960.234, 4216316.307, 5.94, 1.30, 18.60
** 539001.445, 4216303.671, 5.69, 1.30, 18.60
** 539021.552, 4216281.888, 5.26, 1.30, 18.60
** ----------------------------------------------------------------------
   LOCATION L0000789     VOLUME   538665.690 4216147.467 9.10
   LOCATION L0000790     VOLUME   538696.661 4216172.782 8.41
   LOCATION L0000791     VOLUME   538727.631 4216198.097 7.71
   LOCATION L0000792     VOLUME   538758.601 4216223.411 7.25
   LOCATION L0000793     VOLUME   538789.572 4216248.726 7.02
   LOCATION L0000794     VOLUME   538820.542 4216274.041 6.62
   LOCATION L0000795     VOLUME   538851.723 4216298.953 5.92
   LOCATION L0000796     VOLUME   538890.184 4216309.940 5.39
   LOCATION L0000797     VOLUME   538928.905 4216318.464 4.96
   LOCATION L0000798     VOLUME   538968.453 4216313.787 4.79
   LOCATION L0000799     VOLUME   539005.170 4216299.636 4.74
** END OF LINE VOLUME SOURCE ID = WKR1HR
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK2HR
** DESCRSRC ROWLAND ONSITE
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 5.9893E-07
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 7
** 539024.915, 4216286.505, 5.24, 3.40, 13.95
** 539082.289, 4216221.776, 5.94, 3.40, 13.95
** 539158.277, 4216114.182, 6.10, 3.40, 13.95
** 539531.663, 4215561.599, 8.26, 3.40, 13.95
** 539487.368, 4215529.546, 8.50, 3.40, 13.95
** 539433.749, 4215494.358, 9.68, 3.40, 13.95
** 539401.913, 4215484.305, 9.86, 3.40, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001198     VOLUME   539029.890 4216280.892 4.82
   LOCATION L0001199     VOLUME   539049.789 4216258.442 5.06
   LOCATION L0001200     VOLUME   539069.689 4216235.992 5.31
   LOCATION L0001201     VOLUME   539088.637 4216212.788 5.56
   LOCATION L0001202     VOLUME   539105.943 4216188.283 5.69
   LOCATION L0001203     VOLUME   539123.250 4216163.778 5.63
   LOCATION L0001204     VOLUME   539140.556 4216139.273 5.59
   LOCATION L0001205     VOLUME   539157.863 4216114.769 5.67
   LOCATION L0001206     VOLUME   539174.671 4216089.920 5.89
   LOCATION L0001207     VOLUME   539191.468 4216065.062 6.11
   LOCATION L0001208     VOLUME   539208.264 4216040.205 6.19
   LOCATION L0001209     VOLUME   539225.060 4216015.348 6.15
   LOCATION L0001210     VOLUME   539241.857 4215990.491 6.00
   LOCATION L0001211     VOLUME   539258.653 4215965.633 6.24
   LOCATION L0001212     VOLUME   539275.449 4215940.776 6.51
   LOCATION L0001213     VOLUME   539292.245 4215915.919 6.78
   LOCATION L0001214     VOLUME   539309.042 4215891.062 7.00
   LOCATION L0001215     VOLUME   539325.838 4215866.204 6.89
   LOCATION L0001216     VOLUME   539342.634 4215841.347 6.84
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   LOCATION L0001217     VOLUME   539359.431 4215816.490 6.91
   LOCATION L0001218     VOLUME   539376.227 4215791.632 7.13
   LOCATION L0001219     VOLUME   539393.023 4215766.775 7.33
   LOCATION L0001220     VOLUME   539409.820 4215741.918 7.37
   LOCATION L0001221     VOLUME   539426.616 4215717.061 7.41
   LOCATION L0001222     VOLUME   539443.412 4215692.203 7.40
   LOCATION L0001223     VOLUME   539460.208 4215667.346 7.49
   LOCATION L0001224     VOLUME   539477.005 4215642.489 7.59
   LOCATION L0001225     VOLUME   539493.801 4215617.631 7.58
   LOCATION L0001226     VOLUME   539510.597 4215592.774 7.62
   LOCATION L0001227     VOLUME   539527.394 4215567.917 7.66
   LOCATION L0001228     VOLUME   539513.536 4215548.482 8.06
   LOCATION L0001229     VOLUME   539489.232 4215530.895 8.59
   LOCATION L0001230     VOLUME   539464.210 4215514.348 8.98
   LOCATION L0001231     VOLUME   539439.129 4215497.889 9.10
   LOCATION L0001232     VOLUME   539411.278 4215487.262 9.30
** END OF LINE VOLUME SOURCE ID = TK2HR
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = WKR2HR
** DESCRSRC ROWLAND ONSITE - ANNUAL
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 2.7757E-06
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 7
** 539024.915, 4216286.505, 5.24, 1.30, 13.95
** 539076.784, 4216226.292, 5.96, 1.30, 13.95
** 539158.277, 4216114.182, 6.10, 1.30, 13.95
** 539531.663, 4215561.599, 8.26, 1.30, 13.95
** 539487.368, 4215529.546, 8.50, 1.30, 13.95
** 539433.749, 4215494.358, 9.68, 1.30, 13.95
** 539401.913, 4215484.305, 9.86, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001128     VOLUME   539029.810 4216280.823 4.82
   LOCATION L0001129     VOLUME   539049.390 4216258.093 5.07
   LOCATION L0001130     VOLUME   539068.970 4216235.364 5.31
   LOCATION L0001131     VOLUME   539087.384 4216211.711 5.57
   LOCATION L0001132     VOLUME   539105.023 4216187.444 5.71
   LOCATION L0001133     VOLUME   539122.662 4216163.178 5.64
   LOCATION L0001134     VOLUME   539140.301 4216138.911 5.59
   LOCATION L0001135     VOLUME   539157.941 4216114.645 5.67
   LOCATION L0001136     VOLUME   539174.753 4216089.799 5.89
   LOCATION L0001137     VOLUME   539191.549 4216064.942 6.11
   LOCATION L0001138     VOLUME   539208.346 4216040.085 6.19
   LOCATION L0001139     VOLUME   539225.142 4216015.227 6.15
   LOCATION L0001140     VOLUME   539241.938 4215990.370 6.00
   LOCATION L0001141     VOLUME   539258.734 4215965.513 6.24
   LOCATION L0001142     VOLUME   539275.531 4215940.655 6.51
   LOCATION L0001143     VOLUME   539292.327 4215915.798 6.78
   LOCATION L0001144     VOLUME   539309.123 4215890.941 7.00
   LOCATION L0001145     VOLUME   539325.920 4215866.084 6.89
   LOCATION L0001146     VOLUME   539342.716 4215841.226 6.84
   LOCATION L0001147     VOLUME   539359.512 4215816.369 6.91
   LOCATION L0001148     VOLUME   539376.309 4215791.512 7.13
   LOCATION L0001149     VOLUME   539393.105 4215766.654 7.33
   LOCATION L0001150     VOLUME   539409.901 4215741.797 7.37
   LOCATION L0001151     VOLUME   539426.697 4215716.940 7.41
   LOCATION L0001152     VOLUME   539443.494 4215692.083 7.40
   LOCATION L0001153     VOLUME   539460.290 4215667.225 7.49
   LOCATION L0001154     VOLUME   539477.086 4215642.368 7.59
   LOCATION L0001155     VOLUME   539493.883 4215617.511 7.58
   LOCATION L0001156     VOLUME   539510.679 4215592.653 7.62
   LOCATION L0001157     VOLUME   539527.475 4215567.796 7.66
   LOCATION L0001158     VOLUME   539513.418 4215548.396 8.07
   LOCATION L0001159     VOLUME   539489.114 4215530.809 8.59
   LOCATION L0001160     VOLUME   539464.088 4215514.268 8.98
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   LOCATION L0001161     VOLUME   539439.007 4215497.809 9.10
   LOCATION L0001162     VOLUME   539411.139 4215487.218 9.30
** END OF LINE VOLUME SOURCE ID = WKR2HR
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CON1HR
** DESCRSRC DEMO, PAVING, GRADING
** PREFIX
** LENGTH OF SIDE = 6.10
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0546830802
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 22
** 539387.365, 4215492.296, 9.88, 1.30, 5.67
** 539357.880, 4215576.483, 9.55, 1.30, 5.67
** 539275.051, 4215517.513, 10.12, 1.30, 5.67
** 539296.971, 4215501.413, 10.38, 1.30, 5.67
** 539324.516, 4215491.326, 10.25, 1.30, 5.67
** 539354.777, 4215488.610, 10.19, 1.30, 5.67
** 539380.188, 4215489.580, 9.90, 1.30, 5.67
** 539354.001, 4215563.875, 9.56, 1.30, 5.67
** 539285.526, 4215517.125, 9.95, 1.30, 5.67
** 539307.252, 4215505.292, 10.34, 1.30, 5.67
** 539347.017, 4215497.339, 10.22, 1.30, 5.67
** 539367.385, 4215496.175, 10.19, 1.30, 5.67
** 539350.703, 4215550.490, 9.59, 1.30, 5.67
** 539302.790, 4215518.677, 9.97, 1.30, 5.67
** 539323.740, 4215506.262, 10.29, 1.30, 5.67
** 539358.462, 4215500.831, 10.21, 1.30, 5.67
** 539342.944, 4215542.925, 9.74, 1.30, 5.67
** 539319.860, 4215519.453, 9.99, 1.30, 5.67
** 539332.663, 4215510.918, 9.89, 1.30, 5.67
** 539347.017, 4215510.530, 9.68, 1.30, 5.67
** 539340.616, 4215528.958, 9.81, 1.30, 5.67
** 539329.559, 4215521.393, 9.95, 1.30, 5.67
** ----------------------------------------------------------------
   LOCATION L0001374     VOLUME   539386.358 4215495.172 9.36
   LOCATION L0001375     VOLUME   539382.328 4215506.679 9.29
   LOCATION L0001376     VOLUME   539378.298 4215518.186 9.22
   LOCATION L0001377     VOLUME   539374.268 4215529.693 9.17
   LOCATION L0001378     VOLUME   539370.238 4215541.199 9.10
   LOCATION L0001379     VOLUME   539366.208 4215552.706 9.03
   LOCATION L0001380     VOLUME   539362.178 4215564.213 8.96
   LOCATION L0001381     VOLUME   539358.148 4215575.719 8.89
   LOCATION L0001382     VOLUME   539348.608 4215569.882 9.08
   LOCATION L0001383     VOLUME   539338.676 4215562.811 9.29
   LOCATION L0001384     VOLUME   539328.744 4215555.740 9.50
   LOCATION L0001385     VOLUME   539318.812 4215548.668 9.72
   LOCATION L0001386     VOLUME   539308.880 4215541.597 9.83
   LOCATION L0001387     VOLUME   539298.948 4215534.526 9.90
   LOCATION L0001388     VOLUME   539289.016 4215527.455 9.98
   LOCATION L0001389     VOLUME   539279.084 4215520.384 10.03
   LOCATION L0001390     VOLUME   539280.887 4215513.226 10.07
   LOCATION L0001391     VOLUME   539290.713 4215506.009 10.07
   LOCATION L0001392     VOLUME   539301.129 4215499.890 10.06
   LOCATION L0001393     VOLUME   539312.577 4215495.698 10.02
   LOCATION L0001394     VOLUME   539324.026 4215491.505 9.93
   LOCATION L0001395     VOLUME   539336.139 4215490.283 9.83
   LOCATION L0001396     VOLUME   539348.283 4215489.193 9.74
   LOCATION L0001397     VOLUME   539360.444 4215488.826 9.64
   LOCATION L0001398     VOLUME   539372.627 4215489.292 9.54
   LOCATION L0001399     VOLUME   539378.650 4215493.943 9.44
   LOCATION L0001400     VOLUME   539374.597 4215505.441 9.38
   LOCATION L0001401     VOLUME   539370.544 4215516.940 9.33
   LOCATION L0001402     VOLUME   539366.491 4215528.439 9.29
   LOCATION L0001403     VOLUME   539362.438 4215539.937 9.22
   LOCATION L0001404     VOLUME   539358.385 4215551.436 9.15
   LOCATION L0001405     VOLUME   539354.332 4215562.934 9.08
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   LOCATION L0001406     VOLUME   539344.755 4215557.562 9.27
   LOCATION L0001407     VOLUME   539334.686 4215550.688 9.48
   LOCATION L0001408     VOLUME   539324.617 4215543.813 9.69
   LOCATION L0001409     VOLUME   539314.547 4215536.939 9.88
   LOCATION L0001410     VOLUME   539304.478 4215530.065 9.95
   LOCATION L0001411     VOLUME   539294.409 4215523.190 10.01
   LOCATION L0001412     VOLUME   539286.787 4215516.439 10.04
   LOCATION L0001413     VOLUME   539297.493 4215510.607 10.04
   LOCATION L0001414     VOLUME   539308.311 4215505.081 10.02
   LOCATION L0001415     VOLUME   539320.266 4215502.690 9.96
   LOCATION L0001416     VOLUME   539332.222 4215500.298 9.84
   LOCATION L0001417     VOLUME   539344.177 4215497.907 9.73
   LOCATION L0001418     VOLUME   539356.297 4215496.809 9.63
   LOCATION L0001419     VOLUME   539367.067 4215497.213 9.52
   LOCATION L0001420     VOLUME   539363.487 4215508.868 9.47
   LOCATION L0001421     VOLUME   539359.907 4215520.523 9.44
   LOCATION L0001422     VOLUME   539356.328 4215532.177 9.38
   LOCATION L0001423     VOLUME   539352.748 4215543.832 9.31
   LOCATION L0001424     VOLUME   539346.348 4215547.598 9.35
   LOCATION L0001425     VOLUME   539336.191 4215540.855 9.56
   LOCATION L0001426     VOLUME   539326.034 4215534.111 9.78
   LOCATION L0001427     VOLUME   539315.877 4215527.367 9.98
   LOCATION L0001428     VOLUME   539305.720 4215520.623 10.01
   LOCATION L0001429     VOLUME   539310.253 4215514.255 10.01
   LOCATION L0001430     VOLUME   539320.741 4215508.039 9.95
   LOCATION L0001431     VOLUME   539332.342 4215504.917 9.83
   LOCATION L0001432     VOLUME   539344.387 4215503.033 9.71
   LOCATION L0001433     VOLUME   539356.433 4215501.148 9.60
   LOCATION L0001434     VOLUME   539354.956 4215510.343 9.56
   LOCATION L0001435     VOLUME   539350.738 4215521.782 9.55
   LOCATION L0001436     VOLUME   539346.521 4215533.222 9.51
   LOCATION L0001437     VOLUME   539341.646 4215541.605 9.48
   LOCATION L0001438     VOLUME   539333.097 4215532.913 9.69
   LOCATION L0001439     VOLUME   539324.549 4215524.220 9.89
   LOCATION L0001440     VOLUME   539324.441 4215516.399 9.90
   LOCATION L0001441     VOLUME   539334.973 4215510.855 9.79
   LOCATION L0001442     VOLUME   539346.971 4215510.665 9.65
   LOCATION L0001443     VOLUME   539342.970 4215522.182 9.65
   LOCATION L0001444     VOLUME   539336.474 4215526.124 9.72
** END OF LINE VOLUME SOURCE ID = CON1HR
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = TK1HR
   SRCPARAM L0000767     0.0000000228      3.40     18.60      3.16
   SRCPARAM L0000768     0.0000000228      3.40     18.60      3.16
   SRCPARAM L0000769     0.0000000228      3.40     18.60      3.16
   SRCPARAM L0000770     0.0000000228      3.40     18.60      3.16
   SRCPARAM L0000771     0.0000000228      3.40     18.60      3.16
   SRCPARAM L0000772     0.0000000228      3.40     18.60      3.16
   SRCPARAM L0000773     0.0000000228      3.40     18.60      3.16
   SRCPARAM L0000774     0.0000000228      3.40     18.60      3.16
   SRCPARAM L0000775     0.0000000228      3.40     18.60      3.16
   SRCPARAM L0000776     0.0000000228      3.40     18.60      3.16
   SRCPARAM L0000777     0.0000000228      3.40     18.60      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = WKR1HR
   SRCPARAM L0000789     0.0000001057      1.30     18.60      1.21
   SRCPARAM L0000790     0.0000001057      1.30     18.60      1.21
   SRCPARAM L0000791     0.0000001057      1.30     18.60      1.21
   SRCPARAM L0000792     0.0000001057      1.30     18.60      1.21
   SRCPARAM L0000793     0.0000001057      1.30     18.60      1.21
   SRCPARAM L0000794     0.0000001057      1.30     18.60      1.21
   SRCPARAM L0000795     0.0000001057      1.30     18.60      1.21
   SRCPARAM L0000796     0.0000001057      1.30     18.60      1.21
   SRCPARAM L0000797     0.0000001057      1.30     18.60      1.21
   SRCPARAM L0000798     0.0000001057      1.30     18.60      1.21
   SRCPARAM L0000799     0.0000001057      1.30     18.60      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = TK2HR
   SRCPARAM L0001198     0.00000001711      3.40     13.95      3.16
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   SRCPARAM L0001199     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001200     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001201     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001202     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001203     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001204     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001205     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001206     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001207     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001208     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001209     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001210     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001211     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001212     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001213     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001214     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001215     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001216     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001217     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001218     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001219     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001220     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001221     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001222     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001223     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001224     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001225     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001226     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001227     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001228     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001229     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001230     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001231     0.00000001711      3.40     13.95      3.16
   SRCPARAM L0001232     0.00000001711      3.40     13.95      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = WKR2HR
   SRCPARAM L0001128     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001129     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001130     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001131     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001132     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001133     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001134     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001135     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001136     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001137     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001138     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001139     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001140     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001141     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001142     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001143     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001144     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001145     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001146     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001147     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001148     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001149     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001150     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001151     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001152     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001153     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001154     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001155     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001156     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001157     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001158     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001159     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001160     0.0000000793      1.30     13.95      1.21
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   SRCPARAM L0001161     0.0000000793      1.30     13.95      1.21
   SRCPARAM L0001162     0.0000000793      1.30     13.95      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = CON1HR
   SRCPARAM L0001374     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001375     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001376     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001377     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001378     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001379     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001380     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001381     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001382     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001383     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001384     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001385     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001386     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001387     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001388     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001389     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001390     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001391     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001392     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001393     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001394     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001395     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001396     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001397     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001398     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001399     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001400     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001401     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001402     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001403     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001404     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001405     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001406     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001407     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001408     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001409     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001410     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001411     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001412     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001413     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001414     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001415     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001416     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001417     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001418     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001419     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001420     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001421     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001422     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001423     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001424     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001425     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001426     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001427     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001428     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001429     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001430     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001431     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001432     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001433     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001434     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001435     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001436     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001437     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001438     0.0007701842      1.30      5.67      1.21
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   SRCPARAM L0001441     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001442     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001443     0.0007701842      1.30      5.67      1.21
   SRCPARAM L0001444     0.0007701842      1.30      5.67      1.21
** ------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "CONSTRUCTION"
** WEEKDAYS:
   EMISFACT L0000767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000767     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000767     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000768     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000768     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000769     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000769     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000770     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000770     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000770     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000770     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000771     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000771     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000771     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000771     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000772     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000772     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000772     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000772     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000773     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000773     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000773     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000773     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000774     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000774     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000775     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000775     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000776     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000776     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000777     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000777     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0000767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000770     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000770     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000770     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000770     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000771     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000771     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000771     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000771     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000772     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000772     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000772     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000772     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000773     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000773     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000773     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000773     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000767     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000768     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000769     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000770     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000770     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000770     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000770     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000771     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000771     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000771     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000771     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000772     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000772     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000772     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000772     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000773     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000773     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000773     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000773     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000774     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000775     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000776     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000777     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001198     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001198     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001199     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001205     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001206     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001208     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001209     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001210     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001211     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001212     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001212     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001213     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001213     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001214     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001214     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001215     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001215     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001215     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001215     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001216     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001216     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001217     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001217     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001219     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001220     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001220     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001220     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001220     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001221     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001221     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001221     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001221     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001222     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001222     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001222     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001222     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001223     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001223     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001223     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001223     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001224     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001224     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001224     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001224     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001225     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001225     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001226     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001226     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001226     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001226     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001227     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001227     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001228     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001228     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001229     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001229     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001229     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001229     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001230     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001230     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001231     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001231     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001232     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001232     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
    EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001200     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001200     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001200     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001200     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001203     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001203     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001203     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001203     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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    EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001220     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001220     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001221     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001224     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001226     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001226     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001226     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001226     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001229     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001229     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001229     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001229     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001200     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001200     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001200     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001200     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001202     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001203     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001203     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001203     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001203     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001211     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001225     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001227     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001228     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001377     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001377     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001438     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001438     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** SATURDAY:
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   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SUNDAY:
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    EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000789     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000789     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000789     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000790     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000790     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000791     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000791     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000792     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000792     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000793     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000794     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000794     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000795     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000797     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000798     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000798     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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** SATURDAY:
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   EMISFACT L0000789     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000789     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000789     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000790     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000791     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000795     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000795     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000796     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000796     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000796     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000796     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000797     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000797     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000797     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000797     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000798     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000798     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000798     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000798     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000799     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000799     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000799     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000799     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000789     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000789     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000789     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000789     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000790     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000790     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000790     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000790     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000791     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000791     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000791     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000791     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000792     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000792     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000792     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000792     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000793     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000793     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000793     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000793     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000794     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000794     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000794     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000794     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000795     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000795     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000795     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000795     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000796     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000796     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000796     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000796     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000797     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000797     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000797     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000797     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000798     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000798     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000798     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000798     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000799     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000799     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000799     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000799     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001131     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001131     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001132     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001132     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001133     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001133     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001134     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001134     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001135     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001135     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001136     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001136     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001137     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001137     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001138     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001138     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001139     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001139     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001140     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001140     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001141     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001142     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001142     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001143     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001143     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001143     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001144     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001144     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001144     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001145     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001145     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001145     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001146     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001147     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001147     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001148     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001150     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001150     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001150     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001150     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001151     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001151     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001151     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001151     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001152     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001152     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001153     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001153     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001154     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001154     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001155     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001156     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001157     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001158     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001159     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001160     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001160     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001161     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001161     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001162     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001162     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001136     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001137     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001138     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001139     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001140     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001141     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001142     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SUNDAY:
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SRCGROUP CON1HR   L0001386 L0001387 L0001388 L0001389 L0001390 L0001391
SRCGROUP CON1HR   L0001392 L0001393 L0001394 L0001395 L0001396 L0001397
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SRCGROUP CON1HR   L0001410 L0001411 L0001412 L0001413 L0001414 L0001415
SRCGROUP CON1HR   L0001416 L0001417 L0001418 L0001419 L0001420 L0001421
SRCGROUP CON1HR   L0001422 L0001423 L0001424 L0001425 L0001426 L0001427
SRCGROUP CON1HR   L0001428 L0001429 L0001430 L0001431 L0001432 L0001433
SRCGROUP CON1HR   L0001434 L0001435 L0001436 L0001437 L0001438 L0001439
SRCGROUP CON1HR   L0001440 L0001441 L0001442 L0001443 L0001444
SRCGROUP TK1HR    L0000767 L0000768 L0000769 L0000770 L0000771 L0000772
SRCGROUP TK1HR    L0000773 L0000774 L0000775 L0000776 L0000777
SRCGROUP TK2HR    L0001198 L0001199 L0001200 L0001201 L0001202 L0001203
SRCGROUP TK2HR    L0001204 L0001205 L0001206 L0001207 L0001208 L0001209
SRCGROUP TK2HR    L0001210 L0001211 L0001212 L0001213 L0001214 L0001215
SRCGROUP TK2HR    L0001216 L0001217 L0001218 L0001219 L0001220 L0001221
SRCGROUP TK2HR    L0001222 L0001223 L0001224 L0001225 L0001226 L0001227
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   SRCGROUP WKR1HR   L0000795 L0000796 L0000797 L0000798 L0000799
   SRCGROUP WKR2HR   L0001128 L0001129 L0001130 L0001131 L0001132 L0001133
   SRCGROUP WKR2HR   L0001134 L0001135 L0001136 L0001137 L0001138 L0001139
   SRCGROUP WKR2HR   L0001140 L0001141 L0001142 L0001143 L0001144 L0001145
   SRCGROUP WKR2HR   L0001146 L0001147 L0001148 L0001149 L0001150 L0001151
   SRCGROUP WKR2HR   L0001152 L0001153 L0001154 L0001155 L0001156 L0001157
   SRCGROUP WKR2HR   L0001158 L0001159 L0001160 L0001161 L0001162
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED "NOVATO CONST NO2 MIT 1HR JULY 2025.ROU"
RE FINISHED
**
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** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE "..\NOVATO CONST NO2 MIT JULY 2025\NOVATO CONST NO2 MIT JULY 2025.SFC"
   PROFFILE "..\NOVATO CONST NO2 MIT JULY 2025\NOVATO CONST NO2 MIT JULY 2025.PFL"
   SURFDATA 72040 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 1.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H1GALL.PLT" 31
   PLOTFILE   1 CON1HR 1ST "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H1G001.PLT" 32
   PLOTFILE   1 TK1HR 1ST "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H1G002.PLT" 33
   PLOTFILE   1 TK2HR 1ST "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H1G003.PLT" 34
   PLOTFILE   1 WKR1HR 1ST "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H1G004.PLT" 35
   PLOTFILE   1 WKR2HR 1ST "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H1G005.PLT" 36
   PLOTFILE   1 ALL 8TH "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H8GALL.PLT" 37
   PLOTFILE   1 CON1HR 8TH "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H8G001.PLT" 38
   PLOTFILE   1 TK1HR 8TH "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H8G002.PLT" 39
   PLOTFILE   1 TK2HR 8TH "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H8G003.PLT" 40
   PLOTFILE   1 WKR1HR 8TH "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H8G004.PLT" 41
   PLOTFILE   1 WKR2HR 8TH "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\01H8G005.PLT" 42
   MXDYBYYR ALL "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MXDYBYYR_ALL_NO2.DAT" 43
   MXDYBYYR CON1HR "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MXDYBYYR_CON1HR_NO2.DAT" 44
   MXDYBYYR TK1HR "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MXDYBYYR_TK1HR_NO2.DAT" 45
   MXDYBYYR TK2HR "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MXDYBYYR_TK2HR_NO2.DAT" 46
   MXDYBYYR WKR1HR "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MXDYBYYR_WKR1HR_NO2.DAT" 47
   MXDYBYYR WKR2HR "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MXDYBYYR_WKR2HR_NO2.DAT" 48
   MAXDAILY ALL "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MAXDAILY_ALL_NO2.DAT" 49
   MAXDAILY CON1HR "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MAXDAILY_CON1HR_NO2.DAT" 50
   MAXDAILY TK1HR "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MAXDAILY_TK1HR_NO2.DAT" 51
   MAXDAILY TK2HR "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MAXDAILY_TK2HR_NO2.DAT" 52
   MAXDAILY WKR1HR "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MAXDAILY_WKR1HR_NO2.DAT" 53
   MAXDAILY WKR2HR "NOVATO CONST NO2 MIT 1HR JULY 2025.AD\MAXDAILY_WKR2HR_NO2.DAT" 54
   SUMMFILE "NOVATO CONST NO2 MIT 1HR JULY 2025.SUM"
OU FINISHED
```

```
  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W187    2516       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
         with a Minimum NO2/NOx Ratio of  0.500
         and a Maximum NO2/NOx Ratio of  0.900
      * Model Uses URBAN Dispersion Algorithm for the SBL for   163 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    260206.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NO2

 **Note that special processing requirements apply for the 1-hour NO2 NAAQS - check available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged across the number of years
modeled.
   For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be simulated using the MULTYEAR
keyword.
   Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a
   single multi-year meteorological data file using STARTEND keyword.

 **Model Calculates  1 Short Term Average(s) of:   1-HR
```

```
 **This Run Includes:    163 Source(s);       6 Source Group(s); and    2612 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    163 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
         Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
         Model Outputs External File(s) of Maximum Daily 1-hr Values by Day (MAXDAILY Keyword)
         Model Outputs External File(s) of Maximum Daily 1-hr Values by Year (MXDYBYYR Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =
    0.0
                  Emission Units = GRAMS/SEC                             ;  Emission Rate Unit Factor =
0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      6.2 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   NOVATO CONST NO2 MIT 1HR JULY 2025.ERR

 **File for Summary of Results:   NOVATO CONST NO2 MIT 1HR JULY 2025.SUM

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                              *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                   BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0000767         0   0.22800E-07  538665.7 4216147.5     9.1     3.40    18.60     3.16     YES   HRDOW
NO
 L0000768         0   0.22800E-07  538696.7 4216172.8     8.4     3.40    18.60     3.16     YES   HRDOW
NO
 L0000769         0   0.22800E-07  538727.6 4216198.1     7.7     3.40    18.60     3.16     YES   HRDOW
NO
```

L0000770	0	0.22800E-07	538758.6	4216223.4	7.2	3.40	18.60	3.16	YES	HRDOW
NO										
L0000771	0	0.22800E-07	538789.6	4216248.7	7.0	3.40	18.60	3.16	YES	HRDOW
NO										
L0000772	0	0.22800E-07	538820.5	4216274.0	6.6	3.40	18.60	3.16	YES	HRDOW
NO										
L0000773	0	0.22800E-07	538851.7	4216299.0	5.9	3.40	18.60	3.16	YES	HRDOW
NO										
L0000774	0	0.22800E-07	538890.2	4216309.9	5.4	3.40	18.60	3.16	YES	HRDOW
NO										
L0000775	0	0.22800E-07	538928.9	4216318.5	5.0	3.40	18.60	3.16	YES	HRDOW
NO										
L0000776	0	0.22800E-07	538968.5	4216313.8	4.8	3.40	18.60	3.16	YES	HRDOW
NO										
L0000777	0	0.22800E-07	539005.2	4216299.6	4.7	3.40	18.60	3.16	YES	HRDOW
NO										
L0000789	0	0.10570E-06	538665.7	4216147.5	9.1	1.30	18.60	1.21	YES	HRDOW
NO										
L0000790	0	0.10570E-06	538696.7	4216172.8	8.4	1.30	18.60	1.21	YES	HRDOW
NO										
L0000791	0	0.10570E-06	538727.6	4216198.1	7.7	1.30	18.60	1.21	YES	HRDOW
NO										
L0000792	0	0.10570E-06	538758.6	4216223.4	7.2	1.30	18.60	1.21	YES	HRDOW
NO										
L0000793	0	0.10570E-06	538789.6	4216248.7	7.0	1.30	18.60	1.21	YES	HRDOW
NO										
L0000794	0	0.10570E-06	538820.5	4216274.0	6.6	1.30	18.60	1.21	YES	HRDOW
NO										
L0000795	0	0.10570E-06	538851.7	4216299.0	5.9	1.30	18.60	1.21	YES	HRDOW
NO										
L0000796	0	0.10570E-06	538890.2	4216309.9	5.4	1.30	18.60	1.21	YES	HRDOW
NO										
L0000797	0	0.10570E-06	538928.9	4216318.5	5.0	1.30	18.60	1.21	YES	HRDOW
NO										
L0000798	0	0.10570E-06	538968.5	4216313.8	4.8	1.30	18.60	1.21	YES	HRDOW
NO										
L0000799	0	0.10570E-06	539005.2	4216299.6	4.7	1.30	18.60	1.21	YES	HRDOW
NO										
L0001198	0	0.17110E-07	539029.9	4216280.9	4.8	3.40	13.95	3.16	YES	HRDOW
NO										
L0001199	0	0.17110E-07	539049.8	4216258.4	5.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001200	0	0.17110E-07	539069.7	4216236.0	5.3	3.40	13.95	3.16	YES	HRDOW
NO										
L0001201	0	0.17110E-07	539088.6	4216212.8	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001202	0	0.17110E-07	539105.9	4216188.3	5.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0001203	0	0.17110E-07	539123.2	4216163.8	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001204	0	0.17110E-07	539140.6	4216139.3	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001205	0	0.17110E-07	539157.9	4216114.8	5.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0001206	0	0.17110E-07	539174.7	4216089.9	5.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0001207	0	0.17110E-07	539191.5	4216065.1	6.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001208	0	0.17110E-07	539208.3	4216040.2	6.2	3.40	13.95	3.16	YES	HRDOW
NO										
L0001209	0	0.17110E-07	539225.1	4216015.3	6.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001210	0	0.17110E-07	539241.9	4215990.5	6.0	3.40	13.95	3.16	YES	HRDOW
NO										
L0001211	0	0.17110E-07	539258.7	4215965.6	6.2	3.40	13.95	3.16	YES	HRDOW
NO										
L0001212	0	0.17110E-07	539275.4	4215940.8	6.5	3.40	13.95	3.16	YES	HRDOW
NO										
L0001213	0	0.17110E-07	539292.2	4215915.9	6.8	3.40	13.95	3.16	YES	HRDOW

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001214	0	0.17110E-07	539309.0	4215891.1	7.0	3.40	13.95	3.16	YES	HRDOW
NO										
L0001215	0	0.17110E-07	539325.8	4215866.2	6.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0001216	0	0.17110E-07	539342.6	4215841.3	6.8	3.40	13.95	3.16	YES	HRDOW
NO										
L0001217	0	0.17110E-07	539359.4	4215816.5	6.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0001218	0	0.17110E-07	539376.2	4215791.6	7.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001219	0	0.17110E-07	539393.0	4215766.8	7.3	3.40	13.95	3.16	YES	HRDOW
NO										
L0001220	0	0.17110E-07	539409.8	4215741.9	7.4	3.40	13.95	3.16	YES	HRDOW
NO										
L0001221	0	0.17110E-07	539426.6	4215717.1	7.4	3.40	13.95	3.16	YES	HRDOW
NO										
L0001222	0	0.17110E-07	539443.4	4215692.2	7.4	3.40	13.95	3.16	YES	HRDOW
NO										
L0001223	0	0.17110E-07	539460.2	4215667.3	7.5	3.40	13.95	3.16	YES	HRDOW
NO										
L0001224	0	0.17110E-07	539477.0	4215642.5	7.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001225	0	0.17110E-07	539493.8	4215617.6	7.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001226	0	0.17110E-07	539510.6	4215592.8	7.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001227	0	0.17110E-07	539527.4	4215567.9	7.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0001228	0	0.17110E-07	539513.5	4215548.5	8.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001229	0	0.17110E-07	539489.2	4215530.9	8.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001230	0	0.17110E-07	539464.2	4215514.3	9.0	3.40	13.95	3.16	YES	HRDOW
NO										
L0001231	0	0.17110E-07	539439.1	4215497.9	9.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001232	0	0.17110E-07	539411.3	4215487.3	9.3	3.40	13.95	3.16	YES	HRDOW
NO										
L0001128	0	0.79300E-07	539029.8	4216280.8	4.8	1.30	13.95	1.21	YES	HRDOW
NO										
L0001129	0	0.79300E-07	539049.4	4216258.1	5.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0001130	0	0.79300E-07	539069.0	4216235.4	5.3	1.30	13.95	1.21	YES	HRDOW
NO										
L0001131	0	0.79300E-07	539087.4	4216211.7	5.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001132	0	0.79300E-07	539105.0	4216187.4	5.7	1.30	13.95	1.21	YES	HRDOW
NO										
L0001133	0	0.79300E-07	539122.7	4216163.2	5.6	1.30	13.95	1.21	YES	HRDOW
NO										

 L0001134   0   0.79300E-07 539140.3 4216138.9   5.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0001135   0   0.79300E-07 539157.9 4216114.6   5.7   1.30   13.95   1.21   YES   HRDOW
NO
 L0001136   0   0.79300E-07 539174.8 4216089.8   5.9   1.30   13.95   1.21   YES   HRDOW
NO
 L0001137   0   0.79300E-07 539191.5 4216064.9   6.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001138   0   0.79300E-07 539208.3 4216040.1   6.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0001139   0   0.79300E-07 539225.1 4216015.2   6.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001140   0   0.79300E-07 539241.9 4215990.4   6.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0001141   0   0.79300E-07 539258.7 4215965.5   6.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0001142   0   0.79300E-07 539275.5 4215940.7   6.5   1.30   13.95   1.21   YES   HRDOW
NO
 L0001143   0   0.79300E-07 539292.3 4215915.8   6.8   1.30   13.95   1.21   YES   HRDOW
NO
 L0001144   0   0.79300E-07 539309.1 4215890.9   7.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0001145   0   0.79300E-07 539325.9 4215866.1   6.9   1.30   13.95   1.21   YES   HRDOW
NO
 L0001146   0   0.79300E-07 539342.7 4215841.2   6.8   1.30   13.95   1.21   YES   HRDOW
NO
 L0001147   0   0.79300E-07 539359.5 4215816.4   6.9   1.30   13.95   1.21   YES   HRDOW
NO
 L0001148   0   0.79300E-07 539376.3 4215791.5   7.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001149   0   0.79300E-07 539393.1 4215766.7   7.3   1.30   13.95   1.21   YES   HRDOW
NO
 L0001150   0   0.79300E-07 539409.9 4215741.8   7.4   1.30   13.95   1.21   YES   HRDOW
NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.   INIT.   URBAN EMISSION RATE
AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY   SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)   BY
 -
- - -

 L0001151   0   0.79300E-07 539426.7 4215716.9   7.4   1.30   13.95   1.21   YES   HRDOW
NO
 L0001152   0   0.79300E-07 539443.5 4215692.1   7.4   1.30   13.95   1.21   YES   HRDOW
NO
 L0001153   0   0.79300E-07 539460.3 4215667.2   7.5   1.30   13.95   1.21   YES   HRDOW
NO
 L0001154   0   0.79300E-07 539477.1 4215642.4   7.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0001155   0   0.79300E-07 539493.9 4215617.5   7.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0001156   0   0.79300E-07 539510.7 4215592.7   7.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0001157   0   0.79300E-07 539527.5 4215567.8   7.7   1.30   13.95   1.21   YES   HRDOW
NO
 L0001158   0   0.79300E-07 539513.4 4215548.4   8.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001159   0   0.79300E-07 539489.1 4215530.8   8.6   1.30   13.95   1.21   YES   HRDOW

NO
 L0001160   0   0.79300E-07 539464.1 4215514.3   9.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0001161   0   0.79300E-07 539439.0 4215497.8   9.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001162   0   0.79300E-07 539411.1 4215487.2   9.3   1.30   13.95   1.21   YES   HRDOW
NO
 L0001374   0   0.77018E-03 539386.4 4215495.2   9.4   1.30   5.67   1.21   YES   HRDOW
NO
 L0001375   0   0.77018E-03 539382.3 4215506.7   9.3   1.30   5.67   1.21   YES   HRDOW
NO
 L0001376   0   0.77018E-03 539378.3 4215518.2   9.2   1.30   5.67   1.21   YES   HRDOW
NO
 L0001377   0   0.77018E-03 539374.3 4215529.7   9.2   1.30   5.67   1.21   YES   HRDOW
NO
 L0001378   0   0.77018E-03 539370.2 4215541.2   9.1   1.30   5.67   1.21   YES   HRDOW
NO
 L0001379   0   0.77018E-03 539366.2 4215552.7   9.0   1.30   5.67   1.21   YES   HRDOW
NO
 L0001380   0   0.77018E-03 539362.2 4215564.2   9.0   1.30   5.67   1.21   YES   HRDOW
NO
 L0001381   0   0.77018E-03 539358.1 4215575.7   8.9   1.30   5.67   1.21   YES   HRDOW
NO
 L0001382   0   0.77018E-03 539348.6 4215569.9   9.1   1.30   5.67   1.21   YES   HRDOW
NO
 L0001383   0   0.77018E-03 539338.7 4215562.8   9.3   1.30   5.67   1.21   YES   HRDOW
NO
 L0001384   0   0.77018E-03 539328.7 4215555.7   9.5   1.30   5.67   1.21   YES   HRDOW
NO
 L0001385   0   0.77018E-03 539318.8 4215548.7   9.7   1.30   5.67   1.21   YES   HRDOW
NO
 L0001386   0   0.77018E-03 539308.9 4215541.6   9.8   1.30   5.67   1.21   YES   HRDOW
NO
 L0001387   0   0.77018E-03 539298.9 4215534.5   9.9   1.30   5.67   1.21   YES   HRDOW
NO
 L0001388   0   0.77018E-03 539289.0 4215527.5   10.0   1.30   5.67   1.21   YES   HRDOW
NO
 L0001389   0   0.77018E-03 539279.1 4215520.4   10.0   1.30   5.67   1.21   YES   HRDOW
NO
 L0001390   0   0.77018E-03 539280.9 4215513.2   10.1   1.30   5.67   1.21   YES   HRDOW
NO
 L0001391   0   0.77018E-03 539290.7 4215506.0   10.1   1.30   5.67   1.21   YES   HRDOW
NO
 L0001392   0   0.77018E-03 539301.1 4215499.9   10.1   1.30   5.67   1.21   YES   HRDOW
NO
 L0001393   0   0.77018E-03 539312.6 4215495.7   10.0   1.30   5.67   1.21   YES   HRDOW
NO
 L0001394   0   0.77018E-03 539324.0 4215491.5   9.9   1.30   5.67   1.21   YES   HRDOW
NO
 L0001395   0   0.77018E-03 539336.1 4215490.3   9.8   1.30   5.67   1.21   YES   HRDOW
NO
 L0001396   0   0.77018E-03 539348.3 4215489.2   9.7   1.30   5.67   1.21   YES   HRDOW
NO
 L0001397   0   0.77018E-03 539360.4 4215488.8   9.6   1.30   5.67   1.21   YES   HRDOW
NO
 L0001398   0   0.77018E-03 539372.6 4215489.3   9.5   1.30   5.67   1.21   YES   HRDOW
NO
 L0001399   0   0.77018E-03 539378.7 4215493.9   9.4   1.30   5.67   1.21   YES   HRDOW
NO
 L0001400   0   0.77018E-03 539374.6 4215505.4   9.4   1.30   5.67   1.21   YES   HRDOW
NO
 L0001401   0   0.77018E-03 539370.5 4215516.9   9.3   1.30   5.67   1.21   YES   HRDOW
NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001402	0	0.77018E-03	539366.5	4215528.4	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001403	0	0.77018E-03	539362.4	4215539.9	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001404	0	0.77018E-03	539358.4	4215551.4	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001405	0	0.77018E-03	539354.3	4215562.9	9.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001406	0	0.77018E-03	539344.8	4215557.6	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001407	0	0.77018E-03	539334.7	4215550.7	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001408	0	0.77018E-03	539324.6	4215543.8	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001409	0	0.77018E-03	539314.5	4215536.9	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0001410	0	0.77018E-03	539304.5	4215530.1	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001411	0	0.77018E-03	539294.4	4215523.2	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001412	0	0.77018E-03	539286.8	4215516.4	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001413	0	0.77018E-03	539297.5	4215510.6	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001414	0	0.77018E-03	539308.3	4215505.1	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001415	0	0.77018E-03	539320.3	4215502.7	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001416	0	0.77018E-03	539332.2	4215500.3	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0001417	0	0.77018E-03	539344.2	4215497.9	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001418	0	0.77018E-03	539356.3	4215496.8	9.6	1.30	5.67	1.21	YES	HRDOW
NO										
L0001419	0	0.77018E-03	539367.1	4215497.2	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001420	0	0.77018E-03	539363.5	4215508.9	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001421	0	0.77018E-03	539359.9	4215520.5	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001422	0	0.77018E-03	539356.3	4215532.2	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001423	0	0.77018E-03	539352.7	4215543.8	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001424	0	0.77018E-03	539346.3	4215547.6	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001425	0	0.77018E-03	539336.2	4215540.9	9.6	1.30	5.67	1.21	YES	HRDOW
NO										
L0001426	0	0.77018E-03	539326.0	4215534.1	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0001427	0	0.77018E-03	539315.9	4215527.4	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001428	0	0.77018E-03	539305.7	4215520.6	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001429	0	0.77018E-03	539310.3	4215514.3	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001430	0	0.77018E-03	539320.7	4215508.0	10.0	1.30	5.67	1.21	YES	HRDOW

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NO
 L0001431         0   0.77018E-03  539332.3 4215504.9     9.8     1.30     5.67     1.21     YES   HRDOW
NO
 L0001432         0   0.77018E-03  539344.4 4215503.0     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001433         0   0.77018E-03  539356.4 4215501.1     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001434         0   0.77018E-03  539355.0 4215510.3     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001435         0   0.77018E-03  539350.7 4215521.8     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001436         0   0.77018E-03  539346.5 4215533.2     9.5     1.30     5.67     1.21     YES   HRDOW
NO
 L0001437         0   0.77018E-03  539341.6 4215541.6     9.5     1.30     5.67     1.21     YES   HRDOW
NO
 L0001438         0   0.77018E-03  539333.1 4215532.9     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001439         0   0.77018E-03  539324.5 4215524.2     9.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0001440         0   0.77018E-03  539324.4 4215516.4     9.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0001441         0   0.77018E-03  539335.0 4215510.9     9.8     1.30     5.67     1.21     YES   HRDOW
NO
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                          *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0001442         0   0.77018E-03  539347.0 4215510.7     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001443         0   0.77018E-03  539343.0 4215522.2     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001444         0   0.77018E-03  539336.5 4215526.1     9.7     1.30     5.67     1.21     YES   HRDOW
NO
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                    *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                         SOURCE IDs
 -----------                                         ----------


  CON1HR      L0001374    , L0001375    , L0001376    , L0001377    , L0001378    , L0001379    , L0001380    ,
L0001381    ,

              L0001382    , L0001383    , L0001384    , L0001385    , L0001386    , L0001387    , L0001388    ,
L0001389    ,

              L0001390    , L0001391    , L0001392    , L0001393    , L0001394    , L0001395    , L0001396    ,
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L0001397    ,

             L0001398    , L0001399    , L0001400    , L0001401    , L0001402    , L0001403    , L0001404    ,
L0001405    ,

             L0001406    , L0001407    , L0001408    , L0001409    , L0001410    , L0001411    , L0001412    ,
L0001413    ,

             L0001414    , L0001415    , L0001416    , L0001417    , L0001418    , L0001419    , L0001420    ,
L0001421    ,

             L0001422    , L0001423    , L0001424    , L0001425    , L0001426    , L0001427    , L0001428    ,
L0001429    ,

             L0001430    , L0001431    , L0001432    , L0001433    , L0001434    , L0001435    , L0001436    ,
L0001437    ,

             L0001438    , L0001439    , L0001440    , L0001441    , L0001442    , L0001443    , L0001444    ,

  TK1HR      L0000767    , L0000768    , L0000769    , L0000770    , L0000771    , L0000772    , L0000773    ,
L0000774    ,

             L0000775    , L0000776    , L0000777    ,

  TK2HR      L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    , L0001204    ,
L0001205    ,

             L0001206    , L0001207    , L0001208    , L0001209    , L0001210    , L0001211    , L0001212    ,
L0001213    ,

             L0001214    , L0001215    , L0001216    , L0001217    , L0001218    , L0001219    , L0001220    ,
L0001221    ,

             L0001222    , L0001223    , L0001224    , L0001225    , L0001226    , L0001227    , L0001228    ,
L0001229    ,

             L0001230    , L0001231    , L0001232    ,

  WKR1HR     L0000789    , L0000790    , L0000791    , L0000792    , L0000793    , L0000794    , L0000795    ,
L0000796    ,

             L0000797    , L0000798    , L0000799    ,

  WKR2HR     L0001128    , L0001129    , L0001130    , L0001131    , L0001132    , L0001133    , L0001134    ,
L0001135    ,

             L0001136    , L0001137    , L0001138    , L0001139    , L0001140    , L0001141    , L0001142    ,
L0001143    ,
* *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                        SOURCE IDs
 -----------                                        ----------


             L0001144    , L0001145    , L0001146    , L0001147    , L0001148    , L0001149    , L0001150    ,
L0001151    ,

             L0001152    , L0001153    , L0001154    , L0001155    , L0001156    , L0001157    , L0001158    ,
L0001159    ,
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
	L0001160 , L0001161 , L0001162 ,
ALL	L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 ,
	L0000775 , L0000776 , L0000777 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
	L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0001198 , L0001199 ,
	L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 ,
	L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 , L0001215 ,
	L0001216 , L0001217 , L0001218 , L0001219 , L0001220 , L0001221 , L0001222 , L0001223 ,
	L0001224 , L0001225 , L0001226 , L0001227 , L0001228 , L0001229 , L0001230 , L0001231 ,
	L0001232 , L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 ,
	L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 ,
	L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 ,
	L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 ,
	L0001159 , L0001160 , L0001161 , L0001162 , L0001374 , L0001375 , L0001376 , L0001377 ,
	L0001378 , L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 ,
	L0001386 , L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 ,
	L0001394 , L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 ,
	L0001402 , L0001403 , L0001404 , L0001405 , L0001406 , L0001407 , L0001408 , L0001409 ,
	L0001410 , L0001411 , L0001412 , L0001413 , L0001414 , L0001415 , L0001416 , L0001417 ,
	L0001418 , L0001419 , L0001420 , L0001421 , L0001422 , L0001423 , L0001424 , L0001425 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	260206.	L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 , L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , L0001226 , L0001227 , L0001228 , L0001229 , L0001230 , L0001231 , L0001232 , L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 , L0001159 , L0001160 , L0001161 , L0001162 , L0001374 , L0001375 , L0001376 , L0001377 , L0001378 , L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , L0001426 , L0001427 , L0001428 , L0001429 , L0001430 , L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 , L0001438 , L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 ,

L0001402 , L0001403 , L0001404 , L0001405 , L0001406 , L0001407 , L0001408 ,
L0001409 ,

L0001410 , L0001411 , L0001412 , L0001413 , L0001414 , L0001415 , L0001416 ,
L0001417 ,

L0001418 , L0001419 , L0001420 , L0001421 , L0001422 , L0001423 , L0001424 ,
L0001425 ,

L0001426 , L0001427 , L0001428 , L0001429 , L0001430 , L0001431 , L0001432 ,
L0001433 ,

L0001434 , L0001435 , L0001436 , L0001437 , L0001438 , L0001439 , L0001440 ,
L0001441 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

L0001442 , L0001443 , L0001444 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000767 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000768 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000769 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000770 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000771 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000772   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000773   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000774     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000775     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000776     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000777     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000789   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000790   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000791     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000792     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000793     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000794     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

```
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000795     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000796     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000797 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000798     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000799     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001198 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001199 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001200 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001201 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001202 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001203 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001204   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001205   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001206     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001207     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001208     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001209     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001210   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001211   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001212     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001213     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001214     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001215     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001216 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001217 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

```
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001218     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
```

 SOURCE ID = L0001219   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001220   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001221 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001222 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001223 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001226 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001227   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001228   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001229     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001230     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
```

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001231     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001232     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001128   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001129   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001130     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001131     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001132     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001133     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001134 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001135 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001136   ; SOURCE TYPE = VOLUME   :
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001137     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001138     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  80
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001139 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001140 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001141 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001142 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001143 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001144 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001145   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001146   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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```
                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001147     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001148     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001149     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001150     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
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8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001151   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001152   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001155     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001156     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

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                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
A *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001157     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
A *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001158     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
```

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HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001159     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
```

SOURCE ID = L0001160 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR												

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001161 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
HOUR	SCALAR												

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001162 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001374 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001375 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001376 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001377 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001378 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001379   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001380   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001381     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001382     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001383     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001384     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
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8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001385   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001386   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001387     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001388     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
```

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001389     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001390     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001391 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001392 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001393 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001394   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001395   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001396 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001397 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001398 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001399 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001400 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001401 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001402   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001403   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001404     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001405     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
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```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001406     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001407     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001408   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001409   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001410     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001411     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001412     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001413     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001414 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001415 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

HOUR   SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001416 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001417   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001418   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001419 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001420 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001421 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001422 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001423 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001424 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00

16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001425   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001426   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001427   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001428   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001429     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001430     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001431   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001432   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001433 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001434 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01

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    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001435     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001436     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
```

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001437 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001438 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

HOUR   SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001439 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
 -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001440   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001441   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001442 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001443 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001444 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

538744.0, 538764.0, 538784.0, 538804.0, 538824.0, 538844.0, 538864.0, 538884.0, 538904.0, 538924.0,
538944.0, 538964.0, 538984.0, 539004.0, 539024.0, 539044.0, 539064.0, 539084.0, 539104.0, 539124.0,
539144.0, 539164.0, 539184.0, 539204.0, 539224.0, 539244.0, 539264.0, 539284.0, 539304.0, 539324.0,
539344.0, 539364.0, 539384.0, 539404.0, 539424.0, 539444.0, 539464.0, 539484.0, 539504.0, 539524.0,
539544.0, 539564.0, 539584.0, 539604.0, 539624.0, 539644.0, 539664.0, 539684.0, 539704.0, 539724.0,

*** Y-COORDINATES OF GRID ***
(METERS)

4214978.0, 4214998.0, 4215018.0, 4215038.0, 4215058.0, 4215078.0, 4215098.0, 4215118.0, 4215138.0, 4215158.0,
4215178.0, 4215198.0, 4215218.0, 4215238.0, 4215258.0, 4215278.0, 4215298.0, 4215318.0, 4215338.0, 4215358.0,
4215378.0, 4215398.0, 4215418.0, 4215438.0, 4215458.0, 4215478.0, 4215498.0, 4215518.0, 4215538.0, 4215558.0,
4215578.0, 4215598.0, 4215618.0, 4215638.0, 4215658.0, 4215678.0, 4215698.0, 4215718.0, 4215738.0, 4215758.0,
4215778.0, 4215798.0, 4215818.0, 4215838.0, 4215858.0, 4215878.0, 4215898.0, 4215918.0, 4215938.0, 4215958.0,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00	
4215958.00	10.10	9.80	9.60	9.30	9.30	9.30	9.30	9.20	8.90	
4215938.00	10.30	10.00	9.80	9.50	9.50	9.50	9.50	9.40	9.10	
4215918.00	10.50	10.30	10.00	9.70	9.70	9.70	9.70	9.60	9.40	
4215898.00	10.80	10.50	10.20	9.90	9.90	10.00	10.00	9.80	9.60	
4215878.00	11.00	10.70	10.40	10.20	10.10	10.10	10.00	9.90	9.70	
4215858.00	11.20	10.90	10.60	10.40	10.30	10.20	10.10	9.90	9.80	
4215838.00	11.40	11.10	10.90	10.60	10.40	10.30	10.10	10.00	9.80	
4215818.00	11.60	11.30	11.10	10.80	10.60	10.40	10.10	10.00	9.90	
4215798.00	11.80	11.60	11.30	11.00	10.80	10.50	10.20	10.10	10.10	
4215778.00	12.10	11.80	11.50	11.20	11.00	10.80	10.60	10.50	10.40	
4215758.00	12.30	12.00	11.70	11.50	11.30	11.20	11.00	10.90	10.80	
4215738.00	12.50	12.20	11.90	11.70	11.60	11.50	11.40	11.30	11.10	
4215718.00	12.70	12.40	12.20	11.90	11.90	11.80	11.80	11.70	11.50	
4215698.00	12.90	12.70	12.40	12.10	12.10	12.10	12.10	12.00	11.70	
4215678.00	13.10	12.90	12.60	12.30	12.30	12.30	12.30	12.20	12.00	
4215658.00	13.40	13.10	12.80	12.50	12.50	12.50	12.50	12.50	12.20	
4215638.00	13.60	13.30	13.00	12.80	12.80	12.80	12.80	12.70	12.40	
4215618.00	13.80	13.50	13.30	13.00	13.00	13.00	13.00	12.90	12.60	
4215598.00	14.00	13.70	13.50	13.20	13.20	13.20	13.20	13.10	12.80	
4215578.00	14.20	14.00	13.70	13.40	13.40	13.40	13.40	13.30	13.10	
4215558.00	14.40	14.20	13.90	13.60	13.60	13.60	13.60	13.50	13.30	
4215538.00	14.70	14.40	14.10	13.80	13.80	13.80	13.80	13.80	13.50	
4215518.00	14.90	14.60	14.30	14.10	14.00	14.00	14.00	13.90	13.70	
4215498.00	15.10	14.80	14.60	14.30	14.20	14.10	14.10	13.90	13.70	
4215478.00	15.30	15.00	14.80	14.50	14.40	14.20	14.10	14.00	13.80	
4215458.00	15.50	15.30	15.00	14.70	14.50	14.30	14.10	14.00	13.90	
4215438.00	15.80	15.50	15.20	14.90	14.70	14.40	14.20	14.00	14.00	
4215418.00	16.00	15.70	15.40	15.20	14.90	14.60	14.30	14.10	14.10	

```
  4215398.00 |         16.20        15.90        15.60        15.40        15.10        14.80        14.60
14.40        14.40
  4215378.00 |         16.40        16.10        15.90        15.60        15.30        15.00        14.80
14.60        14.60
  4215358.00 |         16.60        16.40        16.10        15.80        15.50        15.30        15.00
14.80        14.80
  4215338.00 |         16.80        16.60        16.30        16.00        15.80        15.50        15.20
15.00        15.00
  4215318.00 |         17.10        16.80        16.50        16.20        16.00        15.80        15.60
15.40        15.40
  4215298.00 |         17.30        17.00        16.70        16.50        16.30        16.10        16.00
15.90        15.70
  4215278.00 |         17.50        17.20        17.00        16.70        16.60        16.50        16.40
16.30        16.10
  4215258.00 |         17.70        17.40        17.20        16.90        16.80        16.80        16.80
16.70        16.50
  4215238.00 |         17.90        17.70        17.40        17.10        17.10        17.00        17.00
16.90        16.70
  4215218.00 |         18.10        17.90        17.60        17.30        17.20        17.10        17.10
17.00        16.80
  4215198.00 |         18.40        18.10        17.80        17.50        17.40        17.30        17.10
17.00        16.80
  4215178.00 |         18.60        18.30        18.00        17.80        17.60        17.40        17.20
17.00        16.90
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 177
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                              *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |         18.80        18.50        18.30        18.00        17.70        17.50        17.20
17.00        17.00
  4215138.00 |         19.00        18.70        18.50        18.20        17.90        17.70        17.40
17.20        17.10
  4215118.00 |         19.20        19.00        18.70        18.40        18.10        17.90        17.60
17.40        17.30
  4215098.00 |         19.50        19.20        18.90        18.60        18.40        18.10        17.80
17.60        17.40
  4215078.00 |         19.70        19.40        19.10        18.90        18.60        18.30        18.00
17.80        17.60
  4215058.00 |         19.90        19.60        19.30        19.10        18.80        18.50        18.30
18.00        17.70
  4215038.00 |         20.10        19.80        19.60        19.30        19.00        18.70        18.50
18.20        17.90
  4215018.00 |         20.30        20.10        19.80        19.50        19.20        19.00        18.70
18.40        18.10
  4214998.00 |         20.50        20.30        20.00        19.70        19.50        19.20        18.90
18.60        18.40
  4214978.00 |         20.80        20.50        20.20        19.90        19.70        19.40        19.10
18.90        18.60
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 178
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00
539064.00	539084.00						
4215958.00	8.60	8.40	8.30	8.30	8.30	8.30	8.00
7.70	7.50						
4215938.00	8.90	8.60	8.50	8.50	8.50	8.50	8.20
8.00	7.70						
4215918.00	9.10	8.80	8.70	8.70	8.70	8.70	8.40
8.20	7.90						
4215898.00	9.30	9.00	9.00	9.00	9.00	8.90	8.70
8.40	8.10						
4215878.00	9.50	9.20	9.20	9.20	9.20	9.20	8.90
8.60	8.30						
4215858.00	9.60	9.40	9.40	9.40	9.40	9.40	9.10
8.80	8.60						
4215838.00	9.70	9.60	9.60	9.60	9.60	9.60	9.30
9.00	8.80						
4215818.00	9.90	9.80	9.80	9.80	9.80	9.80	9.50
9.30	9.00						
4215798.00	10.00	10.00	10.00	10.00	10.00	10.00	9.70
9.50	9.20						
4215778.00	10.30	10.30	10.20	10.10	10.10	10.00	9.80
9.60	9.40						
4215758.00	10.60	10.50	10.40	10.30	10.10	10.00	9.80
9.70	9.60						
4215738.00	10.90	10.70	10.60	10.40	10.20	10.00	9.90
9.80	9.70						
4215718.00	11.20	11.00	10.70	10.50	10.20	10.00	10.00
9.90	9.90						
4215698.00	11.50	11.20	10.90	10.70	10.40	10.10	10.10
10.10	10.10						
4215678.00	11.70	11.40	11.10	10.90	10.60	10.30	10.30
10.30	10.30						
4215658.00	11.90	11.60	11.40	11.10	10.80	10.60	10.60
10.60	10.60						
4215638.00	12.10	11.90	11.60	11.30	11.00	10.80	10.80
10.80	10.80						
4215618.00	12.30	12.10	11.80	11.50	11.30	11.00	11.00
11.00	11.00						
4215598.00	12.60	12.30	12.00	11.70	11.50	11.20	11.20
11.20	11.20						
4215578.00	12.80	12.50	12.20	12.00	11.70	11.40	11.40
11.40	11.40						
4215558.00	13.00	12.70	12.50	12.20	11.90	11.60	11.60
11.60	11.60						
4215538.00	13.20	12.90	12.70	12.40	12.10	11.90	11.90
11.90	11.90						
4215518.00	13.40	13.20	12.90	12.60	12.30	12.10	12.10
12.10	12.10						
4215498.00	13.50	13.30	13.10	12.80	12.60	12.30	12.30
12.30	12.30						
4215478.00	13.70	13.50	13.30	13.00	12.80	12.50	12.50
12.50	12.50						
4215458.00	13.80	13.70	13.50	13.30	13.00	12.70	12.70
12.70	12.70						
4215438.00	14.00	13.90	13.80	13.50	13.20	12.90	12.90
12.90	12.90						
4215418.00	14.10	14.10	14.00	13.70	13.40	13.20	13.20
13.20	13.20						
4215398.00	14.40	14.40	14.20	13.90	13.60	13.40	13.40
13.40	13.40						

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  4215378.00 |         14.60        14.60        14.40        14.10        13.90        13.60        13.60
13.60        13.60
  4215358.00 |         14.80        14.80        14.60        14.40        14.10        13.80        13.80
13.80        13.80
  4215338.00 |         15.00        15.00        14.80        14.60        14.30        14.00        14.00
14.00        14.00
  4215318.00 |         15.30        15.30        15.10        14.80        14.50        14.20        14.20
14.10        14.00
  4215298.00 |         15.60        15.50        15.30        15.00        14.70        14.50        14.30
14.20        14.10
  4215278.00 |         15.90        15.70        15.50        15.20        15.00        14.70        14.50
14.30        14.10
  4215258.00 |         16.20        16.00        15.70        15.40        15.20        14.90        14.70
14.40        14.20
  4215238.00 |         16.40        16.20        15.90        15.70        15.40        15.10        14.80
14.60        14.30
  4215218.00 |         16.60        16.40        16.20        15.90        15.60        15.30        15.10
14.80        14.50
  4215198.00 |         16.70        16.60        16.40        16.10        15.80        15.50        15.30
15.00        14.70
  4215178.00 |         16.80        16.80        16.60        16.30        16.00        15.80        15.50
15.20        14.90
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 179
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |         17.00        17.00        16.80        16.50        16.30        16.00        15.70
15.40        15.20
  4215138.00 |         17.10        17.00        16.90        16.60        16.40        16.20        15.90
15.70        15.40
  4215118.00 |         17.20        17.00        16.90        16.70        16.60        16.40        16.10
15.90        15.60
  4215098.00 |         17.20        17.10        16.90        16.80        16.70        16.60        16.40
16.10        15.80
  4215078.00 |         17.30        17.10        17.00        16.90        16.90        16.80        16.60
16.30        16.00
  4215058.00 |         17.40        17.20        17.00        17.00        17.00        17.00        16.80
16.50        16.20
  4215038.00 |         17.70        17.40        17.20        17.10        17.10        17.00        16.80
16.50        16.20
  4215018.00 |         17.90        17.60        17.40        17.30        17.10        17.00        16.80
16.50        16.20
  4214998.00 |         18.10        17.80        17.60        17.40        17.20        17.00        16.80
16.50        16.20
  4214978.00 |         18.30        18.00        17.80        17.50        17.30        17.00        16.80
16.50        16.20
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 180
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
```

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	7.30	7.30	7.30	7.30	7.10	6.80	6.60	6.30	6.30
4215938.00	7.50	7.50	7.50	7.50	7.30	7.00	6.80	6.50	6.50
4215918.00	7.70	7.70	7.70	7.80	7.50	7.30	7.00	6.80	6.80
4215898.00	8.00	8.00	8.00	8.00	7.80	7.50	7.20	7.00	7.00
4215878.00	8.20	8.10	8.10	8.00	7.80	7.60	7.40	7.20	7.10
4215858.00	8.30	8.20	8.10	8.00	7.90	7.70	7.50	7.40	7.30
4215838.00	8.50	8.40	8.20	8.00	7.90	7.80	7.70	7.60	7.40
4215818.00	8.70	8.50	8.30	8.10	8.00	7.90	7.90	7.80	7.60
4215798.00	8.90	8.70	8.40	8.10	8.00	8.10	8.10	8.00	7.70
4215778.00	9.10	8.90	8.60	8.30	8.30	8.30	8.30	8.20	8.00
4215758.00	9.40	9.10	8.80	8.50	8.50	8.50	8.50	8.50	8.20
4215738.00	9.60	9.30	9.00	8.80	8.70	8.70	8.70	8.70	8.40
4215718.00	9.80	9.50	9.30	9.00	8.90	8.90	8.90	8.90	8.60
4215698.00	10.00	9.70	9.50	9.20	9.10	9.10	9.00	9.00	8.70
4215678.00	10.20	10.00	9.70	9.40	9.30	9.20	9.10	9.00	8.80
4215658.00	10.50	10.20	9.90	9.60	9.50	9.30	9.10	9.00	8.90
4215638.00	10.70	10.40	10.10	9.90	9.60	9.40	9.20	9.00	8.90
4215618.00	10.90	10.60	10.30	10.10	9.80	9.50	9.30	9.00	9.00
4215598.00	11.10	10.80	10.60	10.30	10.00	9.70	9.50	9.20	9.20
4215578.00	11.30	11.10	10.80	10.50	10.20	10.00	9.70	9.40	9.40
4215558.00	11.50	11.30	11.00	10.70	10.50	10.20	9.90	9.60	9.60
4215538.00	11.80	11.50	11.20	10.90	10.70	10.40	10.10	9.90	9.90
4215518.00	12.00	11.70	11.40	11.20	10.90	10.60	10.30	10.10	10.10
4215498.00	12.20	11.90	11.70	11.40	11.10	10.80	10.60	10.30	10.20
4215478.00	12.40	12.10	11.90	11.60	11.30	11.00	10.80	10.50	10.40
4215458.00	12.60	12.40	12.10	11.80	11.50	11.30	11.00	10.70	10.50
4215438.00	12.80	12.60	12.30	12.00	11.80	11.50	11.20	10.90	10.70
4215418.00	13.10	12.80	12.50	12.20	12.00	11.70	11.40	11.20	10.90
4215398.00	13.30	13.00	12.70	12.50	12.20	11.90	11.60	11.40	11.10
4215378.00	13.50	13.20	13.00	12.70	12.40	12.10	11.90	11.60	11.30

```
  4215358.00 |         13.70        13.40        13.20        12.90        12.60        12.40        12.10
11.80        11.50
  4215338.00 |         13.90        13.60        13.40        13.10        12.80        12.60        12.30
12.00        11.70
  4215318.00 |         13.90        13.70        13.50        13.30        13.00        12.70        12.30
12.00        11.80
  4215298.00 |         14.00        13.80        13.70        13.50        13.20        12.80        12.40
12.00        11.90
  4215278.00 |         14.00        13.90        13.80        13.70        13.40        12.90        12.50
12.00        11.90
  4215258.00 |         14.00        14.00        13.90        13.90        13.60        13.00        12.50
12.00        12.00
  4215238.00 |         14.10        14.10        14.00        14.00        13.70        13.20        12.60
12.10        12.10
  4215218.00 |         14.30        14.20        14.10        14.00        13.70        13.30        12.80
12.30        12.30
  4215198.00 |         14.50        14.30        14.20        14.10        13.80        13.40        13.00
12.60        12.50
  4215178.00 |         14.70        14.50        14.30        14.10        13.80        13.50        13.10
12.80        12.80
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 181
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |         14.90        14.60        14.40        14.10        13.80        13.50        13.30
13.00        13.00
  4215138.00 |         15.10        14.80        14.50        14.10        13.90        13.60        13.40
13.20        13.10
  4215118.00 |         15.30        14.90        14.50        14.20        13.90        13.70        13.60
13.40        13.30
  4215098.00 |         15.50        15.10        14.60        14.20        13.90        13.80        13.70
13.60        13.50
  4215078.00 |         15.70        15.20        14.70        14.20        14.00        13.90        13.90
13.80        13.60
  4215058.00 |         15.90        15.30        14.80        14.30        14.10        14.10        14.10
14.10        13.80
  4215038.00 |         15.90        15.40        14.90        14.50        14.30        14.30        14.30
14.30        14.00
  4215018.00 |         15.90        15.50        15.10        14.70        14.50        14.50        14.50
14.50        14.20
  4214998.00 |         15.90        15.60        15.20        14.90        14.70        14.70        14.70
14.70        14.50
  4214978.00 |         15.90        15.60        15.30        15.00        14.90        14.90        14.90
14.90        14.70
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *
```

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.70	5.50
4215938.00	6.50	6.50	6.50	6.30	6.20	6.00	5.90	5.80	5.60
4215918.00	6.80	6.80	6.70	6.50	6.20	6.00	5.90	5.90	5.80
4215898.00	7.00	7.00	6.80	6.60	6.30	6.00	6.00	6.00	6.00
4215878.00	7.10	7.00	6.90	6.70	6.50	6.20	6.20	6.10	6.00
4215858.00	7.20	7.10	6.90	6.80	6.60	6.40	6.30	6.20	6.10
4215838.00	7.30	7.10	7.00	6.80	6.70	6.60	6.50	6.30	6.10
4215818.00	7.40	7.10	7.00	6.90	6.90	6.90	6.70	6.40	6.20
4215798.00	7.50	7.20	7.10	7.10	7.10	7.10	6.80	6.60	6.30
4215778.00	7.70	7.40	7.30	7.30	7.30	7.30	7.10	6.80	6.50
4215758.00	7.90	7.60	7.50	7.50	7.50	7.50	7.30	7.00	6.70
4215738.00	8.10	7.90	7.70	7.70	7.70	7.70	7.50	7.20	6.90
4215718.00	8.30	8.10	7.90	7.90	7.90	7.90	7.70	7.40	7.20
4215698.00	8.50	8.30	8.10	8.10	8.00	8.00	7.80	7.60	7.30
4215678.00	8.60	8.50	8.30	8.20	8.10	8.00	7.90	7.70	7.50
4215658.00	8.80	8.60	8.50	8.30	8.20	8.00	7.90	7.80	7.70
4215638.00	8.90	8.80	8.70	8.50	8.30	8.10	8.00	7.90	7.80
4215618.00	9.00	9.00	8.90	8.60	8.30	8.10	8.00	8.00	8.00
4215598.00	9.20	9.20	9.10	8.80	8.60	8.30	8.20	8.20	8.20
4215578.00	9.40	9.40	9.30	9.10	8.80	8.50	8.40	8.40	8.40
4215558.00	9.70	9.70	9.50	9.30	9.00	8.70	8.70	8.70	8.70
4215538.00	9.90	9.90	9.80	9.50	9.20	8.90	8.90	8.90	8.90
4215518.00	10.00	10.00	9.90	9.70	9.40	9.20	9.10	9.00	9.00
4215498.00	10.10	10.10	9.90	9.70	9.50	9.40	9.20	9.20	9.10
4215478.00	10.20	10.10	10.00	9.80	9.70	9.60	9.40	9.30	9.10
4215458.00	10.30	10.10	10.00	9.90	9.80	9.80	9.60	9.40	9.20
4215438.00	10.40	10.20	10.00	10.00	10.00	10.00	9.80	9.50	9.20
4215418.00	10.60	10.30	10.10	10.10	10.10	10.00	9.80	9.60	9.40
4215398.00	10.80	10.60	10.30	10.20	10.10	10.00	9.90	9.70	9.50
4215378.00	11.00	10.80	10.50	10.40	10.20	10.00	9.90	9.80	9.70
4215358.00	11.30	11.00	10.70	10.50	10.30	10.10	10.00	9.90	9.90

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  4215338.00 |         11.50        11.20        10.90        10.70        10.40        10.10        10.00
10.00        10.00
  4215318.00 |         11.60        11.40        11.20        10.90        10.60        10.30        10.30
10.30        10.30
  4215298.00 |         11.70        11.60        11.40        11.10        10.80        10.60        10.50
10.50        10.50
  4215278.00 |         11.80        11.70        11.60        11.30        11.00        10.80        10.70
10.70        10.70
  4215258.00 |         11.90        11.90        11.80        11.50        11.30        11.00        10.90
10.90        10.90
  4215238.00 |         12.10        12.10        12.00        11.80        11.50        11.20        11.10
11.10        11.00
  4215218.00 |         12.30        12.30        12.20        12.00        11.70        11.40        11.30
11.20        11.10
  4215198.00 |         12.50        12.50        12.50        12.20        11.90        11.60        11.50
11.30        11.20
  4215178.00 |         12.80        12.80        12.70        12.40        12.10        11.90        11.60
11.40        11.20
```


*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |    539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |         13.00        13.00        12.90        12.60        12.40        12.10        11.80
11.50        11.30
  4215138.00 |         13.10        13.00        12.90        12.70        12.50        12.30        12.00
11.80        11.50
  4215118.00 |         13.20        13.10        13.00        12.80        12.60        12.50        12.20
12.00        11.70
  4215098.00 |         13.30        13.10        13.00        12.90        12.80        12.70        12.50
12.20        11.90
  4215078.00 |         13.40        13.20        13.00        12.90        12.90        12.90        12.70
12.40        12.10
  4215058.00 |         13.50        13.30        13.10        13.00        13.00        13.00        12.80
12.60        12.30
  4215038.00 |         13.70        13.50        13.30        13.20        13.10        13.00        12.90
12.70        12.50
  4215018.00 |         14.00        13.70        13.50        13.30        13.20        13.10        12.90
12.80        12.60
  4214998.00 |         14.20        13.90        13.70        13.50        13.30        13.10        13.00
12.90        12.80
  4214978.00 |         14.40        14.10        13.90        13.60        13.40        13.10        13.00
13.00        13.00
```


*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
   Y-COORD  |                                          X-COORD (METERS)
```

(METERS)	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	5.30	5.00	4.70	4.50	4.30	4.20	4.10	4.00	3.80
4215938.00	5.50	5.20	5.00	4.70	4.50	4.30	4.20	4.00	3.80
4215918.00	5.70	5.40	5.20	4.90	4.70	4.40	4.20	4.00	3.80
4215898.00	5.90	5.70	5.40	5.10	4.80	4.60	4.30	4.00	3.80
4215878.00	6.00	5.70	5.50	5.30	5.10	4.80	4.50	4.20	4.00
4215858.00	6.00	5.80	5.70	5.50	5.30	5.00	4.70	4.50	4.20
4215838.00	6.00	5.90	5.80	5.70	5.50	5.20	5.00	4.70	4.40
4215818.00	6.00	6.00	5.90	5.90	5.70	5.40	5.20	4.90	4.60
4215798.00	6.10	6.10	6.10	6.10	5.90	5.70	5.40	5.10	4.80
4215778.00	6.30	6.30	6.30	6.30	6.20	5.90	5.60	5.30	5.10
4215758.00	6.50	6.50	6.50	6.50	6.40	6.10	5.80	5.60	5.30
4215738.00	6.70	6.70	6.70	6.70	6.60	6.30	6.00	5.80	5.50
4215718.00	6.90	6.90	6.90	6.90	6.80	6.50	6.30	6.00	5.70
4215698.00	7.10	7.10	7.10	7.00	6.90	6.60	6.30	6.10	5.80
4215678.00	7.40	7.30	7.20	7.10	6.90	6.60	6.30	6.10	5.80
4215658.00	7.60	7.40	7.20	7.10	6.90	6.60	6.30	6.10	5.80
4215638.00	7.80	7.60	7.30	7.10	6.90	6.60	6.30	6.10	5.80
4215618.00	8.00	7.70	7.40	7.20	6.90	6.60	6.30	6.10	5.80
4215598.00	8.20	7.90	7.70	7.40	7.10	6.80	6.60	6.30	6.00
4215578.00	8.40	8.10	7.90	7.60	7.30	7.10	6.80	6.50	6.20
4215558.00	8.60	8.40	8.10	7.80	7.50	7.30	7.00	6.70	6.50
4215538.00	8.90	8.60	8.30	8.00	7.80	7.50	7.20	6.90	6.70
4215518.00	9.00	8.70	8.50	8.20	8.00	7.70	7.40	7.20	6.90
4215498.00	9.00	8.80	8.60	8.40	8.20	7.90	7.70	7.40	7.10
4215478.00	9.00	8.90	8.70	8.60	8.40	8.10	7.90	7.60	7.30
4215458.00	9.00	8.90	8.90	8.80	8.60	8.40	8.10	7.80	7.50
4215438.00	9.00	9.00	9.00	9.00	8.90	8.60	8.30	8.00	7.80
4215418.00	9.20	9.10	9.10	9.00	8.90	8.70	8.50	8.20	8.00
4215398.00	9.40	9.30	9.20	9.10	8.90	8.80	8.60	8.40	8.20
4215378.00	9.60	9.40	9.30	9.10	9.00	8.90	8.70	8.60	8.40
4215358.00	9.80	9.60	9.40	9.10	9.00	8.90	8.90	8.80	8.60
4215338.00	10.00	9.80	9.50	9.20	9.00	9.00	9.00	9.00	8.80

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  4215318.00 |        10.20        10.00         9.70         9.40         9.20         9.20         9.10
9.00         8.80
  4215298.00 |        10.50        10.20         9.90         9.60         9.40         9.30         9.20
9.00         8.80
  4215278.00 |        10.70        10.40        10.10         9.90         9.60         9.40         9.20
9.10         8.80
  4215258.00 |        10.90        10.60        10.40        10.10         9.80         9.60         9.30
9.10         8.80
  4215238.00 |        11.00        10.80        10.50        10.30        10.00         9.80         9.50
9.20         8.90
  4215218.00 |        11.00        10.80        10.60        10.50        10.20        10.00         9.70
9.40         9.20
  4215198.00 |        11.00        10.90        10.80        10.60        10.50        10.20         9.90
9.60         9.40
  4215178.00 |        11.00        10.90        10.90        10.80        10.70        10.40        10.10
9.90         9.60
```


*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |        11.00        11.00        11.00        11.00        10.90        10.60        10.40
10.10         9.80
  4215138.00 |        11.20        11.10        11.10        11.00        10.90        10.60        10.40
10.10         9.80
  4215118.00 |        11.40        11.30        11.20        11.10        10.90        10.60        10.40
10.10         9.80
  4215098.00 |        11.60        11.50        11.30        11.10        10.90        10.60        10.40
10.10         9.80
  4215078.00 |        11.90        11.60        11.40        11.20        10.90        10.60        10.40
10.10         9.80
  4215058.00 |        12.10        11.80        11.50        11.30        11.00        10.70        10.40
10.20         9.90
  4215038.00 |        12.30        12.00        11.70        11.50        11.20        10.90        10.70
10.40        10.10
  4215018.00 |        12.50        12.20        12.00        11.70        11.40        11.10        10.90
10.60        10.30
  4214998.00 |        12.70        12.50        12.20        11.90        11.60        11.40        11.10
10.80        10.50
  4214978.00 |        12.90        12.70        12.40        12.10        11.90        11.60        11.30
11.00        10.80
```


*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	3.50	3.20	3.00	2.80	2.60
4215938.00	3.50	3.20	3.00	2.90	2.70
4215918.00	3.50	3.20	3.00	2.90	2.90
4215898.00	3.50	3.20	3.00	3.00	3.00
4215878.00	3.70	3.40	3.20	3.10	3.10
4215858.00	3.90	3.60	3.40	3.30	3.20
4215838.00	4.10	3.90	3.60	3.40	3.30
4215818.00	4.40	4.10	3.80	3.60	3.30
4215798.00	4.60	4.30	4.00	3.80	3.50
4215778.00	4.80	4.50	4.20	4.00	3.70
4215758.00	5.00	4.70	4.50	4.20	3.90
4215738.00	5.20	5.00	4.70	4.40	4.10
4215718.00	5.40	5.20	4.90	4.60	4.40
4215698.00	5.50	5.20	5.00	4.70	4.50
4215678.00	5.50	5.20	5.00	4.80	4.60
4215658.00	5.50	5.20	5.00	4.90	4.80
4215638.00	5.50	5.20	5.00	4.90	4.90
4215618.00	5.50	5.30	5.00	5.00	5.00
4215598.00	5.70	5.50	5.20	5.20	5.20
4215578.00	6.00	5.70	5.50	5.50	5.50
4215558.00	6.20	5.90	5.70	5.70	5.70
4215538.00	6.40	6.10	5.90	5.90	5.90
4215518.00	6.60	6.30	6.10	6.10	6.00
4215498.00	6.80	6.60	6.30	6.20	6.10
4215478.00	7.10	6.80	6.50	6.40	6.20
4215458.00	7.30	7.00	6.70	6.50	6.30
4215438.00	7.50	7.20	6.90	6.70	6.40
4215418.00	7.70	7.40	7.20	6.90	6.60
4215398.00	7.90	7.60	7.40	7.10	6.80
4215378.00	8.10	7.90	7.60	7.30	7.00
4215358.00	8.40	8.10	7.80	7.50	7.30
4215338.00	8.50	8.30	8.00	7.70	7.40
4215318.00	8.50	8.30	8.00	7.70	7.40
4215298.00	8.50	8.30	8.00	7.70	7.40
4215278.00	8.50	8.30	8.00	7.70	7.40
4215258.00	8.50	8.30	8.00	7.70	7.40
4215238.00	8.70	8.40	8.10	7.80	7.60
4215218.00	8.90	8.60	8.30	8.10	7.80
4215198.00	9.10	8.80	8.60	8.30	8.00
4215178.00	9.30	9.00	8.80	8.50	8.20
4215158.00	9.50	9.30	9.00	8.70	8.40
4215138.00	9.50	9.30	9.00	8.80	8.60
4215118.00	9.50	9.30	9.00	8.80	8.70
4215098.00	9.50	9.30	9.00	8.90	8.80
4215078.00	9.50	9.30	9.00	9.00	8.90
4215058.00	9.60	9.30	9.10	9.10	9.00
4215038.00	9.80	9.60	9.30	9.20	9.10
4215018.00	10.10	9.80	9.50	9.40	9.20
4214998.00	10.30	10.00	9.70	9.50	9.30
4214978.00	10.50	10.20	9.90	9.70	9.40

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215938.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215918.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215898.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215878.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215858.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215838.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215818.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215798.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215778.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215758.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215738.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215718.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215698.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215678.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215658.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215638.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

567.00 567.00

4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215418.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215398.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215378.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215358.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215338.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215318.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215938.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215918.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215898.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215878.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215858.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215838.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215818.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215798.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215778.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215758.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215738.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215718.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215698.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215678.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215658.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215638.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

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4215418.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215398.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215378.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215358.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215338.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215318.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215218.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215198.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215178.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00	
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	567.00	567.00	567.00	7.30	7.10	6.80	6.60	6.30	6.30
4215938.00	567.00	567.00	567.00	567.00	7.30	7.00	6.80	6.50	6.50
4215918.00	567.00	567.00	567.00	567.00	567.00	7.30	7.00	6.80	6.80
4215898.00	567.00	567.00	567.00	567.00	567.00	7.50	7.20	7.00	7.00
4215878.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40	7.20	7.10
4215858.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40	7.30
4215838.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40
4215818.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.60
4215798.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215778.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215758.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215738.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215718.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215698.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215678.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215658.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215638.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215418.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

567.00 567.00

Y-COORD (METERS)	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215398.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215378.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215358.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215338.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215318.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.70	5.50
4215938.00	6.50	6.50	6.50	6.30	6.20	6.00	5.90	5.80	5.60
4215918.00	6.80	6.80	6.70	6.50	6.20	6.00	5.90	5.90	5.80
4215898.00	7.00	7.00	6.80	6.60	6.30	6.00	6.00	6.00	6.00
4215878.00	7.10	7.00	6.90	6.70	6.50	6.20	6.20	6.10	6.00
4215858.00	7.20	7.10	6.90	6.80	6.60	6.40	6.30	6.20	6.10
4215838.00	7.30	7.10	7.00	6.80	6.70	6.60	6.50	6.30	6.10
4215818.00	7.40	7.10	7.00	6.90	6.90	6.90	6.70	6.40	6.20
4215798.00	7.50	7.20	7.10	7.10	7.10	7.10	6.80	6.60	6.30
4215778.00	567.00	7.40	7.30	7.30	7.30	7.30	7.10	6.80	6.50
4215758.00	567.00	7.60	7.50	7.50	7.50	7.50	7.30	7.00	6.70
4215738.00	567.00	567.00	7.70	7.70	7.70	7.70	7.50	7.20	6.90
4215718.00	567.00	567.00	567.00	7.90	7.90	7.90	7.70	7.40	7.20
4215698.00	567.00	567.00	567.00	8.10	8.00	8.00	7.80	7.60	7.30
4215678.00	567.00	567.00	567.00	567.00	8.10	8.00	7.90	7.70	7.50
4215658.00	567.00	567.00	567.00	567.00	8.20	8.00	7.90	7.80	7.70
4215638.00	567.00	567.00	567.00	567.00	567.00	8.10	8.00	7.90	7.80
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	8.00	8.00	8.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	8.20	8.20	8.20
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.40	8.40
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.70	8.70
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.90
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215418.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215398.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

567.00 567.00

Y-COORD (METERS)	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215378.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215358.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215338.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215318.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00	
4215958.00	5.30	5.00	4.70	4.50	4.30	4.20	4.10	4.00	3.80	
4215938.00	5.50	5.20	5.00	4.70	4.50	4.30	4.20	4.00	3.80	
4215918.00	5.70	5.40	5.20	4.90	4.70	4.40	4.20	4.00	3.80	
4215898.00	5.90	5.70	5.40	5.10	4.80	4.60	4.30	4.00	3.80	
4215878.00	6.00	5.70	5.50	5.30	5.10	4.80	4.50	4.20	4.00	
4215858.00	6.00	5.80	5.70	5.50	5.30	5.00	4.70	4.50	4.20	
4215838.00	6.00	5.90	5.80	5.70	5.50	5.20	5.00	4.70	4.40	
4215818.00	6.00	6.00	5.90	5.90	5.70	5.40	5.20	4.90	4.60	
4215798.00	6.10	6.10	6.10	6.10	5.90	5.70	5.40	5.10	4.80	
4215778.00	6.30	6.30	6.30	6.30	6.20	5.90	5.60	5.30	5.10	
4215758.00	6.50	6.50	6.50	6.50	6.40	6.10	5.80	5.60	5.30	
4215738.00	6.70	6.70	6.70	6.70	6.60	6.30	6.00	5.80	5.50	
4215718.00	6.90	6.90	6.90	6.90	6.80	6.50	6.30	6.00	5.70	
4215698.00	7.10	7.10	7.10	7.00	6.90	6.60	6.30	6.10	5.80	
4215678.00	7.40	7.30	7.20	7.10	6.90	6.60	6.30	6.10	5.80	
4215658.00	7.60	7.40	7.20	7.10	6.90	6.60	6.30	6.10	5.80	
4215638.00	7.80	7.60	7.30	7.10	6.90	6.60	6.30	6.10	5.80	
4215618.00	8.00	7.70	7.40	7.20	6.90	6.60	6.30	6.10	5.80	
4215598.00	8.20	7.90	7.70	7.40	7.10	6.80	6.60	6.30	6.00	
4215578.00	8.40	8.10	7.90	7.60	7.30	7.10	6.80	6.50	6.20	
4215558.00	8.60	8.40	8.10	7.80	7.50	7.30	7.00	6.70	6.50	
4215538.00	8.90	8.60	8.30	8.00	7.80	7.50	7.20	6.90	6.70	
4215518.00	9.00	8.70	8.50	8.20	8.00	7.70	7.40	7.20	6.90	
4215498.00	9.00	8.80	8.60	8.40	8.20	7.90	7.70	7.40	7.10	
4215478.00	567.00	8.90	8.70	8.60	8.40	8.10	7.90	7.60	7.30	
4215458.00	567.00	8.90	8.90	8.80	8.60	8.40	8.10	7.80	7.50	
4215438.00	567.00	567.00	9.00	9.00	8.90	8.60	8.30	8.00	7.80	
4215418.00	567.00	567.00	567.00	9.00	8.90	8.70	8.50	8.20	8.00	
4215398.00	567.00	567.00	567.00	9.10	8.90	8.80	8.60	8.40	8.20	
4215378.00	567.00	567.00	567.00	567.00	9.00	8.90	8.70			

8.60 8.40

4215358.00	567.00	567.00	567.00	567.00	9.00	8.90	8.90	8.80	8.60
4215338.00	567.00	567.00	567.00	567.00	567.00	9.00	9.00	9.00	8.80
4215318.00	567.00	567.00	567.00	567.00	567.00	9.20	9.10	9.00	8.80
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	9.20	9.00	8.80
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	9.10	8.80
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	9.10	8.80
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.90
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	119.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	3.50	3.20	3.00	2.80	2.60
4215938.00	3.50	3.20	3.00	2.90	2.70
4215918.00	3.50	3.20	3.00	2.90	2.90
4215898.00	3.50	3.20	3.00	3.00	3.00
4215878.00	3.70	3.40	3.20	3.10	3.10
4215858.00	3.90	3.60	3.40	3.30	3.20
4215838.00	4.10	3.90	3.60	3.40	3.30
4215818.00	4.40	4.10	3.80	3.60	3.30
4215798.00	4.60	4.30	4.00	3.80	3.50
4215778.00	4.80	4.50	4.20	4.00	3.70
4215758.00	5.00	4.70	4.50	4.20	3.90
4215738.00	5.20	5.00	4.70	4.40	4.10
4215718.00	5.40	5.20	4.90	4.60	4.40
4215698.00	5.50	5.20	5.00	4.70	4.50
4215678.00	5.50	5.20	5.00	4.80	4.60
4215658.00	5.50	5.20	5.00	4.90	4.80
4215638.00	5.50	5.20	5.00	4.90	4.90
4215618.00	5.50	5.30	5.00	5.00	5.00
4215598.00	5.70	5.50	5.20	5.20	5.20
4215578.00	6.00	5.70	5.50	5.50	5.50
4215558.00	6.20	5.90	5.70	5.70	5.70
4215538.00	6.40	6.10	5.90	5.90	5.90
4215518.00	6.60	6.30	6.10	6.10	6.00
4215498.00	6.80	6.60	6.30	6.20	6.10
4215478.00	7.10	6.80	6.50	6.40	6.20
4215458.00	7.30	7.00	6.70	6.50	6.30
4215438.00	7.50	7.20	6.90	6.70	6.40
4215418.00	7.70	7.40	7.20	6.90	6.60
4215398.00	7.90	7.60	7.40	7.10	6.80
4215378.00	8.10	7.90	7.60	7.30	7.00
4215358.00	8.40	8.10	7.80	7.50	7.30
4215338.00	8.50	8.30	8.00	7.70	7.40
4215318.00	8.50	8.30	8.00	7.70	7.40
4215298.00	8.50	8.30	8.00	7.70	7.40
4215278.00	8.50	8.30	8.00	7.70	7.40
4215258.00	8.50	8.30	8.00	7.70	7.40
4215238.00	8.70	8.40	8.10	7.80	7.60
4215218.00	119.00	119.00	8.30	8.10	7.80
4215198.00	119.00	119.00	119.00	119.00	8.00
4215178.00	119.00	119.00	119.00	119.00	119.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	567.00	119.00	119.00	119.00	119.00
4215138.00	567.00	548.00	119.00	119.00	119.00
4215118.00	567.00	567.00	119.00	119.00	119.00
4215098.00	567.00	567.00	567.00	119.00	119.00
4215078.00	567.00	567.00	567.00	119.00	119.00

4215058.00	567.00	567.00	567.00	567.00	119.00
4215038.00	567.00	567.00	567.00	567.00	119.00
4215018.00	567.00	567.00	567.00	567.00	548.00
4214998.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215498.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215478.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
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- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00
539064.00	539084.00						
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

  4215478.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                              *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00	
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	
4215438.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	

```
  4215418.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215398.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215378.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215358.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215338.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215318.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215298.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215278.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215258.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215238.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215218.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215198.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215178.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 209
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215138.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215118.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215098.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215078.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215058.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215038.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215018.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4214998.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4214978.00 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50
4215458.00	1.50	1.50	1.50	1.50	1.50
4215438.00	1.50	1.50	1.50	1.50	1.50
4215418.00	1.50	1.50	1.50	1.50	1.50
4215398.00	1.50	1.50	1.50	1.50	1.50
4215378.00	1.50	1.50	1.50	1.50	1.50
4215358.00	1.50	1.50	1.50	1.50	1.50
4215338.00	1.50	1.50	1.50	1.50	1.50
4215318.00	1.50	1.50	1.50	1.50	1.50
4215298.00	1.50	1.50	1.50	1.50	1.50
4215278.00	1.50	1.50	1.50	1.50	1.50
4215258.00	1.50	1.50	1.50	1.50	1.50
4215238.00	1.50	1.50	1.50	1.50	1.50
4215218.00	1.50	1.50	1.50	1.50	1.50
4215198.00	1.50	1.50	1.50	1.50	1.50
4215178.00	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

4215158.00	1.50	1.50	1.50	1.50	1.50
4215138.00	1.50	1.50	1.50	1.50	1.50
4215118.00	1.50	1.50	1.50	1.50	1.50
4215098.00	1.50	1.50	1.50	1.50	1.50
4215078.00	1.50	1.50	1.50	1.50	1.50
4215058.00	1.50	1.50	1.50	1.50	1.50
4215038.00	1.50	1.50	1.50	1.50	1.50
4215018.00	1.50	1.50	1.50	1.50	1.50
4214998.00	1.50	1.50	1.50	1.50	1.50
4214978.00	1.50	1.50	1.50	1.50	1.50

(539341.8, 4215428.7, 10.0, 567.0, 1.5); (539351.8, 4215428.7, 10.0, 567.0, 1.5);
(539361.8, 4215428.7, 10.0, 567.0, 1.5); (539371.8, 4215428.7, 10.0, 567.0, 1.5);
(539381.8, 4215428.7, 10.0, 567.0, 1.5); (539341.8, 4215438.7, 10.0, 567.0, 1.5);
(539351.8, 4215438.7, 10.0, 567.0, 1.5); (539361.8, 4215438.7, 10.0, 567.0, 1.5);
(539371.8, 4215438.7, 10.0, 567.0, 1.5); (539381.8, 4215438.7, 10.0, 567.0, 1.5);
(539341.8, 4215448.7, 9.9, 567.0, 1.5); (539351.8, 4215448.7, 9.9, 567.0, 1.5);
(539361.8, 4215448.7, 9.9, 567.0, 1.5); (539371.8, 4215448.7, 9.9, 567.0, 1.5);
(539381.8, 4215448.7, 9.9, 567.0, 1.5); (539341.8, 4215458.7, 9.9, 567.0, 1.5);
(539351.8, 4215458.7, 9.9, 567.0, 1.5); (539361.8, 4215458.7, 9.8, 567.0, 1.5);
(539371.8, 4215458.7, 9.8, 567.0, 1.5); (539381.8, 4215458.7, 9.8, 567.0, 1.5);
(539341.8, 4215468.7, 9.9, 567.0, 1.5); (539351.8, 4215468.7, 9.8, 567.0, 1.5);
(539361.8, 4215468.7, 9.8, 567.0, 1.5); (539371.8, 4215468.7, 9.7, 567.0, 1.5);
(539381.8, 4215468.7, 9.7, 567.0, 1.5); (539113.9, 4215517.5, 11.9, 567.0, 1.5);
(539096.5, 4215516.0, 12.1, 567.0, 1.5); (539108.3, 4215501.2, 12.1, 567.0, 1.5);
(539096.0, 4215500.7, 12.3, 567.0, 1.5); (539108.3, 4215486.4, 12.3, 567.0, 1.5);
(539094.5, 4215485.4, 12.4, 567.0, 1.5); (539135.3, 4215461.4, 12.2, 567.0, 1.5);
(539150.1, 4215439.9, 12.2, 567.0, 1.5); (539114.4, 4215452.7, 12.6, 567.0, 1.5);
(539123.1, 4215439.4, 12.6, 567.0, 1.5); (539159.3, 4215421.0, 12.3, 567.0, 1.5);
(539145.0, 4215416.4, 12.5, 567.0, 1.5); (539134.3, 4215410.8, 12.7, 567.0, 1.5);
(539131.8, 4215425.1, 12.6, 567.0, 1.5); (539206.8, 4215383.8, 12.0, 567.0, 1.5);
(539216.0, 4215372.5, 12.0, 567.0, 1.5); (539188.9, 4215382.2, 12.3, 567.0, 1.5);
(539176.2, 4215379.7, 12.5, 567.0, 1.5); (539165.4, 4215376.1, 12.7, 567.0, 1.5);
(539248.8, 4215356.7, 11.8, 567.0, 1.5); (539243.5, 4215348.5, 11.9, 567.0, 1.5);
(539265.6, 4215345.2, 11.7, 567.0, 1.5); (539260.8, 4215338.0, 11.8, 567.0,

1.5);
(539256.2, 4215351.4, 11.7, 567.0, 1.5); (539272.8, 4215331.9, 11.6, 567.0,
1.5);
(539264.8, 4215325.0, 11.8, 567.0, 1.5); (539280.8, 4215321.8, 11.6, 567.0,
1.5);
(539280.0, 4215307.1, 11.7, 567.0, 1.5); (539288.0, 4215313.8, 11.6, 567.0,
1.5);
(539297.8, 4215304.7, 11.6, 567.0, 1.5); (539289.6, 4215296.2, 11.7, 567.0,
1.5);
(539311.2, 4215287.7, 11.6, 567.0, 1.5); (539303.7, 4215281.3, 11.7, 567.0,
1.5);
(539303.7, 4215296.2, 11.6, 567.0, 1.5); (539314.2, 4215271.8, 11.8, 567.0,
1.5);
(539329.1, 4215260.5, 11.7, 567.0, 1.5); (539339.7, 4215237.2, 11.8, 567.0,
1.5);
(539357.4, 4215232.9, 11.6, 567.0, 1.5); (539394.1, 4215199.7, 11.5, 567.0,
1.5);
(539045.0, 4215579.2, 11.4, 567.0, 1.5); (539034.4, 4215591.9, 11.3, 567.0,
1.5);
(539054.9, 4215556.6, 11.7, 567.0, 1.5); (539058.4, 4215538.9, 11.8, 567.0,
1.5);
(539054.9, 4215520.5, 12.0, 567.0, 1.5); (539082.4, 4215477.4, 12.5, 567.0,
1.5);
(539074.0, 4215466.1, 12.6, 567.0, 1.5); (539098.7, 4215440.7, 12.9, 567.0,
1.5);
(539109.3, 4215426.6, 12.9, 567.0, 1.5); (539117.1, 4215416.0, 12.9, 567.0,
1.5);
(539125.6, 4215401.1, 13.0, 567.0, 1.5); (539158.8, 4215367.2, 12.9, 567.0,
1.5);
(539150.3, 4215357.3, 13.1, 567.0, 1.5); (539184.2, 4215339.6, 12.8, 567.0,
1.5);
(539222.4, 4215324.8, 12.4, 567.0, 1.5); (539243.6, 4215317.7, 12.0, 567.0,
1.5);
(539371.5, 4215194.0, 11.9, 567.0, 1.5); (539364.4, 4215191.9, 12.0, 567.0,
1.5);
(539344.6, 4215200.4, 12.2, 567.0, 1.5); (539409.7, 4215113.5, 12.2, 567.0,
1.5);
(539355.9, 4215136.8, 12.6, 567.0, 1.5); (539262.7, 4215288.8, 11.9, 567.0,
1.5);
(539282.4, 4215261.2, 11.9, 567.0, 1.5); (539299.4, 4215235.0, 12.1, 567.0,
1.5);
(538948.9, 4216164.2, 7.0, 567.0, 1.5); (539351.6, 4215795.9, 7.1, 7.1,
1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539171.4, 4215646.3, 9.7, 567.0, 1.5); (539359.0, 4215583.0, 8.8, 567.0,
1.5);
(539293.8, 4215538.6, 9.9, 567.0, 1.5); (539260.8, 4215517.0, 10.1, 567.0,
1.5);
(539279.4, 4215503.6, 10.1, 567.0, 1.5); (539292.2, 4215495.5, 10.1, 567.0,
1.5);
(539319.0, 4215487.2, 10.0, 567.0, 1.5); (539337.1, 4215482.8, 9.9, 567.0,
1.5);
(539356.1, 4215482.0, 9.7, 567.0, 1.5); (539369.9, 4215483.0, 9.6, 567.0,
1.5);
(539384.7, 4215486.6, 9.5, 567.0, 1.5); (539391.5, 4215490.9, 9.4, 567.0,
1.5);
(539342.7, 4215571.9, 9.1, 567.0, 1.5); (539326.4, 4215560.8, 9.5, 567.0,
1.5);

(539310.1, 4215549.7, 9.7, 567.0, 1.5); (539277.3, 4215527.8, 10.0, 567.0, 1.5);
(539270.1, 4215510.3, 10.1, 567.0, 1.5); (539305.6, 4215491.4, 10.1, 567.0, 1.5);
(539385.0, 4215509.3, 9.2, 567.0, 1.5); (539378.5, 4215527.8, 9.1, 567.0, 1.5);
(539372.0, 4215546.2, 9.0, 567.0, 1.5); (539365.5, 4215564.6, 8.9, 567.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001211	539264.0	4215938.0	-1.85
L0001211	539244.0	4215958.0	-13.47
L0001211	539264.0	4215958.0	-20.67
L0001211	539284.0	4215958.0	-3.52
L0001212	539264.0	4215918.0	-4.50
L0001212	539284.0	4215918.0	-5.66
L0001212	539264.0	4215938.0	-18.21
L0001212	539284.0	4215938.0	-21.00
L0001212	539304.0	4215938.0	-1.31
L0001212	539264.0	4215958.0	-9.31
L0001212	539284.0	4215958.0	-10.76
L0001213	539284.0	4215898.0	-10.27
L0001213	539304.0	4215898.0	-8.56
L0001213	539264.0	4215918.0	-1.67
L0001213	539284.0	4215918.0	-21.49
L0001213	539304.0	4215918.0	-18.05
L0001213	539284.0	4215938.0	-6.42
L0001213	539304.0	4215938.0	-4.98
L0001214	539284.0	4215878.0	-1.75
L0001214	539304.0	4215878.0	-15.99
L0001214	539324.0	4215878.0	-10.13
L0001214	539284.0	4215898.0	-4.01
L0001214	539304.0	4215898.0	-21.42
L0001214	539324.0	4215898.0	-13.50
L0001214	539304.0	4215918.0	-2.59
L0001214	539324.0	4215918.0	0.82
L0001215	539324.0	4215838.0	-1.73
L0001215	539304.0	4215858.0	-6.66
L0001215	539324.0	4215858.0	-21.59
L0001215	539344.0	4215858.0	-10.06
L0001215	539304.0	4215878.0	-5.17
L0001215	539324.0	4215878.0	-18.05
L0001215	539344.0	4215878.0	-8.34
L0001216	539324.0	4215818.0	-0.12
L0001216	539344.0	4215818.0	-6.61
L0001216	539324.0	4215838.0	-11.06
L0001216	539344.0	4215838.0	-26.38
L0001216	539364.0	4215838.0	-8.37
L0001216	539324.0	4215858.0	-5.00
L0001216	539344.0	4215858.0	-13.28

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001216	539364.0	4215858.0	-2.90
L0001217	539344.0	4215798.0	-5.91
L0001217	539364.0	4215798.0	-10.95
L0001217	539384.0	4215798.0	0.76
L0001217	539344.0	4215818.0	-14.49
L0001217	539364.0	4215818.0	-25.18
L0001217	539384.0	4215818.0	-5.38
L0001217	539344.0	4215838.0	-3.52
L0001217	539364.0	4215838.0	-8.00
L0001217	539351.6	4215795.9	-8.02
L0001218	539364.0	4215778.0	-11.68
L0001218	539384.0	4215778.0	-14.30
L0001218	539404.0	4215778.0	0.95
L0001218	539364.0	4215798.0	-16.21
L0001218	539384.0	4215798.0	-19.94
L0001218	539404.0	4215798.0	-1.50
L0001218	539364.0	4215818.0	-0.93
L0001218	539384.0	4215818.0	-2.50
L0001218	539351.6	4215795.9	-5.03
L0001219	539384.0	4215738.0	0.16
L0001219	539404.0	4215738.0	0.81
L0001219	539364.0	4215758.0	0.33
L0001219	539384.0	4215758.0	-17.41
L0001219	539404.0	4215758.0	-15.94
L0001219	539384.0	4215778.0	-15.59
L0001219	539404.0	4215778.0	-14.29
L0001220	539404.0	4215718.0	-5.38
L0001220	539424.0	4215718.0	-2.19
L0001220	539384.0	4215738.0	-3.88
L0001220	539404.0	4215738.0	-22.98
L0001220	539424.0	4215738.0	-15.28
L0001220	539384.0	4215758.0	0.43
L0001220	539404.0	4215758.0	-12.89
L0001220	539424.0	4215758.0	-8.55
L0001221	539404.0	4215698.0	-0.42
L0001221	539424.0	4215698.0	-10.75
L0001221	539444.0	4215698.0	-4.19
L0001221	539404.0	4215718.0	-7.36
L0001221	539424.0	4215718.0	-27.21
L0001221	539444.0	4215718.0	-12.58

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001221	539404.0	4215738.0	0.83
L0001221	539424.0	4215738.0	-8.89

L0001221	539444.0	4215738.0	-2.78
L0001222	539424.0	4215678.0	-5.94
L0001222	539444.0	4215678.0	-15.78
L0001222	539464.0	4215678.0	-4.98
L0001222	539424.0	4215698.0	-9.73
L0001222	539444.0	4215698.0	-24.17
L0001222	539464.0	4215698.0	-8.60
L0001222	539444.0	4215718.0	-4.19
L0001223	539464.0	4215638.0	-0.40
L0001223	539444.0	4215658.0	-11.28
L0001223	539464.0	4215658.0	-19.91
L0001223	539484.0	4215658.0	-4.43
L0001223	539444.0	4215678.0	-10.60
L0001223	539464.0	4215678.0	-18.68
L0001223	539484.0	4215678.0	-3.92
L0001223	539464.0	4215698.0	0.90
L0001224	539464.0	4215618.0	-2.26
L0001224	539484.0	4215618.0	-4.52
L0001224	539464.0	4215638.0	-16.23
L0001224	539484.0	4215638.0	-21.68
L0001224	539504.0	4215638.0	-2.63
L0001224	539464.0	4215658.0	-9.75
L0001224	539484.0	4215658.0	-12.98
L0001225	539484.0	4215598.0	-8.05
L0001225	539504.0	4215598.0	-7.87
L0001225	539464.0	4215618.0	-0.19
L0001225	539484.0	4215618.0	-20.18
L0001225	539504.0	4215618.0	-19.79
L0001225	539524.0	4215618.0	0.21
L0001225	539484.0	4215638.0	-7.39
L0001225	539504.0	4215638.0	-7.21
L0001226	539484.0	4215578.0	0.43
L0001226	539504.0	4215578.0	-13.81
L0001226	539524.0	4215578.0	-10.04
L0001226	539484.0	4215598.0	-2.89
L0001226	539504.0	4215598.0	-21.58
L0001226	539524.0	4215598.0	-15.61
L0001226	539504.0	4215618.0	-3.92

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001226	539524.0	4215618.0	-1.43
L0001227	539524.0	4215538.0	0.12
L0001227	539504.0	4215558.0	-4.58
L0001227	539524.0	4215558.0	-19.51
L0001227	539544.0	4215558.0	-10.65
L0001227	539504.0	4215578.0	-4.52
L0001227	539524.0	4215578.0	-19.35
L0001227	539544.0	4215578.0	-10.57
L0001227	539524.0	4215598.0	0.28
L0001228	539504.0	4215538.0	-15.82
L0001228	539524.0	4215538.0	-15.18
L0001228	539504.0	4215558.0	-16.52
L0001228	539524.0	4215558.0	-15.85
L0001229	539464.0	4215518.0	-1.66
L0001229	539484.0	4215518.0	-16.08

L0001229	539504.0	4215518.0	-10.39
L0001229	539464.0	4215538.0	-3.78
L0001229	539484.0	4215538.0	-21.17
L0001229	539504.0	4215538.0	-13.60
L0001229	539484.0	4215558.0	-2.39
L0001229	539504.0	4215558.0	0.87
L0001230	539444.0	4215498.0	-4.00
L0001230	539464.0	4215498.0	-13.64
L0001230	539484.0	4215498.0	-4.32
L0001230	539444.0	4215518.0	-9.46
L0001230	539464.0	4215518.0	-26.33
L0001230	539484.0	4215518.0	-9.87
L0001230	539464.0	4215538.0	-6.34
L0001230	539484.0	4215538.0	0.85
L0001231	539424.0	4215478.0	-5.00
L0001231	539444.0	4215478.0	-9.52
L0001231	539424.0	4215498.0	-14.86
L0001231	539444.0	4215498.0	-25.12
L0001231	539464.0	4215498.0	-5.12
L0001231	539424.0	4215518.0	-4.83
L0001231	539444.0	4215518.0	-9.30
L0001232	539404.0	4215458.0	0.16
L0001232	539384.0	4215478.0	-1.18
L0001232	539404.0	4215478.0	-18.21
L0001232	539424.0	4215478.0	-14.26

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001232	539384.0	4215498.0	-0.68
L0001232	539404.0	4215498.0	-17.02
L0001232	539424.0	4215498.0	-13.34
L0001232	539384.7	4215486.6	-3.37
L0001232	539391.5	4215490.9	-9.87
L0001141	539264.0	4215938.0	-1.98
L0001141	539244.0	4215958.0	-13.45
L0001141	539264.0	4215958.0	-20.82
L0001141	539284.0	4215958.0	-3.63
L0001142	539264.0	4215918.0	-4.57
L0001142	539284.0	4215918.0	-5.81
L0001142	539264.0	4215938.0	-18.16
L0001142	539284.0	4215938.0	-21.12
L0001142	539304.0	4215938.0	-1.40
L0001142	539264.0	4215958.0	-9.16
L0001142	539284.0	4215958.0	-10.69
L0001143	539284.0	4215898.0	-10.34
L0001143	539304.0	4215898.0	-8.71
L0001143	539264.0	4215918.0	-1.58
L0001143	539284.0	4215918.0	-21.38
L0001143	539304.0	4215918.0	-18.11
L0001143	539284.0	4215938.0	-6.28
L0001143	539304.0	4215938.0	-4.91
L0001144	539284.0	4215878.0	-1.73
L0001144	539304.0	4215878.0	-16.07
L0001144	539324.0	4215878.0	-10.27
L0001144	539284.0	4215898.0	-3.90
L0001144	539304.0	4215898.0	-21.27

L0001144	539324.0	4215898.0	-13.53
L0001144	539304.0	4215918.0	-2.45
L0001144	539324.0	4215918.0	0.89
L0001145	539324.0	4215838.0	-1.84
L0001145	539304.0	4215858.0	-6.63
L0001145	539324.0	4215858.0	-21.68
L0001145	539344.0	4215858.0	-10.19
L0001145	539304.0	4215878.0	-5.04
L0001145	539324.0	4215878.0	-17.92
L0001145	539344.0	4215878.0	-8.34
L0001146	539324.0	4215818.0	-0.16
L0001146	539344.0	4215818.0	-6.73

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001146	539324.0	4215838.0	-11.00
L0001146	539344.0	4215838.0	-26.52
L0001146	539364.0	4215838.0	-8.47
L0001146	539324.0	4215858.0	-4.86
L0001146	539344.0	4215858.0	-13.17
L0001146	539364.0	4215858.0	-2.89
L0001147	539344.0	4215798.0	-5.95
L0001147	539364.0	4215798.0	-11.08
L0001147	539384.0	4215798.0	0.62
L0001147	539344.0	4215818.0	-14.39
L0001147	539364.0	4215818.0	-25.22
L0001147	539384.0	4215818.0	-5.45
L0001147	539344.0	4215838.0	-3.37
L0001147	539364.0	4215838.0	-7.90
L0001147	539351.6	4215795.9	-8.10
L0001148	539364.0	4215778.0	-11.71
L0001148	539384.0	4215778.0	-14.44
L0001148	539404.0	4215778.0	0.82
L0001148	539364.0	4215798.0	-16.08
L0001148	539384.0	4215798.0	-19.93
L0001148	539404.0	4215798.0	-1.55
L0001148	539364.0	4215818.0	-0.78
L0001148	539384.0	4215818.0	-2.41
L0001148	539351.6	4215795.9	-4.93
L0001149	539384.0	4215738.0	0.07
L0001149	539404.0	4215738.0	0.66
L0001149	539364.0	4215758.0	0.37
L0001149	539384.0	4215758.0	-17.43
L0001149	539404.0	4215758.0	-16.08
L0001149	539384.0	4215778.0	-15.44
L0001149	539404.0	4215778.0	-14.26
L0001150	539404.0	4215718.0	-5.47
L0001150	539424.0	4215718.0	-2.33
L0001150	539384.0	4215738.0	-3.81
L0001150	539404.0	4215738.0	-22.98
L0001150	539424.0	4215738.0	-15.39
L0001150	539384.0	4215758.0	0.56
L0001150	539404.0	4215758.0	-12.75
L0001150	539424.0	4215758.0	-8.51
L0001151	539404.0	4215698.0	-0.43

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001151	539424.0	4215698.0	-10.86
L0001151	539444.0	4215698.0	-4.34
L0001151	539404.0	4215718.0	-7.27
L0001151	539424.0	4215718.0	-27.09
L0001151	539444.0	4215718.0	-12.66
L0001151	539404.0	4215738.0	0.97
L0001151	539424.0	4215738.0	-8.76
L0001151	539444.0	4215738.0	-2.74
L0001152	539424.0	4215678.0	-5.94
L0001152	539444.0	4215678.0	-15.90
L0001152	539464.0	4215678.0	-5.12
L0001152	539424.0	4215698.0	-9.62
L0001152	539444.0	4215698.0	-24.05
L0001152	539464.0	4215698.0	-8.65
L0001152	539444.0	4215718.0	-4.07
L0001153	539464.0	4215638.0	-0.53
L0001153	539444.0	4215658.0	-11.27
L0001153	539464.0	4215658.0	-20.05
L0001153	539484.0	4215658.0	-4.55
L0001153	539444.0	4215678.0	-10.46
L0001153	539464.0	4215678.0	-18.60
L0001153	539484.0	4215678.0	-3.95
L0001154	539464.0	4215618.0	-2.33
L0001154	539484.0	4215618.0	-4.66
L0001154	539464.0	4215638.0	-16.20
L0001154	539484.0	4215638.0	-21.81
L0001154	539504.0	4215638.0	-2.73
L0001154	539464.0	4215658.0	-9.61
L0001154	539484.0	4215658.0	-12.90
L0001155	539484.0	4215598.0	-8.12
L0001155	539504.0	4215598.0	-8.01
L0001155	539464.0	4215618.0	-0.11
L0001155	539484.0	4215618.0	-20.10
L0001155	539504.0	4215618.0	-19.86
L0001155	539524.0	4215618.0	0.13
L0001155	539484.0	4215638.0	-7.24
L0001155	539504.0	4215638.0	-7.14
L0001156	539484.0	4215578.0	0.45
L0001156	539504.0	4215578.0	-13.89
L0001156	539524.0	4215578.0	-10.19

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)

L0001156	539484.0	4215598.0	-2.78
L0001156	539504.0	4215598.0	-21.44
L0001156	539524.0	4215598.0	-15.64
L0001156	539504.0	4215618.0	-3.78
L0001156	539524.0	4215618.0	-1.36
L0001157	539524.0	4215538.0	0.01
L0001157	539504.0	4215558.0	-4.56
L0001157	539524.0	4215558.0	-19.60
L0001157	539544.0	4215558.0	-10.78
L0001157	539504.0	4215578.0	-4.40
L0001157	539524.0	4215578.0	-19.21
L0001157	539544.0	4215578.0	-10.57
L0001157	539524.0	4215598.0	0.41
L0001158	539504.0	4215538.0	-15.96
L0001158	539524.0	4215538.0	-15.16
L0001158	539484.0	4215558.0	0.95
L0001158	539504.0	4215558.0	-16.54
L0001158	539524.0	4215558.0	-15.70
L0001159	539464.0	4215518.0	-1.80
L0001159	539484.0	4215518.0	-16.20
L0001159	539504.0	4215518.0	-10.35
L0001159	539464.0	4215538.0	-3.87
L0001159	539484.0	4215538.0	-21.17
L0001159	539504.0	4215538.0	-13.46
L0001159	539484.0	4215558.0	-2.32
L0001160	539444.0	4215498.0	-4.14
L0001160	539464.0	4215498.0	-13.72
L0001160	539484.0	4215498.0	-4.28
L0001160	539444.0	4215518.0	-9.56
L0001160	539464.0	4215518.0	-26.26
L0001160	539484.0	4215518.0	-9.73
L0001160	539464.0	4215538.0	-6.26
L0001160	539484.0	4215538.0	0.99
L0001161	539424.0	4215478.0	-5.14
L0001161	539444.0	4215478.0	-9.56
L0001161	539424.0	4215498.0	-14.98
L0001161	539444.0	4215498.0	-25.00
L0001161	539464.0	4215498.0	-5.00
L0001161	539424.0	4215518.0	-4.84
L0001161	539444.0	4215518.0	-9.19

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	RECEPTOR LOCATION XR (METERS)	RECEPTOR LOCATION YR (METERS)	DISTANCE (METERS)
L0001162	539404.0	4215458.0	0.09
L0001162	539384.0	4215478.0	-1.33
L0001162	539404.0	4215478.0	-18.33
L0001162	539424.0	4215478.0	-14.17
L0001162	539384.0	4215498.0	-0.79
L0001162	539404.0	4215498.0	-17.06
L0001162	539424.0	4215498.0	-13.21
L0001162	539384.7	4215486.6	-3.51
L0001162	539391.5	4215490.9	-10.00
L0001374	539384.0	4215498.0	-8.51
L0001374	539384.7	4215486.6	-3.42

L0001374	539391.5	4215490.9	-5.52
L0001375	539384.0	4215498.0	-3.35
L0001375	539384.0	4215518.0	-0.75
L0001375	539385.0	4215509.3	-8.44
L0001376	539384.0	4215518.0	-6.49
L0001376	539385.0	4215509.3	-1.10
L0001376	539378.5	4215527.8	-2.62
L0001377	539384.0	4215538.0	0.60
L0001377	539378.5	4215527.8	-7.56
L0001378	539364.0	4215538.0	-5.18
L0001378	539372.0	4215546.2	-6.93
L0001379	539364.0	4215558.0	-6.45
L0001379	539372.0	4215546.2	-3.48
L0001379	539365.5	4215564.6	-0.28
L0001380	539364.0	4215558.0	-5.72
L0001380	539365.5	4215564.6	-8.89
L0001381	539364.0	4215578.0	-5.91
L0001381	539359.0	4215583.0	-4.86
L0001382	539344.0	4215558.0	0.55
L0001382	539344.0	4215578.0	-2.86
L0001382	539342.7	4215571.9	-5.91
L0001383	539344.0	4215558.0	-5.01
L0001383	539342.7	4215571.9	-2.27
L0001383	539326.4	4215560.8	0.27
L0001384	539324.0	4215558.0	-6.94
L0001384	539326.4	4215560.8	-6.61
L0001385	539324.0	4215538.0	-0.33
L0001385	539324.0	4215558.0	-1.51
L0001385	539310.1	4215549.7	-3.41

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001386	539304.0	4215538.0	-6.13
L0001386	539310.1	4215549.7	-4.03
L0001387	539304.0	4215538.0	-6.06
L0001387	539293.8	4215538.6	-5.65
L0001388	539284.0	4215518.0	-1.49
L0001388	539284.0	4215538.0	-0.51
L0001388	539293.8	4215538.6	-0.10
L0001388	539277.3	4215527.8	-0.48
L0001389	539284.0	4215518.0	-6.73
L0001389	539277.3	4215527.8	-4.57
L0001390	539284.0	4215518.0	-6.49
L0001390	539279.4	4215503.6	-2.45
L0001390	539270.1	4215510.3	-1.03
L0001391	539284.0	4215498.0	-1.74
L0001391	539279.4	4215503.6	-0.63
L0001391	539292.2	4215495.5	-1.63
L0001392	539304.0	4215498.0	-8.75
L0001392	539292.2	4215495.5	-2.24
L0001392	539305.6	4215491.4	-2.60
L0001393	539304.0	4215498.0	-3.31
L0001393	539324.0	4215498.0	-0.54
L0001393	539319.0	4215487.2	-1.58
L0001393	539305.6	4215491.4	-3.95
L0001394	539324.0	4215498.0	-5.70

L0001394	539319.0	4215487.2	-5.54
L0001395	539344.0	4215498.0	-1.17
L0001395	539337.1	4215482.8	-4.68
L0001396	539344.0	4215478.0	-0.21
L0001396	539344.0	4215498.0	-2.40
L0001396	539337.1	4215482.8	0.66
L0001396	539356.1	4215482.0	-1.54
L0001397	539364.0	4215478.0	-0.80
L0001397	539364.0	4215498.0	-2.35
L0001397	539356.1	4215482.0	-4.12
L0001397	539369.9	4215483.0	-1.10
L0001398	539364.0	4215498.0	0.07
L0001398	539369.9	4215483.0	-5.35
L0001398	539384.7	4215486.6	0.15
L0001399	539384.0	4215498.0	-5.48
L0001399	539384.7	4215486.6	-2.68

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001400	539364.0	4215498.0	0.76
L0001400	539384.0	4215498.0	-0.20
L0001400	539385.0	4215509.3	-1.10
L0001401	539364.0	4215518.0	-5.56
L0001402	539364.0	4215518.0	-1.46
L0001402	539364.0	4215538.0	-2.31
L0001402	539378.5	4215527.8	-0.19
L0001403	539364.0	4215538.0	-9.70
L0001403	539372.0	4215546.2	-0.80
L0001404	539364.0	4215558.0	-3.55
L0001405	539344.0	4215558.0	-0.74
L0001405	539364.0	4215558.0	-1.34
L0001405	539365.5	4215564.6	-0.94
L0001406	539344.0	4215558.0	-11.32
L0001407	539324.0	4215558.0	0.76
L0001407	539344.0	4215558.0	-0.35
L0001407	539326.4	4215560.8	0.89
L0001408	539324.0	4215538.0	-6.34
L0001409	539304.0	4215538.0	-1.59
L0001409	539324.0	4215538.0	-2.68
L0001410	539304.0	4215518.0	-0.12
L0001410	539304.0	4215538.0	-4.24
L0001411	539284.0	4215518.0	-0.56
L0001411	539304.0	4215518.0	-1.29
L0001412	539284.0	4215518.0	-9.00
L0001413	539304.0	4215518.0	-2.34
L0001414	539304.0	4215498.0	-3.90
L0001415	539324.0	4215498.0	-6.20
L0001416	539324.0	4215498.0	-3.65
L0001416	539344.0	4215498.0	-0.19
L0001417	539344.0	4215498.0	-11.99
L0001418	539344.0	4215498.0	0.16
L0001418	539364.0	4215498.0	-4.40
L0001419	539364.0	4215498.0	-9.02
L0001420	539364.0	4215498.0	-1.31
L0001420	539364.0	4215518.0	-3.04
L0001421	539364.0	4215518.0	-7.38

L0001422	539364.0	4215538.0	-2.56
L0001423	539344.0	4215538.0	-1.68
L0001423	539364.0	4215538.0	0.48

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001424	539344.0	4215538.0	-2.31
L0001424	539344.0	4215558.0	-1.53
L0001425	539324.0	4215538.0	0.33
L0001425	539344.0	4215538.0	-3.88
L0001426	539324.0	4215538.0	-7.80
L0001427	539324.0	4215518.0	0.21
L0001428	539304.0	4215518.0	-9.05
L0001429	539304.0	4215518.0	-4.90
L0001430	539324.0	4215498.0	-1.64
L0001430	539324.0	4215518.0	-1.71
L0001431	539324.0	4215498.0	-1.35
L0001432	539344.0	4215498.0	-7.14
L0001433	539344.0	4215498.0	0.63
L0001433	539364.0	4215498.0	-3.99
L0001434	539364.0	4215518.0	-0.34
L0001435	539344.0	4215518.0	-4.46
L0001436	539344.0	4215538.0	-6.79
L0001437	539344.0	4215538.0	-7.88
L0001438	539324.0	4215538.0	-1.77
L0001438	539344.0	4215538.0	-0.16
L0001439	539324.0	4215518.0	-5.95
L0001440	539324.0	4215518.0	-10.53
L0001441	539324.0	4215518.0	0.90
L0001441	539344.0	4215518.0	-0.68
L0001442	539344.0	4215498.0	0.82
L0001442	539344.0	4215518.0	-4.28
L0001443	539344.0	4215518.0	-7.88
L0001444	539344.0	4215518.0	-1.12

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
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1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
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1 1
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1 1
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\NOVATO CONST NO2 MIT JULY 2025\NOVATO CONST NO2 MIT JULY 2025.SFC Met Version: 18081
Profile file: ..\NOVATO CONST NO2 MIT JULY 2025\NOVATO CONST NO2 MIT JULY 2025.PFL
Surface format: FREE

Profile format: FREE

Surface station no.: 72040 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	275.1	2.0
13	01	01	1	02	-5.0	0.090	-9.000	-9.000	-999.	65.	13.4	0.03	1.38	1.00	1.50	178.	10.0	276.1	2.0
13	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	276.1	2.0
13	01	01	1	04	-8.1	0.111	-9.000	-9.000	-999.	89.	15.6	0.01	1.38	1.00	2.10	23.	10.0	276.1	2.0
13	01	01	1	05	-11.1	0.137	-9.000	-9.000	-999.	122.	21.3	0.04	1.38	1.00	2.10	93.	10.0	276.1	2.0
13	01	01	1	06	-15.6	0.162	-9.000	-9.000	-999.	156.	28.8	0.03	1.38	1.00	2.60	192.	10.0	276.1	2.0
13	01	01	1	07	-12.7	0.140	-9.000	-9.000	-999.	126.	21.7	0.01	1.38	1.00	2.60	345.	10.0	274.1	2.0
13	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	273.1	2.0
13	01	01	1	09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	0.40	0.00	0.	10.0	275.1	2.0
13	01	01	1	10	47.4	-9.000	-9.000	-9.000	123.	-999.	-99999.0	0.02	1.38	0.27	0.00	0.	10.0	279.1	2.0
13	01	01	1	11	90.7	0.161	0.901	0.005	295.	155.	-4.2	0.01	1.38	0.22	2.10	74.	10.0	281.1	2.0
13	01	01	1	12	115.7	0.364	1.360	0.008	796.	527.	-38.1	0.01	1.38	0.21	5.70	46.	10.0	283.1	2.0
13	01	01	1	13	120.9	0.398	1.443	0.008	908.	602.	-47.6	0.04	1.38	0.20	5.10	93.	10.0	285.1	2.0
13	01	01	1	14	105.4	0.230	1.394	0.007	940.	286.	-10.6	0.04	1.38	0.21	2.60	129.	10.0	285.1	2.0
13	01	01	1	15	71.0	0.323	1.231	0.006	961.	441.	-43.5	0.01	1.38	0.24	5.10	72.	10.0	286.1	2.0

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 13 01 01   1 16   20.1  0.172  0.811  0.006  967.  188.    -23.2  0.04   1.38   0.33    2.10  114.   10.0  286.1
2.0
 13 01 01   1 17   -9.2  0.130 -9.000 -9.000 -999.  112.     21.6  0.03   1.38   0.56    2.10  231.   10.0  282.1
2.0
 13 01 01   1 18  -15.5  0.162 -9.000 -9.000 -999.  156.     28.9  0.03   1.38   1.00    2.60  247.   10.0  281.1
2.0
 13 01 01   1 19  -10.0  0.129 -9.000 -9.000 -999.  111.     19.4  0.03   1.38   1.00    2.10  214.   10.0  279.1
2.0
 13 01 01   1 20  -20.2  0.195 -9.000 -9.000 -999.  207.     41.9  0.03   1.38   1.00    3.10  187.   10.0  277.1
2.0
 13 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  275.1
2.0
 13 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1 -999.  -99.00   275.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE 228
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
                L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
                L0001387    , L0001388    , L0001389    , L0001390    , L0001391    , L0001392    , L0001393    ,
L0001394    ,
                L0001395    , L0001396    , L0001397    , L0001398    , L0001399    , L0001400    , L0001401    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       2.46267      2.64385      2.79905      2.97293      3.09041      3.17891      3.38143
3.52424      3.59077
  4215938.00 |       2.42477      2.58202      2.76108      2.94283      3.13235      3.27598      3.36832
3.59939      3.76377
  4215918.00 |       2.31191      2.51915      2.70524      2.88280      3.09697      3.30331      3.47802
3.59079      3.84090
  4215898.00 |       2.13446      2.37485      2.61304      2.83209      3.01746      3.25955      3.48623
3.69875      3.83858
  4215878.00 |       1.96379      2.17090      2.43233      2.70426      2.96023      3.18453      3.43204
3.68393      3.94089
  4215858.00 |       1.82618      2.02075      2.23083      2.48723      2.79073      3.08925      3.35943
3.61375      3.90682
  4215838.00 |       1.76927      1.87219      2.07194      2.29806      2.55053      2.87060      3.21762
3.54078      3.81706
  4215818.00 |       1.76741      1.86853      1.98322      2.11461      2.36932      2.63963      2.94886
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3.34178      3.72630
  4215798.00 |       1.78162      1.87363      1.97472      2.10440      2.24003      2.43120      2.73344
3.06539      3.45697
  4215778.00 |       1.82145      1.88873      1.98941      2.10016      2.22772      2.38950      2.56230
2.82179      3.18359
  4215758.00 |       1.86333      1.95364      2.04440      2.12904      2.23830      2.37154      2.54164
2.73788      2.95848
  4215738.00 |       1.89705      1.98456      2.08280      2.19556      2.30995      2.41814      2.54272
2.70246      2.92982
  4215718.00 |       2.06992      2.09651      2.14087      2.22233      2.34018      2.48255      2.62949
2.77069      2.91700
  4215698.00 |       2.23170      2.29010      2.35383      2.41895      2.47162      2.50923      2.65361
2.82785      3.02285
  4215678.00 |       2.30052      2.39065      2.48322      2.59155      2.69860      2.80226      2.89349
2.96923      3.06782
  4215658.00 |       2.41186      2.49426      2.58525      2.68972      2.81112      2.95072      3.11220
3.26698      3.41008
  4215638.00 |       2.42168      2.48942      2.60940      2.75672      2.93010      3.10972      3.29397
3.46727      3.63763
  4215618.00 |       2.39039      2.46422      2.55326      2.64036      2.84615      3.06846      3.30761
3.55136      3.78944
  4215598.00 |       2.25707      2.37207      2.47035      2.54738      2.72954      2.93001      3.15090
3.35937      3.61750
  4215578.00 |       2.17944      2.27312      2.37210      2.42280      2.57906      2.75265      2.94618
3.16230      3.36678
  4215558.00 |       2.17046      2.26653      2.35760      2.45439      2.60307      2.76686      2.94785
3.08611      3.24472
  4215538.00 |       2.06736      2.15121      2.24058      2.33587      2.47672      2.63191      2.80363
3.00231      3.12150
  4215518.00 |       1.88488      1.96126      2.04292      2.13945      2.25417      2.39049      2.54127
2.69746      2.85901
  4215498.00 |       1.63307      1.70086      1.77828      1.85655      1.95288      2.05827      2.18089
2.30199      2.43570
  4215478.00 |       1.33920      1.39675      1.48233      1.57559      1.68666      1.80247      1.93616
2.08404      2.23882
  4215458.00 |       1.40347      1.48764      1.57440      1.66937      1.78936      1.92859      2.08112
2.26513      2.47996
  4215438.00 |       1.59169      1.68898      1.79175      1.91231      2.05237      2.19535      2.35794
2.53368      2.74832
  4215418.00 |       1.76801      1.87052      1.97846      2.09914      2.21858      2.34284      2.47115
2.61439      2.79377
  4215398.00 |       1.86811      1.95472      2.04343      2.14085      2.24228      2.34414      2.45471
2.56454      2.69508
  4215378.00 |       1.87048      1.94283      2.02061      2.09147      2.15960      2.22342      2.28979
2.34942      2.42022
  4215358.00 |       1.79947      1.85231      1.89767      1.93862      1.97378      2.00843      2.08410
2.20975      2.36438
  4215338.00 |       1.66088      1.69098      1.71248      1.78747      1.89179      1.98684      2.08458
2.38476      2.92603
  4215318.00 |       1.56001      1.64517      1.71959      1.79884      1.88251      2.15864      2.60313
3.12610      3.73091
  4215298.00 |       1.57955      1.64206      1.71112      1.96224      2.33781      2.77679      3.27768
3.82180      4.37357
  4215278.00 |       1.57871      1.79240      2.11283      2.48286      2.90599      3.36650      3.84285
4.39893      5.06651
  4215258.00 |       1.91969      2.23686      2.59606      2.98418      3.39334      3.81397      4.40968
4.95872      5.40228
  4215238.00 |       2.33586      2.67360      3.02483      3.37168      3.85518      4.35261      4.78632
5.10400      5.32275
  4215218.00 |       2.71467      3.02491      3.39417      3.84148      4.24495      4.56685      4.79274
4.96544      5.35502
  4215198.00 |       3.00449      3.41410      3.79000      4.10250      4.33097      4.48286      4.73095
5.08488      5.40114
  4215178.00 |       3.39617      3.70328      3.93935      4.09022      4.18250      4.50527      4.83247
5.06647      5.15357
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28
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*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	3.58865	3.75659	3.85706	4.02971	4.30708	4.59097	4.75073	4.77611	4.66117
4215138.00	3.56130	3.61783	3.87439	4.14330	4.36126	4.47370	4.45113	4.29912	4.02294
4215118.00	3.48926	3.72380	3.97595	4.14299	4.20548	4.15618	3.98269	3.70402	3.39838
4215098.00	3.60235	3.80772	3.93123	3.95765	3.88259	3.69867	3.42150	3.15045	2.91799
4215078.00	3.64068	3.72721	3.72407	3.62915	3.43898	3.16900	2.92905	2.70875	2.87566
4215058.00	3.53169	3.50451	3.39219	3.20139	2.94005	2.72933	2.52062	2.70853	2.87647
4215038.00	3.29854	3.17571	2.98385	2.73210	2.54647	2.36394	2.55936	2.72418	2.81054
4215018.00	2.97535	2.78446	2.54932	2.37882	2.22449	2.42161	2.58257	2.67439	2.68679
4214998.00	2.60103	2.38975	2.22489	2.09692	2.29421	2.45083	2.54641	2.57087	2.72754
4214978.00	2.24214	2.08337	1.98343	2.17408	2.32814	2.42614	2.46043	2.56039	2.87327

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

(METERS)	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	3.61431	3.73511	3.85614	4.06396	4.17036	4.38355	4.81039	5.21419	5.34787
4215938.00	3.84066	3.87999	4.02280	4.16020	4.38628	4.51076	4.79003	5.29808	5.62056
4215918.00	4.03047	4.12017	4.17758	4.34630	4.49945	4.74349	4.88440	5.23815	5.81250
4215898.00	4.10964	4.32928	4.43357	4.51219	4.71072	4.87839	5.13707	5.30346	5.84574
4215878.00	4.11370	4.40966	4.66469	4.78735	4.89101	5.12308	5.33934	5.57120	5.86640
4215858.00	4.20612	4.41985	4.74519	5.04395	5.18906	5.35147	5.58617	5.86000	6.06072
4215838.00	4.15854	4.49661	4.76041	5.12321	5.47536	5.64813	5.88262	6.11263	6.45289
4215818.00	4.06650	4.42826	4.81441	5.14186	5.55146	5.96931	6.17886	6.49774	6.74574
4215798.00	3.91206	4.32954	4.71668	5.16343	5.57448	6.03958	6.54197	6.80499	7.21313
4215778.00	3.58958	4.09342	4.60335	5.04205	5.55155	6.06734	6.60426	7.20875	7.54419
4215758.00	3.31146	3.76702	4.26759	4.88614	5.44408	6.01328	6.62976	7.25731	7.99118
4215738.00	3.17595	3.45839	3.93653	4.51710	5.17441	5.87791	6.52464	7.26906	8.01934
4215718.00	3.12469	3.42101	3.74750	4.11634	4.78759	5.49735	6.33886	7.10664	8.00083
4215698.00	3.21139	3.38816	3.66952	4.05647	4.49471	5.04017	5.92264	6.82117	7.83030
4215678.00	3.25365	3.51409	3.77110	4.00944	4.38634	4.90790	5.49343	6.34375	7.45742
4215658.00	3.54707	3.66276	3.87201	4.16894	4.49416	4.83258	5.34578	6.07709	6.87675
4215638.00	3.83199	4.05881	4.28164	4.48282	4.70294	5.10726	5.54562	5.96269	6.67833
4215618.00	4.06302	4.35194	4.64692	4.94107	5.23977	5.57649	5.89636	6.37708	7.05502
4215598.00	3.94791	4.32077	4.73028	5.17234	5.64379	6.14111	6.65153	7.16253	7.66770
4215578.00	3.58902	3.88381	4.30697	4.81444	5.39081	6.04195	6.77148	7.58413	8.47736
4215558.00	3.40255	3.62125	3.93229	4.31240	4.75930	5.27992	5.90687	6.81445	7.89557
4215538.00	3.23590	3.40277	3.64551	3.95962	4.34386	4.82247	5.39333	6.07817	6.90953
4215518.00	2.94837	3.10938	3.28155	3.52175	3.84903	4.23259	4.67918	5.20970	5.84719
4215498.00	2.54736	2.67784	2.83961	3.03132	3.29063	3.60839	3.97293	4.40616	4.94357
4215478.00	2.42026	2.57308	2.77971	3.02390	3.35364	3.73800	4.27102	4.91644	5.68052
4215458.00	2.72144	2.99350	3.24022	3.51178	3.82077	4.18787	4.67553	5.21545	5.80610
4215438.00	2.98358	3.22657	3.50375	3.71210	3.90143	4.12222	4.44464	4.76455	5.15447
4215418.00	2.99046	3.19643	3.39386	3.55658	3.60892	3.70631	4.12228	5.27123	6.98278
4215398.00	2.82435	2.94942	3.04006	3.15530	3.57189	4.40895	5.68321	7.17508	9.09914
4215378.00	2.53229	2.73132	3.09297	3.84327	4.82935	5.95206	7.29830	8.96841	10.49990
4215358.00	2.68269	3.34606	4.13205	5.03315	5.98896	7.26877	8.55205	9.60176	10.41760
4215338.00	3.57076	4.30938	5.09385	6.03583	7.10708	8.02212	8.76260	9.47002	10.28661

  4215318.00 | 4.38164   5.07612   6.00222   6.83600   7.47245   7.94697   8.64140
9.30044   9.59343
  4215298.00 | 5.11062   5.86505   6.49143   6.95075   7.35258   7.93461   8.44558
8.55769   8.19373
  4215278.00 | 5.65392   6.09357   6.41898   6.88749   7.40918   7.72380   7.68702
7.25872   6.50703
  4215258.00 | 5.71324   5.98513   6.43991   6.89480   7.09027   6.94786   6.49625
5.84762   5.54943
  4215238.00 | 5.66942   6.09925   6.42642   6.51595   6.31307   5.84155   5.29741
5.08907   5.52984
  4215218.00 | 5.75337   5.98676   5.99516   5.75140   5.28389   4.83005   4.70568
5.01671   5.46020
  4215198.00 | 5.55740   5.51367   5.25241   4.79630   4.41795   4.35129   4.56673
5.00462   5.61107
  4215178.00 | 5.06424   4.80148   4.36740   4.05240   4.04939   4.25172   4.59514
4.95356   6.21294

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                              INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
                L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
                L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
                L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 4.39090   3.99800   3.72613   3.77778   3.98239   4.22715   4.51713
5.43406   6.64877
  4215138.00 | 3.67865   3.42389   3.52398   3.71565   3.88707   4.19392   4.78562
5.94363   6.81695
  4215118.00 | 3.15620   3.27468   3.47558   3.57541   3.88585   4.31178   5.27110
6.23219   6.73949
  4215098.00 | 3.05880   3.25057   3.32393   3.58786   3.95727   4.68953   5.65265
6.30024   6.50453
  4215078.00 | 3.04762   3.12705   3.31948   3.64107   4.17567   5.08325   5.83505
6.17073   6.10057
  4215058.00 | 2.95530   3.07758   3.34011   3.77711   4.54311   5.34964   5.82703
5.91650   5.87443
  4215038.00 | 2.87558   3.09980   3.49528   4.06552   4.84890   5.42592   5.64441
5.54231   5.73871
  4215018.00 | 2.90724   3.27099   3.67059   4.38151   5.00647   5.33841   5.35482
5.32680   5.55832
  4214998.00 | 3.06746   3.37746   3.96655   4.60849   5.02559   5.14549   5.06322
5.19024   5.30313
  4214978.00 | 3.19237   3.59774   4.22430   4.70544   4.91017   4.85695   4.85786
5.03282   5.03313

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	5.44633	5.71916	5.86582	6.01418	5.72489	5.80937	5.98948	6.19808	6.32374
4215938.00	5.71551	5.90473	6.22924	6.38542	6.27684	6.17514	6.35716	6.52094	6.74487
4215918.00	6.05411	6.18063	6.51616	6.69721	6.81673	6.53785	6.71659	6.89852	7.21483
4215898.00	6.34625	6.55058	6.76327	7.13766	7.32063	7.06805	7.06006	7.36971	7.70259
4215878.00	6.50555	6.90667	7.08554	7.50690	7.75176	7.78655	7.54379	7.86444	8.20248
4215858.00	6.48647	7.20799	7.57622	7.83578	8.27223	8.47378	8.12934	8.40982	8.74542
4215838.00	6.66647	7.30778	7.94062	8.27060	8.76051	9.08681	8.97688	8.92866	9.30212
4215818.00	7.12632	7.40090	8.23875	8.85937	9.21097	9.73216	9.93713	9.58487	10.06190
4215798.00	7.48176	7.89763	8.32117	9.25658	9.81721	10.39711	10.82206	10.49154	10.89880
4215778.00	8.05274	8.38049	8.77904	9.48130	10.49429	11.02229	11.66824	11.83419	11.75442
4215758.00	8.41884	9.04937	9.47200	9.79205	10.90383	11.88686	12.58939	13.13339	12.75545
4215738.00	8.92026	9.46815	10.24001	10.77485	11.17496	12.61212	13.47080	14.31229	14.38206
4215718.00	8.91750	10.03880	10.82069	11.68624	12.34712	12.98221	14.67353	15.62680	16.34965
4215698.00	8.84555	10.02176	11.40016	12.50984	13.55575	14.26905	15.42814	16.98473	18.27347
4215678.00	8.63906	9.86175	11.37681	13.09026	14.63779	15.91567	16.65133	18.57904	20.09185
4215658.00	8.18275	9.58950	11.09033	13.05113	15.21999	17.36820	18.98284	19.88466	22.38967
4215638.00	7.74621	8.96476	10.88744	12.69479	15.15922	17.99618	20.97905	23.17066	25.00473
4215618.00	7.75042	8.68242	10.33520	12.37435	14.92680	17.91837	21.86083	26.10169	29.10650
4215598.00	8.26247	9.30689	10.50809	12.09217	14.62316	17.93833	21.70353	27.77267	33.91407
4215578.00	9.44330	10.46257	11.50146	12.89450	15.07679	18.05446	22.21348	27.85562	37.29329
4215558.00	9.18473	10.71690	12.52376	14.61940	16.97508	19.53543	23.69031	29.92394	39.67851
4215538.00	7.93634	9.22946	11.02558	13.47529	16.68240	21.02418	26.93950	34.62937	45.31972

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  4215518.00 |       6.62837      7.61694      8.89892     10.56881     12.93837     16.42586     22.10281
32.34826     53.06197
  4215498.00 |       5.74107      6.84323      8.27204     10.13144     12.58905     16.03030     21.33835
34.57955     54.86867
  4215478.00 |       6.58196      7.65888      8.93326     10.42866     12.57192     18.52592     28.38567
37.37717     46.75190
  4215458.00 |       6.42263      7.07126      8.36981     12.10330     17.61102     23.46862     28.21507
33.17983     36.89185
  4215438.00 |       6.46396      8.84246     12.15304     16.07027     19.57674     22.57273     24.89366
27.02331     30.45404
  4215418.00 |       9.06025     11.77544     14.37921     16.48774     18.52726     19.74371     20.84528
23.11934     26.76228
  4215398.00 |      11.14859     12.82619     14.06176     15.46165     16.25163     16.49588     17.83780
20.75953     24.37455
  4215378.00 |      11.58487     12.51391     13.39150     13.67334     13.32606     13.97438     16.87774
19.68251     22.12346
  4215358.00 |      11.44569     11.96050     11.93222     11.06064     11.17687     13.80906     15.95093
18.37550     19.45659
  4215338.00 |      10.83464     10.62779      9.66756      9.26400     11.41593     13.28477     15.28375
17.04281     17.38496
  4215318.00 |       9.30998      8.44475      8.03731      9.54530     11.23249     12.99791     14.52659
15.34030     15.33252
  4215298.00 |       7.38369      7.04910      8.16195      9.68713     11.39995     12.41973     13.67406
13.87075     13.92499
  4215278.00 |       6.17022      6.98332      8.39819     10.26296     11.24219     11.98995     12.49124
12.48932     12.70337
  4215258.00 |       6.16409      7.19670      8.84102     10.29721     10.78695     11.44585     11.33175
11.24279     11.52882
  4215238.00 |       6.18121      7.58397      9.12419      9.90566     10.56224     10.73405     10.40830
10.35679     10.59971
  4215218.00 |       6.50739      8.05072      8.99776      9.21410     10.11022      9.90958      9.46766
9.47045      9.69888
  4215198.00 |       7.08202      8.15512      8.58545      9.12428      9.45248      9.16823      8.79349
8.87518      9.01403
  4215178.00 |       7.38304      7.98670      8.05139      8.76722      8.74196      8.47625      8.29700
8.37276      8.48585
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 233
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                              INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
                L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
                L0001387    , L0001388    , L0001389    , L0001390    , L0001391    , L0001392    , L0001393    ,
L0001394    ,
                L0001395    , L0001396    , L0001397    , L0001398    , L0001399    , L0001400    , L0001401    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       7.39035      7.56202      7.97011      8.23049      8.12962      7.72141      7.95224
7.88259      7.99633
  4215138.00 |       7.17941      7.16396      7.69790      7.67395      7.47430      7.40432      7.57649
7.45742      7.50580
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.78448	7.00592	6.65093	6.02814	5.97277	6.08499	5.93842	5.70147	5.98402
4215938.00	7.12336	7.45142	7.09807	6.42008	6.36877	6.47059	6.26440	6.01958	6.44630
4215918.00	7.48368	7.94095	7.59407	6.85899	6.80357	6.89656	6.67111	6.51352	6.97858
4215898.00	7.90895	8.47225	8.14350	7.34752	7.28990	7.36230	7.14172	7.14245	7.54640
4215878.00	8.40096	9.04599	8.75782	7.91355	7.83657	7.88806	7.65644	7.82097	8.10592
4215858.00	8.99068	9.67799	9.44406	8.55483	8.47494	8.46418	8.20892	8.53610	8.71151
4215838.00	9.70700	10.36551	10.22446	9.28153	9.21863	9.09636	8.83235	9.35869	9.29346
4215818.00	10.55228	11.11811	11.13321	10.12104	10.06973	9.85925	9.72526	10.23024	9.80574
4215798.00	11.44937	11.94861	12.17689	11.09951	11.04453	10.83772	10.85006	11.15516	10.64794
4215778.00	12.45075	12.91453	13.40092	12.24449	12.16980	11.95487	12.09778	12.10790	11.96254
4215758.00	13.48925	14.09509	14.81706	13.59920	13.48086	13.22555	13.53953	12.96470	13.44295
4215738.00	14.82215	15.58028	16.46346	15.22235	15.03186	14.68522	15.09744	14.67987	14.72253

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  4215718.00 |      16.32746     17.44486     18.38819     17.19663     16.89205     16.63523     16.80249
16.88225     16.00059
  4215698.00 |      18.12205     19.53636     20.65106     19.64250     19.15058     19.16682     18.82358
18.88770     17.64668
  4215678.00 |      21.28685     21.76669     23.32823     22.74289     22.24818     22.25064     22.16864
20.88575     19.20702
  4215658.00 |      24.54353     24.81074     26.79456     26.81764     26.39155     25.90093     25.59685
23.54766     20.18355
  4215638.00 |      27.46438     29.96107     31.43718     32.61802     32.00212     31.47101     29.37627
25.46225     21.78363
  4215618.00 |      32.17809     35.98073     38.20148     40.96165     40.36358     38.65760     33.30251
27.80452     23.46948
  4215598.00 |      38.57996     44.48573     48.67663     53.52868     55.89200     46.84895     37.21452
30.16289     24.67946
  4215578.00 |      47.16739     57.11951     66.82037     68.66833     71.50325     54.90688     40.47670
31.31259     24.49423
  4215558.00 |      55.42846     74.05444     72.70272     66.74546     65.93311     61.34003     41.92489
31.70780     25.54632
  4215538.00 |      58.75418     62.87058     65.49079     64.33624     59.49726     62.36023     47.27556
35.31127     27.35739
  4215518.00 |      54.31234     60.96385     62.94660     58.95488     63.33129     66.01517     50.92808
36.36940     28.11549
  4215498.00 |      64.75830     65.40986     61.61211     61.16556     63.21813     59.83137     53.94946
37.51303     28.38013
  4215478.00 |      54.22065     62.88201     74.30612     70.59747     71.90616     68.90521     48.81541
34.12178     26.06355
  4215458.00 |      41.63748     48.97486     54.05083     55.52726     57.68187     52.66693     41.90230
31.60153     24.85455
  4215438.00 |      35.19561     39.85959     42.27423     43.82593     44.82595     42.97824     35.44027
28.17731     23.35995
  4215418.00 |      30.59273     33.37925     34.50368     36.23039     36.52086     36.49761     31.27796
26.41537     21.46228
  4215398.00 |      26.46820     28.21598     28.79928     30.80986     30.57337     31.32931     28.47812
24.25565     20.06451
  4215378.00 |      23.09279     24.10411     25.05803     26.67774     26.03417     26.95621     25.64597
22.29827     18.96789
  4215358.00 |      20.40600     21.09764     22.18523     23.45637     22.55566     23.17190     23.24069
20.51379     18.14780
  4215338.00 |      18.08212     18.56429     19.79920     20.82700     19.74344     20.39710     21.07286
19.27682     17.12818
  4215318.00 |      15.96962     16.51523     17.76458     18.65542     17.61597     18.23167     18.87990
17.78825     15.81474
  4215298.00 |      14.35774     14.81169     16.15751     16.83224     16.04516     16.30652     16.85560
16.55203     14.97747
  4215278.00 |      12.98258     13.68903     14.79727     15.28145     14.70464     14.60622     14.99364
15.36174     14.16419
  4215258.00 |      11.91639     12.65704     13.60801     13.94818     13.53672     13.09503     13.36236
14.12243     13.28970
  4215238.00 |      10.91418     11.71927     12.56109     12.78242     12.52449     11.83981     12.19101
12.86877     12.62404
  4215218.00 |      10.01541     10.86615     11.63407     11.77232     11.63173     10.80997     11.22041
11.69007     11.89366
  4215198.00 |       9.31265     10.10289     10.81079     10.88322     10.83843      9.96630     10.31048
10.66845     11.06664
  4215178.00 |       8.83867      9.46278     10.10542     10.10082     10.12901      9.24017      9.46913
9.69192     10.24091
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE 235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
               L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
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L0001386   ,
                L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
                L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 8.43322   8.89229   9.50140   9.42007   9.49395   8.58718   8.68851
8.87493   9.43331
  4215138.00 | 8.04862   8.31254   8.91685   8.80926   8.93031   8.10859   8.01759
8.24132   8.72192
  4215118.00 | 7.69002   7.89614   8.41015   8.27396   8.43433   7.73606   7.47868
7.69790   8.05756
  4215098.00 | 7.35603   7.50200   7.92644   7.79162   8.01797   7.42640   7.04027
7.17893   7.41363
  4215078.00 | 7.03187   7.18708   7.48456   7.33304   7.62307   7.19115   6.65787
6.69166   6.83307
  4215058.00 | 6.72643   6.90397   7.11548   6.93698   7.26003   6.91748   6.30101
6.24565   6.38513
  4215038.00 | 6.44788   6.70155   6.82318   6.62565   6.94396   6.61580   5.96902
5.85272   6.00044
  4215018.00 | 6.18880   6.48674   6.55213   6.31459   6.65741   6.39248   5.65456
5.58510   5.67120
  4214998.00 | 5.94670   6.23736   6.28190   6.08067   6.39688   6.12410   5.41819
5.35830   5.37536
  4214978.00 | 5.71535   6.00254   6.00557   5.83861   6.14943   5.87183   5.21161
5.13598   5.10365

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
                L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
                L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
                L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215958.00 | 6.23610   6.13755   5.74719   6.06479   6.13710   5.85291   5.63041
5.48457   5.29174
  4215938.00 | 6.62462   6.37732   6.22023   6.53625   6.39980   6.10921   5.87552
5.71680   5.46768

4215918.00	7.05854	6.58063	6.84346	6.97275	6.64515	6.34281	6.19206
5.93895	5.49268						
4215898.00	7.45832	7.10216	7.45444	7.31414	6.96422	6.68532	6.44178
6.05931	5.41404						
4215878.00	7.79707	7.78831	8.01718	7.63950	7.24270	7.07591	6.69708
5.99496	5.46576						
4215858.00	8.16391	8.58925	8.47056	8.04547	7.75276	7.38916	6.72971
6.05251	5.60947						
4215838.00	8.98921	9.33845	8.90123	8.42499	8.14939	7.56694	6.72428
6.15339	5.85710						
4215818.00	10.03090	9.94806	9.40724	9.08589	8.50828	7.54687	6.77933
6.44088	6.24629						
4215798.00	11.05647	10.53749	10.05034	9.54886	8.53926	7.58739	7.13530
6.86889	6.42465						
4215778.00	11.92443	11.19223	10.74961	9.79759	8.62089	7.95600	7.60235
7.07906	6.31615						
4215758.00	12.77811	12.18952	11.25926	9.85876	8.93685	8.48336	7.85083
7.00630	6.76556						
4215738.00	13.72586	12.95582	11.44761	10.11197	9.59378	8.77492	7.90622
7.57179	6.92748						
4215718.00	15.06819	13.40438	11.66841	10.94636	9.89775	9.01594	8.51593
7.64585	6.87615						
4215698.00	15.87393	13.66886	12.63408	11.25947	10.38735	9.61222	8.44655
7.77623	7.25083						
4215678.00	16.41684	14.79851	13.02823	12.06308	10.90290	9.54141	8.82005
7.99641	7.01547						
4215658.00	17.66799	15.46444	14.13821	12.41444	11.04740	9.95633	8.70949
7.38920	6.25803						
4215638.00	18.76034	16.77808	14.29638	12.72877	11.11540	9.34130	7.74459
6.75774	6.17100						
4215618.00	20.11225	17.15795	14.66386	12.21770	9.99149	8.65796	7.83164
7.34765	6.80431						
4215598.00	20.47931	16.68892	13.51754	11.63394	10.52859	9.55863	8.58585
7.71891	6.92830						
4215578.00	19.59493	16.59019	14.56060	12.67796	10.95009	9.55535	8.48706
7.52518	6.66870						
4215558.00	21.00069	17.55761	14.76289	12.59212	10.76289	9.23045	7.94486
7.06599	6.42757						
4215538.00	21.53264	17.87552	15.21787	13.13134	11.49771	10.18669	9.16660
8.31108	7.58123						
4215518.00	22.63812	18.79130	16.10408	13.99386	12.30069	10.91501	9.76597
8.81922	8.02413						
4215498.00	22.36355	18.06205	14.97319	12.82894	11.13807	9.77811	8.68591
7.85663	7.16794						
4215478.00	20.52235	16.66190	14.14344	12.06261	10.34808	8.93279	7.76572
6.79988	6.16529						
4215458.00	20.23190	17.22176	14.59551	12.22395	10.28304	8.64453	7.51357
6.61370	5.85797						
4215438.00	19.39238	15.93614	13.98856	12.34536	10.96953	9.60028	8.41709
7.29390	6.28400						
4215418.00	18.23617	15.94537	13.13880	11.48159	10.39745	9.38919	8.57356
7.72340	6.98005						
4215398.00	17.10207	14.71567	13.31589	11.45507	9.73737	8.83462	8.10040
7.48044	6.89932						
4215378.00	16.03435	14.03788	12.17959	11.27801	10.05809	8.69720	7.58790
7.05128	6.52806						
4215358.00	15.28962	13.37429	11.78276	10.28379	9.66351	8.86408	7.81740
6.82097	6.14153						
4215338.00	14.76633	12.55352	11.32303	10.06677	8.83372	8.36468	7.84462
7.02635	6.29787						
4215318.00	14.38280	12.18366	10.85720	9.70722	8.72151	7.68539	7.30685
6.97791	6.38532						
4215298.00	13.69887	11.89152	10.20051	9.49762	8.41208	7.64497	6.78842
6.43839	6.23932						
4215278.00	12.82423	11.80763	10.15085	8.89946	8.36009	7.36943	6.77417
6.09075	5.71606						
4215258.00	12.11161	11.31141	9.96203	8.63251	7.95723	7.40477	6.53563
6.05572	5.50317						
4215238.00	11.57843	10.71993	9.93200	8.58205	7.47630	7.13984	6.59832

5.83904   5.45471
  4215218.00 | 10.95532   10.12263   9.54821   8.56385   7.47578   6.70796   6.46123
5.91164   5.26009
  4215198.00 | 10.47537   9.66114   9.13840   8.50498   7.38946   6.56376   6.12463
5.86461   5.32250
  4215178.00 | 10.06897   9.27094   8.67139   8.19020   7.46014   6.52239   5.82739
5.60815   5.33859

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
                L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
                L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
                L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 9.58258   8.85069   8.22557   7.90441   7.38180   6.47129   5.79472
5.26912   5.14487
  4215138.00 | 9.01040   8.56494   7.93704   7.57429   7.12596   6.57706   5.76536
5.23390   4.89226
  4215118.00 | 8.39380   8.26603   7.57967   7.17350   6.94592   6.49428   5.79292
5.15338   4.71657
  4215098.00 | 7.78810   7.90930   7.35486   6.87821   6.69725   6.28698   5.85253
5.14607   4.70915
  4215078.00 | 7.26060   7.50120   7.16862   6.63171   6.37922   6.17304   5.76592
5.22057   4.64192
  4215058.00 | 6.79832   7.05225   6.94508   6.40037   6.02315   5.97878   5.60852
5.24790   4.62000
  4215038.00 | 6.33955   6.58330   6.67631   6.23505   5.85021   5.71488   5.52910
5.15928   4.72945
  4215018.00 | 5.89610   6.14796   6.36665   6.11401   5.61613   5.41071   5.37508
5.04002   4.73498
  4214998.00 | 5.48445   5.81987   6.02887   5.93710   5.51009   5.19720   5.15365
4.99086   4.65228
  4214978.00 | 5.19693   5.50538   5.67504   5.72739   5.39188   5.02353   4.91125
4.86803   4.56806

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
                L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,

L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 ,
L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	5.01949	4.51387	4.19232	3.95359	3.75611
4215938.00	4.97376	4.54687	4.23793	4.04355	3.96031
4215918.00	4.95069	4.59052	4.35855	4.23237	4.20180
4215898.00	4.99261	4.71634	4.53809	4.50434	4.28511
4215878.00	5.13407	4.91728	4.84915	4.59949	4.18873
4215858.00	5.35439	5.24916	4.96240	4.49166	4.18349
4215838.00	5.71190	5.38430	4.83664	4.52587	4.39754
4215818.00	5.86879	5.23897	4.96349	4.78453	4.46334
4215798.00	5.73253	5.47884	5.22413	4.82104	4.39356
4215778.00	6.07428	5.72455	5.20857	4.75014	4.55677
4215758.00	6.28965	5.64216	5.21258	5.03184	4.74721
4215738.00	6.19437	5.82946	5.53537	5.11773	4.62647
4215718.00	6.51775	6.05399	5.47022	4.83373	4.21568
4215698.00	6.55534	5.77090	4.97514	4.36396	3.84886
4215678.00	5.99608	5.17462	4.54816	4.12754	3.85961
4215658.00	5.47003	4.97182	4.61532	4.41496	4.22752
4215638.00	5.74290	5.45112	5.11740	4.82085	4.52345
4215618.00	6.25825	5.77616	5.29721	4.84446	4.44685
4215598.00	6.21793	5.66013	5.13854	4.66813	4.23848
4215578.00	5.91585	5.25145	4.67300	4.17240	3.73953
4215558.00	5.87441	5.39987	5.00610	4.67577	4.40759
4215538.00	6.95528	6.41874	5.95102	5.54445	5.18192
4215518.00	7.34112	6.74933	6.23685	5.79362	5.39758
4215498.00	6.59443	6.09948	5.66810	5.29223	4.95676
4215478.00	5.62804	5.16204	4.75806	4.43498	4.15997
4215458.00	5.20959	4.65241	4.17653	3.77229	3.49652
4215438.00	5.42684	4.78104	4.23437	3.75946	3.39509
4215418.00	6.22652	5.50019	4.84441	4.26811	3.74333
4215398.00	6.34798	5.86409	5.35228	4.83378	4.33049
4215378.00	6.12948	5.68292	5.31476	4.99028	4.63549
4215358.00	5.78258	5.41688	5.13318	4.78871	4.51768
4215338.00	5.47263	5.09673	4.84190	4.58223	4.37325
4215318.00	5.78848	5.15756	4.59424	4.32291	4.11933
4215298.00	5.81022	5.30423	4.82870	4.28238	3.92001
4215278.00	5.60578	5.29606	4.85304	4.50000	4.06842
4215258.00	5.14040	5.05896	4.83770	4.49256	4.18112
4215238.00	5.00450	4.66911	4.58530	4.43010	4.16437
4215218.00	4.94810	4.57634	4.27287	4.17409	4.06898
4215198.00	4.76868	4.51632	4.20557	3.92888	3.81447
4215178.00	4.82691	4.34988	4.14398	3.88166	3.63141

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP:
CON1HR ***
INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 ,
L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 ,
L0001386 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	4.87529	4.40398	4.00357	3.81929	3.59687
4215138.00	4.75450	4.46588	4.03574	3.69963	3.53424
4215118.00	4.54155	4.39936	4.10278	3.71175	3.43143
4215098.00	4.28250	4.22389	4.07740	3.78258	3.42484
4215078.00	4.29884	4.01357	3.93347	3.78450	3.50870
4215058.00	4.24479	3.91651	3.76820	3.68288	3.51873
4215038.00	4.21010	3.91719	3.58412	3.53639	3.45234
4215018.00	4.23034	3.85104	3.60636	3.35965	3.32354
4214998.00	4.30584	3.83166	3.57389	3.31481	3.18259
4214978.00	4.29726	3.88883	3.52465	3.32057	3.06718

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 ,
L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 ,
L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 ,
L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	39.67780	539351.84	4215428.70	39.97078
539361.84	4215428.70	40.45445	539371.84	4215428.70	40.47026
539381.84	4215428.70	40.15298	539341.84	4215438.70	43.83348
539351.84	4215438.70	44.28145	539361.84	4215438.70	45.12361
539371.84	4215438.70	44.99608	539381.84	4215438.70	43.84543
539341.84	4215448.70	48.95028	539351.84	4215448.70	49.69983
539361.84	4215448.70	50.93259	539371.84	4215448.70	50.46561
539381.84	4215448.70	48.50673	539341.84	4215458.70	55.51370
539351.84	4215458.70	57.09025	539361.84	4215458.70	58.39069
539371.84	4215458.70	57.35381	539381.84	4215458.70	54.24016

539341.84	4215468.70	64.71394	539351.84	4215468.70	67.23921
539361.84	4215468.70	68.37208	539371.84	4215468.70	66.05432
539381.84	4215468.70	61.48182	539113.88	4215517.52	7.06473
539096.52	4215515.99	6.23747	539108.26	4215501.18	5.92092
539096.01	4215500.67	5.43211	539108.26	4215486.38	6.49693
539094.47	4215485.36	5.85238	539135.32	4215461.36	7.70966
539150.13	4215439.91	13.00838	539114.39	4215452.68	6.45557
539123.07	4215439.40	8.49610	539159.32	4215421.02	16.10168
539145.02	4215416.43	14.54218	539134.30	4215410.81	13.55371
539131.75	4215425.11	12.05103	539206.80	4215383.75	14.46578
539215.99	4215372.52	15.68897	539188.93	4215382.22	13.91345
539176.17	4215379.67	13.62275	539165.44	4215376.09	13.41963
539248.79	4215356.71	18.81484	539243.45	4215348.45	17.75025
539265.58	4215345.25	18.16503	539260.78	4215338.05	17.34855
539256.25	4215351.38	18.67356	539272.77	4215331.92	16.93059
539264.78	4215324.99	15.96981	539280.77	4215321.79	16.35823
539279.97	4215307.14	14.99138	539287.97	4215313.80	15.69488
539297.83	4215304.74	15.24275	539289.56	4215296.21	14.32247
539311.15	4215287.68	14.66354	539303.69	4215281.28	13.83855
539303.69	4215296.21	14.68163	539314.25	4215271.79	13.77913
539329.09	4215260.48	13.92714	539339.69	4215237.16	12.61742
539357.36	4215232.92	12.45246	539394.11	4215199.70	10.15076
539044.99	4215579.21	6.83018	539034.39	4215591.93	6.50239
539054.88	4215556.59	6.28499	539058.42	4215538.92	5.91191
539054.88	4215520.55	5.05640	539082.44	4215477.44	5.63295
539073.96	4215466.13	5.52815	539098.70	4215440.69	5.76456
539109.30	4215426.56	8.57664	539117.07	4215415.96	11.06403
539125.55	4215401.11	12.93108	539158.77	4215367.19	12.49011
539150.29	4215357.30	11.62366	539184.21	4215339.63	11.44380
539222.37	4215324.79	14.56451	539243.58	4215317.72	15.32053

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	10.37663	539364.42	4215191.93	10.60221
539344.64	4215200.41	10.99654	539409.65	4215113.48	7.37725
539355.94	4215136.80	8.90529	539262.66	4215288.75	13.30303
539282.44	4215261.19	12.03179	539299.41	4215235.04	11.39418
538948.91	4216164.24	3.17320	539351.64	4215795.94	11.12932
539171.40	4215646.30	13.73125	539358.95	4215583.01	67.40664
539293.80	4215538.56	65.30936	539260.82	4215517.04	48.06978
539279.41	4215503.60	62.17925	539292.18	4215495.55	64.58538
539318.95	4215487.21	70.61098	539337.11	4215482.84	71.47167
539356.14	4215482.00	74.49204	539369.89	4215483.02	71.72359
539384.66	4215486.57	59.95660	539391.49	4215490.91	62.47162
539342.66	4215571.90	70.42009	539326.38	4215560.79	70.42883
539310.09	4215549.67	74.92094	539277.31	4215527.80	54.44488
539270.11	4215510.32	58.32665	539305.56	4215491.38	68.54568
539384.98	4215509.33	59.37555	539378.47	4215527.75	61.32103
539371.97	4215546.17	61.85817	539365.46	4215564.59	66.09479

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

(METERS)	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215938.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215918.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215898.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215878.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001
4215858.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001
4215838.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001
4215818.00	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
4215798.00	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001
4215778.00	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215758.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215738.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215718.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215698.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215678.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215658.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215638.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215618.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215598.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215578.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215558.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215538.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215518.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215498.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215478.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215458.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215438.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215418.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215398.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215378.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215358.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215338.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214998.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:

TK1HR ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215938.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215918.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215898.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215878.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215858.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215838.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215818.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215798.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215778.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215758.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215738.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215718.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215698.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215678.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215658.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215638.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215618.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215598.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215578.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215558.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215538.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215518.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215498.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215478.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215458.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215438.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

  4215418.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215398.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215378.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215358.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215338.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214998.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215938.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215918.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215898.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215878.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215858.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215838.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215818.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215798.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215778.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215758.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215738.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215718.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215698.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215678.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215658.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215638.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215618.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215598.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215578.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215558.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215538.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

  4215518.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215498.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215478.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215458.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215438.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215418.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215398.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215378.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215358.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215338.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215938.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215918.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215898.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215878.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215858.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215838.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215818.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215798.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215778.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215758.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215738.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215718.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215698.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215678.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215658.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215638.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

```
  4215618.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215598.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215578.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215558.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215538.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215518.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215498.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215478.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215458.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215438.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215418.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215398.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215378.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215358.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215338.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215318.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215298.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215278.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215258.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215238.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215218.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215198.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215178.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 249
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR    ***
                                INCLUDING SOURCE(S):     L0000767    , L0000768    , L0000769    , L0000770    ,
L0000771    ,
                L0000772    , L0000773    , L0000774    , L0000775    , L0000776    , L0000777    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
```

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214998.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215958.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215938.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215918.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00000
  4215898.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00000
  4215878.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00000   0.00000
  4215858.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00000
0.00000   0.00000
  4215838.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00000
0.00000   0.00000
  4215818.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00000   0.00000
0.00000   0.00000
  4215798.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00000
0.00000   0.00000
  4215778.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00000
0.00000   0.00000
  4215758.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00000
0.00000   0.00000
  4215738.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00000
0.00000   0.00000

  4215718.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00000   0.00000
0.00000   0.00000
  4215698.00 | 0.00001   0.00001   0.00001   0.00001   0.00000   0.00000   0.00000
0.00000   0.00000
  4215678.00 | 0.00001   0.00001   0.00001   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215658.00 | 0.00001   0.00001   0.00001   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215638.00 | 0.00001   0.00001   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215618.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215598.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215578.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215558.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215538.00 | 0.00001   0.00001   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215518.00 | 0.00001   0.00001   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215498.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215478.00 | 0.00001   0.00001   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215458.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215438.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215418.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215398.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215378.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215358.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215338.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215318.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215298.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215278.00 | 0.00001   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215258.00 | 0.00001   0.00001   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215238.00 | 0.00001   0.00001   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215218.00 | 0.00001   0.00001   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215198.00 | 0.00001   0.00001   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215178.00 | 0.00001   0.00001   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00
539604.00	539624.00						
4215158.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000						
4215138.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000						
4215118.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000						
4215098.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000						
4215078.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000						
4215058.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000						
4215038.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000						
4215018.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000						
4214998.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000						
4214978.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
0.00000	0.00000						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.00001	0.00000	0.00000	0.00000	0.00000
4215938.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215918.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215898.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215878.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215858.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215838.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215818.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215798.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215778.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215758.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215738.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215718.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215698.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215678.00	0.00000	0.00000	0.00000	0.00000	0.00000

```
  4215658.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215638.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215618.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215598.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215578.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215558.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215538.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215518.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215498.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215478.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215458.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215438.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215418.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215398.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215378.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215358.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215338.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215318.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215298.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215278.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215258.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215238.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215218.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215198.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215178.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 253
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR    ***
                              INCLUDING SOURCE(S):     L0000767    , L0000768    , L0000769    , L0000770    ,
L0000771    ,
                 L0000772    , L0000773    , L0000774    , L0000775    , L0000776    , L0000777    ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215138.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215118.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215098.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215078.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215058.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215038.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4215018.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4214998.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
  4214978.00 |       0.00000      0.00000      0.00000      0.00000      0.00000
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 254
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR    ***
                              INCLUDING SOURCE(S):     L0000767    , L0000768    , L0000769    , L0000770    ,
```

L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00001	539351.84	4215428.70	0.00001
539361.84	4215428.70	0.00001	539371.84	4215428.70	0.00001
539381.84	4215428.70	0.00001	539341.84	4215438.70	0.00001
539351.84	4215438.70	0.00001	539361.84	4215438.70	0.00001
539371.84	4215438.70	0.00001	539381.84	4215438.70	0.00001
539341.84	4215448.70	0.00001	539351.84	4215448.70	0.00001
539361.84	4215448.70	0.00001	539371.84	4215448.70	0.00001
539381.84	4215448.70	0.00001	539341.84	4215458.70	0.00001
539351.84	4215458.70	0.00001	539361.84	4215458.70	0.00001
539371.84	4215458.70	0.00001	539381.84	4215458.70	0.00001
539341.84	4215468.70	0.00001	539351.84	4215468.70	0.00001
539361.84	4215468.70	0.00001	539371.84	4215468.70	0.00001
539381.84	4215468.70	0.00001	539113.88	4215517.52	0.00001
539096.52	4215515.99	0.00001	539108.26	4215501.18	0.00001
539096.01	4215500.67	0.00001	539108.26	4215486.38	0.00001
539094.47	4215485.36	0.00001	539135.32	4215461.36	0.00001
539150.13	4215439.91	0.00001	539114.39	4215452.68	0.00001
539123.07	4215439.40	0.00001	539159.32	4215421.02	0.00001
539145.02	4215416.43	0.00001	539134.30	4215410.81	0.00001
539131.75	4215425.11	0.00001	539206.80	4215383.75	0.00001
539215.99	4215372.52	0.00001	539188.93	4215382.22	0.00001
539176.17	4215379.67	0.00001	539165.44	4215376.09	0.00001
539248.79	4215356.71	0.00001	539243.45	4215348.45	0.00001
539265.58	4215345.25	0.00001	539260.78	4215338.05	0.00001
539256.25	4215351.38	0.00001	539272.77	4215331.92	0.00001
539264.78	4215324.99	0.00001	539280.77	4215321.79	0.00001
539279.97	4215307.14	0.00001	539287.97	4215313.80	0.00001
539297.83	4215304.74	0.00001	539289.56	4215296.21	0.00001
539311.15	4215287.68	0.00001	539303.69	4215281.28	0.00001
539303.69	4215296.21	0.00001	539314.25	4215271.79	0.00001

539329.09	4215260.48	0.00001	539339.69	4215237.16	0.00001
539357.36	4215232.92	0.00001	539394.11	4215199.70	0.00001
539044.99	4215579.21	0.00001	539034.39	4215591.93	0.00001
539054.88	4215556.59	0.00001	539058.42	4215538.92	0.00001
539054.88	4215520.55	0.00001	539082.44	4215477.44	0.00001
539073.96	4215466.13	0.00001	539098.70	4215440.69	0.00001
539109.30	4215426.56	0.00001	539117.07	4215415.96	0.00001
539125.55	4215401.11	0.00001	539158.77	4215367.19	0.00001
539150.29	4215357.30	0.00001	539184.21	4215339.63	0.00001
539222.37	4215324.79	0.00001	539243.58	4215317.72	0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00001	539364.42	4215191.93	0.00001
539344.64	4215200.41	0.00001	539409.65	4215113.48	0.00001
539355.94	4215136.80	0.00001	539262.66	4215288.75	0.00001
539282.44	4215261.19	0.00001	539299.41	4215235.04	0.00001
538948.91	4216164.24	0.00003	539351.64	4215795.94	0.00001
539171.40	4215646.30	0.00001	539358.95	4215583.01	0.00001
539293.80	4215538.56	0.00001	539260.82	4215517.04	0.00001
539279.41	4215503.60	0.00001	539292.18	4215495.55	0.00001
539318.95	4215487.21	0.00001	539337.11	4215482.84	0.00001
539356.14	4215482.00	0.00001	539369.89	4215483.02	0.00001
539384.66	4215486.57	0.00001	539391.49	4215490.91	0.00001
539342.66	4215571.90	0.00001	539326.38	4215560.79	0.00001
539310.09	4215549.67	0.00001	539277.31	4215527.80	0.00001
539270.11	4215510.32	0.00001	539305.56	4215491.38	0.00001

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                                INCLUDING SOURCE(S):   L0001198   , L0001199   , L0001200   , L0001201   ,
L0001202   ,
               L0001203   , L0001204   , L0001205   , L0001206   , L0001207   , L0001208   , L0001209   ,
L0001210   ,
               L0001211   , L0001212   , L0001213   , L0001214   , L0001215   , L0001216   , L0001217   ,
L0001218   ,
               L0001219   , L0001220   , L0001221   , L0001222   , L0001223   , L0001224   , L0001225   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215958.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00002
0.00002   0.00002
  4215938.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00002   0.00002
  4215918.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00002   0.00002
  4215898.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00002
  4215878.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00002
  4215858.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215838.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215818.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215798.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215778.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215758.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215738.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215718.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215698.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215678.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215658.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215638.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215618.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001

0.00001   0.00001
  4215598.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215578.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215558.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215538.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215518.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215498.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215478.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215458.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215438.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215418.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215398.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215378.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215358.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215338.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                              INCLUDING SOURCE(S):   L0001198   , L0001199   , L0001200   , L0001201   ,
L0001202   ,
               L0001203   , L0001204   , L0001205   , L0001206   , L0001207   , L0001208   , L0001209   ,
L0001210   ,
               L0001211   , L0001212   , L0001213   , L0001214   , L0001215   , L0001216   , L0001217   ,
L0001218   ,
               L0001219   , L0001220   , L0001221   , L0001222   , L0001223   , L0001224   , L0001225   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)

```
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215158.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215138.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215118.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215098.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215078.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215058.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215038.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215018.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4214998.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4214978.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 258
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                INCLUDING SOURCE(S):     L0001198    , L0001199    , L0001200    , L0001201    ,
L0001202    ,
                L0001203    , L0001204    , L0001205    , L0001206    , L0001207    , L0001208    , L0001209    ,
L0001210    ,
                L0001211    , L0001212    , L0001213    , L0001214    , L0001215    , L0001216    , L0001217    ,
L0001218    ,
                L0001219    , L0001220    , L0001221    , L0001222    , L0001223    , L0001224    , L0001225    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215958.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00003
0.00003      0.00003
  4215938.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00003      0.00003
  4215918.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00003      0.00003
  4215898.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00003
  4215878.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00003
  4215858.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215838.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215818.00 |       0.00001      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
```

0.00002 0.00002
4215798.00 | 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215778.00 | 0.00001 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215758.00 | 0.00001 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215738.00 | 0.00001 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215718.00 | 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215698.00 | 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215678.00 | 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215658.00 | 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215638.00 | 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002
0.00002 0.00002
4215618.00 | 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002
0.00002 0.00002
4215598.00 | 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002
0.00002 0.00002
4215578.00 | 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002 0.00002
0.00002 0.00002
4215558.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002
0.00002 0.00002
4215538.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002
0.00002 0.00002
4215518.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002
0.00002 0.00002
4215498.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002
0.00002 0.00002
4215478.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002
0.00002 0.00002
4215458.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00002 0.00002
4215438.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00002 0.00002
4215418.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00002
4215398.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00002
4215378.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00002
4215358.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00002
4215338.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00002 0.00002
4215318.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002
0.00002 0.00002
4215298.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002
0.00002 0.00002
4215278.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002
0.00002 0.00002
4215258.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002
0.00002 0.00002
4215238.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002
0.00002 0.00002
4215218.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002 0.00002
0.00002 0.00002
4215198.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215178.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215158.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215138.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215118.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215098.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215078.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215058.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215038.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215018.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4214998.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4214978.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

(METERS)	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00003	0.00004	0.00004	0.00005	0.00006	0.00007	0.00010	0.00013	0.00011
4215938.00	0.00003	0.00003	0.00004	0.00004	0.00005	0.00006	0.00008	0.00011	0.00012
4215918.00	0.00003	0.00003	0.00004	0.00004	0.00005	0.00006	0.00007	0.00009	0.00010
4215898.00	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00006	0.00007	0.00010
4215878.00	0.00003	0.00003	0.00003	0.00003	0.00004	0.00005	0.00005	0.00007	0.00008
4215858.00	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00006	0.00007
4215838.00	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00006
4215818.00	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00006
4215798.00	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005
4215778.00	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005
4215758.00	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004
4215738.00	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004
4215718.00	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00004
4215698.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003
4215678.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003
4215658.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215638.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215618.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215598.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215578.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215558.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215538.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215518.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215498.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215478.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215458.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215438.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215418.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215398.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215378.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215358.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215338.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002

```
  4215318.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215298.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215278.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215258.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215238.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215218.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215198.00 |       0.00001      0.00001      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215178.00 |       0.00001      0.00001      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 261
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                              INCLUDING SOURCE(S):     L0001198    , L0001199    , L0001200    , L0001201    ,
L0001202    ,
                L0001203    , L0001204    , L0001205    , L0001206    , L0001207    , L0001208    , L0001209    ,
L0001210    ,
                L0001211    , L0001212    , L0001213    , L0001214    , L0001215    , L0001216    , L0001217    ,
L0001218    ,
                L0001219    , L0001220    , L0001221    , L0001222    , L0001223    , L0001224    , L0001225    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00001      0.00001      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215138.00 |       0.00001      0.00001      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215118.00 |       0.00001      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215098.00 |       0.00001      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215078.00 |       0.00001      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215058.00 |       0.00001      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215038.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215018.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4214998.00 |       0.00001      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4214978.00 |       0.00001      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
1*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***

INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00011	0.00010	0.00007	0.00006	0.00005	0.00005	0.00004	0.00004	0.00003
4215938.00	0.00011	0.00010	0.00009	0.00007	0.00006	0.00005	0.00005	0.00004	0.00004
4215918.00	0.00012	0.00010	0.00010	0.00008	0.00006	0.00006	0.00005	0.00004	0.00004
4215898.00	0.00011	0.00012	0.00012	0.00009	0.00007	0.00006	0.00005	0.00005	0.00004
4215878.00	0.00010	0.00012	0.00011	0.00011	0.00009	0.00007	0.00006	0.00005	0.00005
4215858.00	0.00009	0.00012	0.00012	0.00011	0.00010	0.00008	0.00007	0.00006	0.00005
4215838.00	0.00008	0.00010	0.00011	0.00012	0.00010	0.00009	0.00008	0.00006	0.00006
4215818.00	0.00007	0.00008	0.00010	0.00012	0.00011	0.00010	0.00009	0.00007	0.00006
4215798.00	0.00006	0.00007	0.00009	0.00011	0.00012	0.00012	0.00010	0.00008	0.00007
4215778.00	0.00005	0.00006	0.00008	0.00010	0.00012	0.00011	0.00011	0.00010	0.00008
4215758.00	0.00005	0.00006	0.00007	0.00008	0.00011	0.00012	0.00011	0.00011	0.00009
4215738.00	0.00004	0.00005	0.00006	0.00007	0.00009	0.00010	0.00010	0.00011	0.00010
4215718.00	0.00004	0.00005	0.00005	0.00006	0.00008	0.00010	0.00011	0.00011	0.00010
4215698.00	0.00004	0.00004	0.00005	0.00006	0.00007	0.00008	0.00010	0.00011	0.00011
4215678.00	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00009	0.00011	0.00012
4215658.00	0.00003	0.00004	0.00004	0.00005	0.00005	0.00006	0.00008	0.00010	0.00012
4215638.00	0.00003	0.00004	0.00004	0.00004	0.00005	0.00006	0.00007	0.00008	0.00011
4215618.00	0.00003	0.00003	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00009
4215598.00	0.00003	0.00003	0.00004	0.00004	0.00004	0.00005	0.00006	0.00007	0.00008
4215578.00	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007
4215558.00	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00005	0.00006	0.00007
4215538.00	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00006	0.00007

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215518.00	0.00003	0.00003	0.00003	0.00003	0.00004	0.00005	0.00006	0.00006	0.00006
4215498.00	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00006	0.00007	0.00006
4215478.00	0.00003	0.00003	0.00003	0.00004	0.00006	0.00006	0.00008	0.00006	0.00008
4215458.00	0.00003	0.00003	0.00004	0.00005	0.00007	0.00009	0.00007	0.00010	0.00009
4215438.00	0.00003	0.00004	0.00005	0.00006	0.00006	0.00007	0.00008	0.00008	0.00008
4215418.00	0.00003	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00007	0.00007
4215398.00	0.00003	0.00004	0.00004	0.00004	0.00005	0.00006	0.00006	0.00006	0.00006
4215378.00	0.00003	0.00003	0.00003	0.00004	0.00005	0.00005	0.00005	0.00005	0.00006
4215358.00	0.00003	0.00003	0.00003	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005
4215338.00	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005
4215318.00	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215298.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004	0.00004	0.00004
4215278.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004
4215258.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004	0.00004
4215238.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00004
4215218.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215198.00	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215178.00	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215158.00	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215138.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                                INCLUDING SOURCE(S):   L0001198   , L0001199   , L0001200   , L0001201   ,
L0001202   ,
                L0001203   , L0001204   , L0001205   , L0001206   , L0001207   , L0001208   , L0001209   ,
L0001210   ,
                L0001211   , L0001212   , L0001213   , L0001214   , L0001215   , L0001216   , L0001217   ,
L0001218   ,
                L0001219   , L0001220   , L0001221   , L0001222   , L0001223   , L0001224   , L0001225   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215958.00 | 0.00003   0.00003   0.00003   0.00003   0.00002   0.00002   0.00002
0.00002   0.00002
  4215938.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00002   0.00002
0.00002   0.00002
  4215918.00 | 0.00004   0.00003   0.00003   0.00003   0.00003   0.00003   0.00002
0.00002   0.00002
  4215898.00 | 0.00004   0.00004   0.00003   0.00003   0.00003   0.00003   0.00003
0.00002   0.00002
  4215878.00 | 0.00004   0.00004   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00002
  4215858.00 | 0.00004   0.00004   0.00004   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215838.00 | 0.00005   0.00004   0.00004   0.00004   0.00003   0.00003   0.00003
0.00003   0.00003
  4215818.00 | 0.00005   0.00005   0.00004   0.00004   0.00004   0.00003   0.00003
0.00003   0.00003
  4215798.00 | 0.00006   0.00005   0.00004   0.00004   0.00004   0.00004   0.00003
0.00003   0.00003
  4215778.00 | 0.00006   0.00006   0.00005   0.00004   0.00004   0.00004   0.00004
0.00003   0.00003
  4215758.00 | 0.00007   0.00006   0.00005   0.00005   0.00004   0.00004   0.00004
0.00004   0.00003
  4215738.00 | 0.00008   0.00007   0.00006   0.00005   0.00005   0.00004   0.00004
0.00004   0.00003

  4215718.00 | 0.00010   0.00008   0.00006   0.00006   0.00005   0.00005   0.00004
0.00004   0.00003
  4215698.00 | 0.00009   0.00009   0.00007   0.00006   0.00006   0.00005   0.00005
0.00004   0.00004
  4215678.00 | 0.00010   0.00010   0.00008   0.00007   0.00006   0.00006   0.00005
0.00004   0.00004
  4215658.00 | 0.00011   0.00010   0.00010   0.00008   0.00007   0.00006   0.00005
0.00005   0.00004
  4215638.00 | 0.00011   0.00011   0.00009   0.00009   0.00008   0.00007   0.00006
0.00005   0.00004
  4215618.00 | 0.00010   0.00010   0.00011   0.00008   0.00009   0.00007   0.00006
0.00005   0.00004
  4215598.00 | 0.00010   0.00011   0.00010   0.00010   0.00010   0.00008   0.00006
0.00005   0.00004
  4215578.00 | 0.00009   0.00011   0.00011   0.00010   0.00010   0.00008   0.00006
0.00005   0.00004
  4215558.00 | 0.00008   0.00009   0.00011   0.00012   0.00010   0.00009   0.00007
0.00005   0.00004
  4215538.00 | 0.00007   0.00008   0.00010   0.00010   0.00013   0.00010   0.00007
0.00006   0.00005
  4215518.00 | 0.00006   0.00007   0.00010   0.00014   0.00012   0.00010   0.00008
0.00006   0.00005
  4215498.00 | 0.00007   0.00010   0.00012   0.00012   0.00011   0.00010   0.00008
0.00006   0.00005
  4215478.00 | 0.00011   0.00010   0.00010   0.00011   0.00010   0.00009   0.00008
0.00006   0.00005
  4215458.00 | 0.00009   0.00009   0.00009   0.00009   0.00009   0.00009   0.00008
0.00006   0.00005
  4215438.00 | 0.00008   0.00008   0.00008   0.00008   0.00008   0.00008   0.00007
0.00006   0.00005
  4215418.00 | 0.00007   0.00007   0.00008   0.00008   0.00008   0.00007   0.00007
0.00006   0.00005
  4215398.00 | 0.00007   0.00007   0.00007   0.00007   0.00007   0.00007   0.00006
0.00006   0.00005
  4215378.00 | 0.00006   0.00006   0.00006   0.00007   0.00007   0.00006   0.00006
0.00006   0.00005
  4215358.00 | 0.00006   0.00006   0.00006   0.00006   0.00006   0.00006   0.00006
0.00005   0.00005
  4215338.00 | 0.00005   0.00005   0.00006   0.00006   0.00006   0.00006   0.00006
0.00005   0.00005
  4215318.00 | 0.00005   0.00005   0.00005   0.00005   0.00006   0.00005   0.00005
0.00005   0.00005
  4215298.00 | 0.00004   0.00005   0.00005   0.00005   0.00005   0.00005   0.00005
0.00005   0.00005
  4215278.00 | 0.00004   0.00004   0.00005   0.00005   0.00005   0.00005   0.00005
0.00005   0.00004
  4215258.00 | 0.00004   0.00004   0.00004   0.00005   0.00005   0.00005   0.00005
0.00004   0.00004
  4215238.00 | 0.00004   0.00004   0.00004   0.00004   0.00004   0.00004   0.00004
0.00004   0.00004
  4215218.00 | 0.00004   0.00004   0.00004   0.00004   0.00004   0.00004   0.00004
0.00004   0.00004
  4215198.00 | 0.00003   0.00004   0.00004   0.00004   0.00004   0.00004   0.00004
0.00004   0.00004
  4215178.00 | 0.00003   0.00003   0.00004   0.00004   0.00004   0.00004   0.00004
0.00004   0.00004

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                                INCLUDING SOURCE(S):   L0001198   , L0001199   , L0001200   , L0001201   ,
L0001202   ,
                L0001203   , L0001204   , L0001205   , L0001206   , L0001207   , L0001208   , L0001209   ,

L0001210   ,
                L0001211   , L0001212   , L0001213   , L0001214   , L0001215   , L0001216   , L0001217   ,
L0001218   ,
                L0001219   , L0001220   , L0001221   , L0001222   , L0001223   , L0001224   , L0001225   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 0.00003   0.00003   0.00003   0.00004   0.00004   0.00004   0.00004
0.00004   0.00004
  4215138.00 | 0.00003   0.00003   0.00003   0.00003   0.00004   0.00004   0.00004
0.00004   0.00003
  4215118.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00004
0.00003   0.00003
  4215098.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215078.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215058.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215038.00 | 0.00002   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215018.00 | 0.00002   0.00002   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4214998.00 | 0.00002   0.00002   0.00002   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4214978.00 | 0.00002   0.00002   0.00002   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                                INCLUDING SOURCE(S):   L0001198   , L0001199   , L0001200   , L0001201   ,
L0001202   ,
                L0001203   , L0001204   , L0001205   , L0001206   , L0001207   , L0001208   , L0001209   ,
L0001210   ,
                L0001211   , L0001212   , L0001213   , L0001214   , L0001215   , L0001216   , L0001217   ,
L0001218   ,
                L0001219   , L0001220   , L0001221   , L0001222   , L0001223   , L0001224   , L0001225   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

  4215958.00 | 0.00002   0.00002   0.00002   0.00002   0.00002
  4215938.00 | 0.00002   0.00002   0.00002   0.00002   0.00002
  4215918.00 | 0.00002   0.00002   0.00002   0.00002   0.00002
  4215898.00 | 0.00002   0.00002   0.00002   0.00002   0.00002
  4215878.00 | 0.00002   0.00002   0.00002   0.00002   0.00002

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                              INCLUDING SOURCE(S):   L0001198   , L0001199   , L0001200   , L0001201   ,
L0001202   ,
                L0001203   , L0001204   , L0001205   , L0001206   , L0001207   , L0001208   , L0001209   ,
L0001210   ,
                L0001211   , L0001212   , L0001213   , L0001214   , L0001215   , L0001216   , L0001217   ,
L0001218   ,
                L0001219   , L0001220   , L0001221   , L0001222   , L0001223   , L0001224   , L0001225   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

 4215158.00 | 0.00004   0.00003   0.00003   0.00003   0.00003
 4215138.00 | 0.00003   0.00003   0.00003   0.00003   0.00003
 4215118.00 | 0.00003   0.00003   0.00003   0.00003   0.00003
 4215098.00 | 0.00003   0.00003   0.00003   0.00003   0.00003
 4215078.00 | 0.00003   0.00003   0.00003   0.00003   0.00003
 4215058.00 | 0.00003   0.00003   0.00003   0.00003   0.00003

*** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: TK2HR   ***

INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00005	539351.84	4215428.70	0.00005
539361.84	4215428.70	0.00006	539371.84	4215428.70	0.00006
539381.84	4215428.70	0.00006	539341.84	4215438.70	0.00005
539351.84	4215438.70	0.00006	539361.84	4215438.70	0.00006
539371.84	4215438.70	0.00006	539381.84	4215438.70	0.00007
539341.84	4215448.70	0.00005	539351.84	4215448.70	0.00006
539361.84	4215448.70	0.00007	539371.84	4215448.70	0.00007
539381.84	4215448.70	0.00007	539341.84	4215458.70	0.00005
539351.84	4215458.70	0.00006	539361.84	4215458.70	0.00007
539371.84	4215458.70	0.00008	539381.84	4215458.70	0.00009
539341.84	4215468.70	0.00005	539351.84	4215468.70	0.00005
539361.84	4215468.70	0.00006	539371.84	4215468.70	0.00008
539381.84	4215468.70	0.00009	539113.88	4215517.52	0.00002
539096.52	4215515.99	0.00002	539108.26	4215501.18	0.00002
539096.01	4215500.67	0.00002	539108.26	4215486.38	0.00002
539094.47	4215485.36	0.00002	539135.32	4215461.36	0.00002
539150.13	4215439.91	0.00002	539114.39	4215452.68	0.00002
539123.07	4215439.40	0.00002	539159.32	4215421.02	0.00002
539145.02	4215416.43	0.00002	539134.30	4215410.81	0.00002
539131.75	4215425.11	0.00002	539206.80	4215383.75	0.00002

539215.99	4215372.52	0.00002	539188.93	4215382.22	0.00002
539176.17	4215379.67	0.00002	539165.44	4215376.09	0.00002
539248.79	4215356.71	0.00003	539243.45	4215348.45	0.00003
539265.58	4215345.25	0.00002	539260.78	4215338.05	0.00002
539256.25	4215351.38	0.00003	539272.77	4215331.92	0.00002
539264.78	4215324.99	0.00002	539280.77	4215321.79	0.00003
539279.97	4215307.14	0.00003	539287.97	4215313.80	0.00003
539297.83	4215304.74	0.00003	539289.56	4215296.21	0.00003
539311.15	4215287.68	0.00003	539303.69	4215281.28	0.00003
539303.69	4215296.21	0.00003	539314.25	4215271.79	0.00003
539329.09	4215260.48	0.00003	539339.69	4215237.16	0.00003
539357.36	4215232.92	0.00003	539394.11	4215199.70	0.00003
539044.99	4215579.21	0.00002	539034.39	4215591.93	0.00002
539054.88	4215556.59	0.00002	539058.42	4215538.92	0.00002
539054.88	4215520.55	0.00002	539082.44	4215477.44	0.00002
539073.96	4215466.13	0.00002	539098.70	4215440.69	0.00002
539109.30	4215426.56	0.00002	539117.07	4215415.96	0.00002
539125.55	4215401.11	0.00002	539158.77	4215367.19	0.00002
539150.29	4215357.30	0.00002	539184.21	4215339.63	0.00002
539222.37	4215324.79	0.00002	539243.58	4215317.72	0.00002

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00003	539364.42	4215191.93	0.00003

539344.64	4215200.41	0.00003	539409.65	4215113.48	0.00003
539355.94	4215136.80	0.00002	539262.66	4215288.75	0.00002
539282.44	4215261.19	0.00003	539299.41	4215235.04	0.00003
538948.91	4216164.24	0.00003	539351.64	4215795.94	0.00011
539171.40	4215646.30	0.00002	539358.95	4215583.01	0.00004
539293.80	4215538.56	0.00003	539260.82	4215517.04	0.00002
539279.41	4215503.60	0.00003	539292.18	4215495.55	0.00003
539318.95	4215487.21	0.00003	539337.11	4215482.84	0.00004
539356.14	4215482.00	0.00005	539369.89	4215483.02	0.00006
539384.66	4215486.57	0.00005	539391.49	4215490.91	0.00006
539342.66	4215571.90	0.00004	539326.38	4215560.79	0.00003
539310.09	4215549.67	0.00003	539277.31	4215527.80	0.00003
539270.11	4215510.32	0.00002	539305.56	4215491.38	0.00003
539384.98	4215509.33	0.00005	539378.47	4215527.75	0.00004
539371.97	4215546.17	0.00004	539365.46	4215564.59	0.00004

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00011	0.00010	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008	0.00008
4215938.00	0.00010	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008	0.00008	0.00008
4215918.00	0.00010	0.00009	0.00009	0.00009	0.00008	0.00008	0.00008	0.00008	0.00007
4215898.00	0.00009	0.00009	0.00009	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007
4215878.00	0.00009	0.00008	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007
4215858.00	0.00008	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00007
4215838.00	0.00008	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00007	0.00006
4215818.00	0.00008	0.00008	0.00007	0.00007	0.00007	0.00007	0.00007		

```
0.00006      0.00006
  4215798.00 |       0.00008      0.00007      0.00007      0.00007      0.00007      0.00007      0.00006
0.00006      0.00006
  4215778.00 |       0.00007      0.00007      0.00007      0.00007      0.00007      0.00006      0.00006
0.00006      0.00006
  4215758.00 |       0.00007      0.00007      0.00007      0.00007      0.00006      0.00006      0.00006
0.00006      0.00006
  4215738.00 |       0.00007      0.00007      0.00007      0.00006      0.00006      0.00006      0.00006
0.00006      0.00006
  4215718.00 |       0.00007      0.00007      0.00006      0.00006      0.00006      0.00006      0.00006
0.00006      0.00006
  4215698.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00006      0.00006
0.00006      0.00006
  4215678.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00006      0.00006
0.00006      0.00006
  4215658.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00006      0.00006
0.00006      0.00005
  4215638.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00005      0.00005
0.00005      0.00005
  4215618.00 |       0.00006      0.00006      0.00006      0.00006      0.00005      0.00005      0.00005
0.00005      0.00005
  4215598.00 |       0.00006      0.00006      0.00006      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215578.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215558.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215538.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215518.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215498.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215478.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00004
0.00004      0.00004
  4215458.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00004
0.00004      0.00004
  4215438.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00004      0.00004
0.00004      0.00004
  4215418.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00004      0.00004
0.00004      0.00004
  4215398.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215378.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215358.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215338.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215318.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215298.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215278.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215258.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215238.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215218.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215198.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215178.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00003
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
  07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28
```

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***
INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003
4215138.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215118.00	0.00004	0.00004	0.00003	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215098.00	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215078.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215058.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215038.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215018.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4214998.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4214978.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***
INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00008	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007
4215938.00	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00006
4215918.00	0.00007	0.00007	0.00007	0.00007	0.00007	0.00007	0.00006		

0.00006 0.00006
4215898.00 | 0.00007 0.00007 0.00007 0.00006 0.00006 0.00006 0.00006
0.00006 0.00006
4215878.00 | 0.00007 0.00006 0.00006 0.00006 0.00006 0.00006 0.00006
0.00006 0.00006
4215858.00 | 0.00006 0.00006 0.00006 0.00006 0.00006 0.00006 0.00006
0.00006 0.00006
4215838.00 | 0.00006 0.00006 0.00006 0.00006 0.00006 0.00006 0.00006
0.00006 0.00006
4215818.00 | 0.00006 0.00006 0.00006 0.00006 0.00006 0.00006 0.00006
0.00006 0.00006
4215798.00 | 0.00006 0.00006 0.00006 0.00006 0.00006 0.00006 0.00006
0.00005 0.00005
4215778.00 | 0.00006 0.00006 0.00006 0.00006 0.00005 0.00005 0.00005
0.00005 0.00005
4215758.00 | 0.00006 0.00006 0.00006 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
4215738.00 | 0.00006 0.00006 0.00006 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
4215718.00 | 0.00006 0.00006 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
4215698.00 | 0.00006 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
4215678.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
4215658.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
4215638.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
4215618.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
4215598.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00005 0.00005
4215578.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005
0.00004 0.00004
4215558.00 | 0.00005 0.00005 0.00005 0.00005 0.00005 0.00005 0.00004
0.00004 0.00004
4215538.00 | 0.00005 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004
0.00004 0.00004
4215518.00 | 0.00005 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004
0.00004 0.00004
4215498.00 | 0.00005 0.00005 0.00005 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215478.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215458.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215438.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215418.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215398.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215378.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215358.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215338.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215318.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215298.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215278.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215258.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00004 0.00004
4215238.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004
0.00003 0.00003

```
  4215218.00 |       0.00004      0.00003      0.00003      0.00004      0.00004      0.00004      0.00004
0.00003      0.00003
  4215198.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215178.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
```



```
    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                                INCLUDING SOURCE(S):     L0000789    , L0000790    , L0000791    , L0000792    ,
L0000793    ,
                 L0000794    , L0000795    , L0000796    , L0000797    , L0000798    , L0000799    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215138.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215118.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215098.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215078.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215058.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215038.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215018.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4214998.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4214978.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
```



```
    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                                INCLUDING SOURCE(S):     L0000789    , L0000790    , L0000791    , L0000792    ,
L0000793    ,
                 L0000794    , L0000795    , L0000796    , L0000797    , L0000798    , L0000799    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
```

(METERS)	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00006	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005
4215938.00	0.00006	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004
4215918.00	0.00006	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004
4215898.00	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004
4215878.00	0.00006	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004
4215858.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004
4215838.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004
4215818.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004
4215798.00	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004
4215778.00	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215758.00	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215738.00	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215718.00	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215698.00	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215678.00	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215658.00	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215638.00	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215618.00	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215598.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215578.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004
4215558.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003
4215538.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215518.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215498.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215478.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215458.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215438.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215418.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215398.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215378.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215358.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215338.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003

  4215318.00 | 0.00004   0.00004   0.00004   0.00004   0.00004   0.00003   0.00003
0.00003   0.00003
  4215298.00 | 0.00004   0.00004   0.00004   0.00004   0.00004   0.00003   0.00003
0.00003   0.00003
  4215278.00 | 0.00004   0.00004   0.00004   0.00004   0.00003   0.00003   0.00003
0.00003   0.00003
  4215258.00 | 0.00004   0.00004   0.00004   0.00004   0.00003   0.00003   0.00003
0.00003   0.00003
  4215238.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215218.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215198.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215178.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215138.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215118.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215098.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215078.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215058.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215038.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215018.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4214998.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4214978.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:

WKR1HR ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215938.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215918.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215898.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215878.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215858.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003
4215838.00	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003
4215818.00	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215798.00	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215778.00	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215758.00	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215738.00	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215718.00	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215698.00	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215678.00	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215658.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215638.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215618.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215598.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215578.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215558.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215538.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215518.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215498.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215478.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215458.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215438.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002

  4215418.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00002
  4215398.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215378.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215358.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215338.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00002
  4215318.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215298.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215278.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215258.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215238.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215218.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215198.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215178.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215138.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215118.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215098.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215078.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215058.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00003   0.00003
  4215038.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00003
0.00002   0.00002
  4215018.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00002
0.00002   0.00002
  4214998.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00003   0.00002
0.00002   0.00002
  4214978.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00002   0.00002

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215938.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215918.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215898.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215878.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002
4215858.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002
4215838.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
4215818.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
4215798.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002
4215778.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
4215758.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
4215738.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
4215718.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
4215698.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
4215678.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215658.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215638.00	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215618.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215598.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215578.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215558.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215538.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002

  4215518.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215498.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215478.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215458.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215438.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215418.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215398.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215378.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215358.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215338.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215318.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215298.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215278.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215258.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215238.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215218.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215198.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215178.00 | 0.00003   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215138.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215118.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215098.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215078.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.00003	0.00003	0.00002	0.00002	0.00002
4215938.00	0.00003	0.00002	0.00002	0.00002	0.00002
4215918.00	0.00003	0.00002	0.00002	0.00002	0.00002
4215898.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215878.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215858.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215838.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215818.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215798.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215778.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215758.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215738.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215718.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215698.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215678.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215658.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215638.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215618.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215598.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215578.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215558.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215538.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215518.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215498.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215478.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215458.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215438.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215418.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215398.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215378.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215358.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215338.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215318.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215298.00	0.00002	0.00002	0.00002	0.00002	0.00002
4215278.00	0.00002	0.00002	0.00002	0.00002	0.00002

```
  4215258.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215238.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215218.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215198.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215178.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
```



```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                                INCLUDING SOURCE(S):     L0000789    , L0000790    , L0000791    , L0000792    ,
L0000793    ,
                L0000794    , L0000795    , L0000796    , L0000797    , L0000798    , L0000799    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215138.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215118.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215098.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215078.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215058.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215038.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4215018.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4214998.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
  4214978.00 |       0.00002      0.00002      0.00002      0.00002      0.00002
```



```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                                INCLUDING SOURCE(S):     L0000789    , L0000790    , L0000791    , L0000792    ,
L0000793    ,
                L0000794    , L0000795    , L0000796    , L0000797    , L0000798    , L0000799    ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
        539341.84    4215428.70        0.00003                     539351.84    4215428.70        0.00003

        539361.84    4215428.70        0.00003                     539371.84    4215428.70        0.00003

        539381.84    4215428.70        0.00003                     539341.84    4215438.70        0.00003

        539351.84    4215438.70        0.00003                     539361.84    4215438.70        0.00003

        539371.84    4215438.70        0.00003                     539381.84    4215438.70        0.00003
```

539341.84	4215448.70	0.00003	539351.84	4215448.70	0.00003
539361.84	4215448.70	0.00003	539371.84	4215448.70	0.00003
539381.84	4215448.70	0.00003	539341.84	4215458.70	0.00003
539351.84	4215458.70	0.00003	539361.84	4215458.70	0.00003
539371.84	4215458.70	0.00003	539381.84	4215458.70	0.00003
539341.84	4215468.70	0.00003	539351.84	4215468.70	0.00003
539361.84	4215468.70	0.00003	539371.84	4215468.70	0.00003
539381.84	4215468.70	0.00003	539113.88	4215517.52	0.00004
539096.52	4215515.99	0.00004	539108.26	4215501.18	0.00004
539096.01	4215500.67	0.00004	539108.26	4215486.38	0.00004
539094.47	4215485.36	0.00004	539135.32	4215461.36	0.00004
539150.13	4215439.91	0.00004	539114.39	4215452.68	0.00004
539123.07	4215439.40	0.00004	539159.32	4215421.02	0.00004
539145.02	4215416.43	0.00004	539134.30	4215410.81	0.00004
539131.75	4215425.11	0.00004	539206.80	4215383.75	0.00004
539215.99	4215372.52	0.00003	539188.93	4215382.22	0.00004
539176.17	4215379.67	0.00004	539165.44	4215376.09	0.00004
539248.79	4215356.71	0.00003	539243.45	4215348.45	0.00003
539265.58	4215345.25	0.00003	539260.78	4215338.05	0.00003
539256.25	4215351.38	0.00003	539272.77	4215331.92	0.00003
539264.78	4215324.99	0.00003	539280.77	4215321.79	0.00003
539279.97	4215307.14	0.00003	539287.97	4215313.80	0.00003
539297.83	4215304.74	0.00003	539289.56	4215296.21	0.00003
539311.15	4215287.68	0.00003	539303.69	4215281.28	0.00003
539303.69	4215296.21	0.00003	539314.25	4215271.79	0.00003
539329.09	4215260.48	0.00003	539339.69	4215237.16	0.00003
539357.36	4215232.92	0.00003	539394.11	4215199.70	0.00003
539044.99	4215579.21	0.00005	539034.39	4215591.93	0.00005
539054.88	4215556.59	0.00004	539058.42	4215538.92	0.00004
539054.88	4215520.55	0.00004	539082.44	4215477.44	0.00004
539073.96	4215466.13	0.00004	539098.70	4215440.69	0.00004
539109.30	4215426.56	0.00004	539117.07	4215415.96	0.00004
539125.55	4215401.11	0.00004	539158.77	4215367.19	0.00004
539150.29	4215357.30	0.00004	539184.21	4215339.63	0.00004
539222.37	4215324.79	0.00003	539243.58	4215317.72	0.00003

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00003	539364.42	4215191.93	0.00003
539344.64	4215200.41	0.00003	539409.65	4215113.48	0.00003
539355.94	4215136.80	0.00003	539262.66	4215288.75	0.00003
539282.44	4215261.19	0.00003	539299.41	4215235.04	0.00003
538948.91	4216164.24	0.00013	539351.64	4215795.94	0.00003
539171.40	4215646.30	0.00004	539358.95	4215583.01	0.00003
539293.80	4215538.56	0.00003	539260.82	4215517.04	0.00003
539279.41	4215503.60	0.00003	539292.18	4215495.55	0.00003
539318.95	4215487.21	0.00003	539337.11	4215482.84	0.00003
539356.14	4215482.00	0.00003	539369.89	4215483.02	0.00003
539384.66	4215486.57	0.00003	539391.49	4215490.91	0.00003
539342.66	4215571.90	0.00003	539326.38	4215560.79	0.00003
539310.09	4215549.67	0.00003	539277.31	4215527.80	0.00003
539270.11	4215510.32	0.00003	539305.56	4215491.38	0.00003
539384.98	4215509.33	0.00003	539378.47	4215527.75	0.00003
539371.97	4215546.17	0.00003	539365.46	4215564.59	0.00003

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 ,

L0001148   ,
                L0001149   , L0001150   , L0001151   , L0001152   , L0001153   , L0001154   , L0001155   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)									
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008
4215938.00	0.00005	0.00005	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007	0.00007
4215918.00	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007
4215898.00	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007
4215878.00	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007	0.00007
4215858.00	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007
4215838.00	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00007	0.00007
4215818.00	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007
4215798.00	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00006	0.00007
4215778.00	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00006
4215758.00	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00006
4215738.00	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006	0.00006
4215718.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006
4215698.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006	0.00006
4215678.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006	0.00006
4215658.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006
4215638.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006
4215618.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006	0.00006
4215598.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006
4215578.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00006
4215558.00	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
4215538.00	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
4215518.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
4215498.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
4215478.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
4215458.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
4215438.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
4215418.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00005		

```
0.00005      0.00005
  4215398.00 |       0.00004      0.00004      0.00004      0.00004      0.00005      0.00005      0.00005
0.00005      0.00005
  4215378.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00005      0.00005
0.00005      0.00005
  4215358.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00005      0.00005
0.00005      0.00005
  4215338.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00005      0.00005
0.00005      0.00005
  4215318.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00005
0.00005      0.00005
  4215298.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00005
0.00005      0.00005
  4215278.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00005      0.00005
  4215258.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00005      0.00005
  4215238.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00005
0.00005      0.00005
  4215218.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00005      0.00005
0.00005      0.00006
  4215198.00 |       0.00004      0.00004      0.00004      0.00004      0.00005      0.00005      0.00005
0.00005      0.00006
  4215178.00 |       0.00004      0.00004      0.00004      0.00005      0.00005      0.00005      0.00005
0.00005      0.00006
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                  INCLUDING SOURCE(S):     L0001128    , L0001129    , L0001130    , L0001131    ,
L0001132    ,
                 L0001133    , L0001134    , L0001135    , L0001136    , L0001137    , L0001138    , L0001139    ,
L0001140    ,
                 L0001141    , L0001142    , L0001143    , L0001144    , L0001145    , L0001146    , L0001147    ,
L0001148    ,
                 L0001149    , L0001150    , L0001151    , L0001152    , L0001153    , L0001154    , L0001155    ,
. . .       ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00004      0.00004      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00006
  4215138.00 |       0.00004      0.00004      0.00005      0.00005      0.00005      0.00005      0.00005
0.00006      0.00006
  4215118.00 |       0.00004      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00006      0.00006
  4215098.00 |       0.00004      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215078.00 |       0.00004      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215058.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215038.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215018.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00008	0.00008	0.00009	0.00009	0.00010	0.00011	0.00012	0.00013	0.00015
4215938.00	0.00008	0.00008	0.00008	0.00009	0.00010	0.00011	0.00012	0.00013	0.00014
4215918.00	0.00008	0.00008	0.00008	0.00009	0.00010	0.00010	0.00011	0.00012	0.00013
4215898.00	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00011	0.00012	0.00013
4215878.00	0.00007	0.00008	0.00008	0.00008	0.00009	0.00010	0.00011	0.00011	0.00012
4215858.00	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010	0.00010	0.00011	0.00012
4215838.00	0.00007	0.00007	0.00008	0.00008	0.00009	0.00010	0.00010	0.00011	0.00011
4215818.00	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010	0.00011
4215798.00	0.00007	0.00007	0.00007	0.00008	0.00009	0.00009	0.00010	0.00010	0.00011
4215778.00	0.00007	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010
4215758.00	0.00007	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010	0.00010
4215738.00	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00009	0.00010
4215718.00	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00010
4215698.00	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00009	0.00009	0.00009
4215678.00	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009
4215658.00	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009
4215638.00	0.00006	0.00006	0.00007	0.00007	0.00007	0.00008	0.00008	0.00008	0.00009
4215618.00	0.00006	0.00006	0.00006	0.00007	0.00007	0.00008	0.00008		

0.00008 0.00009
4215598.00 | 0.00006 0.00006 0.00006 0.00007 0.00007 0.00007 0.00008
0.00008 0.00008
4215578.00 | 0.00006 0.00006 0.00006 0.00007 0.00007 0.00007 0.00008
0.00008 0.00008
4215558.00 | 0.00006 0.00006 0.00006 0.00007 0.00007 0.00007 0.00008
0.00008 0.00008
4215538.00 | 0.00006 0.00006 0.00006 0.00007 0.00007 0.00007 0.00007
0.00008 0.00008
4215518.00 | 0.00006 0.00006 0.00006 0.00006 0.00007 0.00007 0.00007
0.00008 0.00008
4215498.00 | 0.00005 0.00006 0.00006 0.00006 0.00007 0.00007 0.00007
0.00007 0.00008
4215478.00 | 0.00005 0.00006 0.00006 0.00006 0.00007 0.00007 0.00007
0.00007 0.00008
4215458.00 | 0.00005 0.00006 0.00006 0.00006 0.00006 0.00007 0.00007
0.00007 0.00007
4215438.00 | 0.00005 0.00006 0.00006 0.00006 0.00006 0.00007 0.00007
0.00007 0.00007
4215418.00 | 0.00005 0.00005 0.00006 0.00006 0.00006 0.00006 0.00007
0.00007 0.00007
4215398.00 | 0.00005 0.00005 0.00006 0.00006 0.00006 0.00006 0.00007
0.00007 0.00007
4215378.00 | 0.00005 0.00005 0.00006 0.00006 0.00006 0.00006 0.00007
0.00007 0.00007
4215358.00 | 0.00005 0.00005 0.00006 0.00006 0.00006 0.00006 0.00006
0.00007 0.00007
4215338.00 | 0.00005 0.00005 0.00006 0.00006 0.00006 0.00006 0.00007
0.00007 0.00008
4215318.00 | 0.00005 0.00005 0.00005 0.00006 0.00006 0.00007 0.00007
0.00008 0.00008
4215298.00 | 0.00005 0.00005 0.00006 0.00006 0.00007 0.00007 0.00008
0.00008 0.00009
4215278.00 | 0.00005 0.00005 0.00006 0.00006 0.00007 0.00007 0.00008
0.00008 0.00009
4215258.00 | 0.00005 0.00006 0.00006 0.00007 0.00007 0.00008 0.00008
0.00008 0.00009
4215238.00 | 0.00006 0.00006 0.00007 0.00007 0.00007 0.00008 0.00008
0.00008 0.00008
4215218.00 | 0.00006 0.00006 0.00007 0.00007 0.00007 0.00008 0.00008
0.00008 0.00008
4215198.00 | 0.00006 0.00006 0.00007 0.00007 0.00007 0.00007 0.00007
0.00007 0.00007
4215178.00 | 0.00006 0.00006 0.00007 0.00007 0.00007 0.00007 0.00007
0.00007 0.00006

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

```
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215158.00 |       0.00006      0.00006      0.00007      0.00007      0.00007      0.00007      0.00006
0.00006      0.00006
  4215138.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00006      0.00006
0.00006      0.00006
  4215118.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00006      0.00006
0.00006      0.00006
  4215098.00 |       0.00006      0.00006      0.00005      0.00005      0.00005      0.00005      0.00006
0.00006      0.00006
  4215078.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00006
0.00006      0.00006
  4215058.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00006      0.00006
  4215038.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00006
0.00006      0.00007
  4215018.00 |       0.00004      0.00005      0.00005      0.00005      0.00005      0.00005      0.00006
0.00006      0.00007
  4214998.00 |       0.00004      0.00005      0.00005      0.00005      0.00005      0.00005      0.00006
0.00006      0.00007
  4214978.00 |       0.00004      0.00005      0.00005      0.00005      0.00005      0.00006      0.00006
0.00007      0.00007
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 288
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):     L0001128    , L0001129    , L0001130    , L0001131    ,
L0001132    ,
                L0001133    , L0001134    , L0001135    , L0001136    , L0001137    , L0001138    , L0001139    ,
L0001140    ,
                L0001141    , L0001142    , L0001143    , L0001144    , L0001145    , L0001146    , L0001147    ,
L0001148    ,
                L0001149    , L0001150    , L0001151    , L0001152    , L0001153    , L0001154    , L0001155    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215958.00 |       0.00016      0.00018      0.00020      0.00024      0.00030      0.00039      0.00055
0.00077      0.00068
  4215938.00 |       0.00015      0.00017      0.00019      0.00022      0.00026      0.00033      0.00043
0.00066      0.00073
  4215918.00 |       0.00014      0.00016      0.00018      0.00020      0.00023      0.00029      0.00036
0.00050      0.00061
  4215898.00 |       0.00014      0.00015      0.00016      0.00018      0.00021      0.00025      0.00031
0.00040      0.00057
  4215878.00 |       0.00013      0.00014      0.00015      0.00017      0.00019      0.00023      0.00027
0.00034      0.00044
  4215858.00 |       0.00012      0.00013      0.00015      0.00016      0.00018      0.00021      0.00025
0.00029      0.00037
  4215838.00 |       0.00012      0.00013      0.00014      0.00015      0.00017      0.00019      0.00022
0.00026      0.00032
  4215818.00 |       0.00012      0.00012      0.00013      0.00014      0.00016      0.00018      0.00020
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```
0.00024      0.00028
  4215798.00 |       0.00011      0.00012      0.00013      0.00014      0.00015      0.00017      0.00019
0.00022      0.00025
  4215778.00 |       0.00011      0.00011      0.00012      0.00013      0.00014      0.00016      0.00017
0.00020      0.00023
  4215758.00 |       0.00010      0.00011      0.00012      0.00013      0.00014      0.00015      0.00016
0.00018      0.00021
  4215738.00 |       0.00010      0.00011      0.00011      0.00012      0.00013      0.00014      0.00015
0.00017      0.00019
  4215718.00 |       0.00010      0.00010      0.00011      0.00012      0.00012      0.00013      0.00014
0.00016      0.00018
  4215698.00 |       0.00010      0.00010      0.00011      0.00011      0.00012      0.00013      0.00014
0.00015      0.00017
  4215678.00 |       0.00010      0.00010      0.00010      0.00011      0.00012      0.00012      0.00013
0.00014      0.00016
  4215658.00 |       0.00009      0.00010      0.00010      0.00011      0.00011      0.00012      0.00013
0.00014      0.00015
  4215638.00 |       0.00009      0.00010      0.00010      0.00010      0.00011      0.00011      0.00012
0.00013      0.00014
  4215618.00 |       0.00009      0.00009      0.00010      0.00010      0.00011      0.00011      0.00012
0.00012      0.00013
  4215598.00 |       0.00009      0.00009      0.00009      0.00010      0.00010      0.00011      0.00011
0.00012      0.00013
  4215578.00 |       0.00009      0.00009      0.00009      0.00010      0.00010      0.00011      0.00011
0.00012      0.00012
  4215558.00 |       0.00008      0.00009      0.00009      0.00009      0.00010      0.00010      0.00011
0.00011      0.00012
  4215538.00 |       0.00008      0.00008      0.00009      0.00009      0.00010      0.00010      0.00011
0.00011      0.00012
  4215518.00 |       0.00008      0.00008      0.00009      0.00009      0.00009      0.00010      0.00010
0.00011      0.00012
  4215498.00 |       0.00008      0.00008      0.00008      0.00009      0.00009      0.00010      0.00010
0.00011      0.00011
  4215478.00 |       0.00008      0.00008      0.00008      0.00009      0.00009      0.00009      0.00010
0.00011      0.00011
  4215458.00 |       0.00008      0.00008      0.00008      0.00008      0.00009      0.00009      0.00010
0.00010      0.00011
  4215438.00 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00009      0.00010
0.00011      0.00013
  4215418.00 |       0.00007      0.00008      0.00008      0.00008      0.00009      0.00010      0.00011
0.00013      0.00016
  4215398.00 |       0.00007      0.00007      0.00008      0.00009      0.00010      0.00011      0.00013
0.00015      0.00017
  4215378.00 |       0.00007      0.00008      0.00009      0.00010      0.00011      0.00012      0.00014
0.00015      0.00016
  4215358.00 |       0.00008      0.00009      0.00010      0.00011      0.00011      0.00012      0.00013
0.00014      0.00014
  4215338.00 |       0.00009      0.00009      0.00010      0.00011      0.00011      0.00012      0.00012
0.00012      0.00012
  4215318.00 |       0.00009      0.00010      0.00010      0.00011      0.00011      0.00011      0.00011
0.00010      0.00011
  4215298.00 |       0.00009      0.00010      0.00010      0.00011      0.00010      0.00010      0.00009
0.00010      0.00011
  4215278.00 |       0.00009      0.00010      0.00010      0.00009      0.00009      0.00009      0.00009
0.00010      0.00012
  4215258.00 |       0.00009      0.00009      0.00009      0.00008      0.00008      0.00008      0.00009
0.00010      0.00012
  4215238.00 |       0.00008      0.00008      0.00008      0.00007      0.00008      0.00009      0.00010
0.00011      0.00012
  4215218.00 |       0.00008      0.00007      0.00007      0.00007      0.00008      0.00009      0.00010
0.00011      0.00012
  4215198.00 |       0.00007      0.00007      0.00007      0.00007      0.00008      0.00009      0.00010
0.00011      0.00012
  4215178.00 |       0.00006      0.00007      0.00007      0.00008      0.00009      0.00010      0.00010
0.00011      0.00011
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28
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*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***
INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215158.00	0.00006	0.00007	0.00007	0.00008	0.00009	0.00010	0.00010	0.00011	0.00011
4215138.00	0.00006	0.00007	0.00007	0.00008	0.00009	0.00010	0.00010	0.00011	0.00011
4215118.00	0.00006	0.00007	0.00008	0.00009	0.00009	0.00010	0.00010	0.00010	0.00010
4215098.00	0.00007	0.00007	0.00008	0.00009	0.00009	0.00009	0.00010	0.00010	0.00010
4215078.00	0.00007	0.00007	0.00008	0.00009	0.00009	0.00009	0.00009	0.00009	0.00009
4215058.00	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009	0.00009	0.00009	0.00009
4215038.00	0.00007	0.00008	0.00008	0.00008	0.00009	0.00009	0.00009	0.00009	0.00009
4215018.00	0.00007	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008
4214998.00	0.00007	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008
4214978.00	0.00007	0.00007	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008	0.00008

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***
INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

(METERS)	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00064	0.00056	0.00039	0.00031	0.00027	0.00024	0.00022	0.00020	0.00018
4215938.00	0.00066	0.00059	0.00048	0.00036	0.00030	0.00026	0.00024	0.00021	0.00019
4215918.00	0.00072	0.00063	0.00057	0.00043	0.00034	0.00029	0.00026	0.00023	0.00021
4215898.00	0.00066	0.00071	0.00074	0.00054	0.00039	0.00032	0.00028	0.00025	0.00022
4215878.00	0.00060	0.00071	0.00068	0.00066	0.00048	0.00037	0.00031	0.00027	0.00024
4215858.00	0.00050	0.00070	0.00073	0.00064	0.00058	0.00044	0.00035	0.00030	0.00026
4215838.00	0.00040	0.00057	0.00065	0.00072	0.00061	0.00055	0.00041	0.00033	0.00029
4215818.00	0.00034	0.00045	0.00059	0.00069	0.00069	0.00057	0.00049	0.00038	0.00032
4215798.00	0.00030	0.00037	0.00051	0.00067	0.00068	0.00071	0.00060	0.00045	0.00036
4215778.00	0.00027	0.00032	0.00041	0.00057	0.00075	0.00066	0.00065	0.00057	0.00042
4215758.00	0.00024	0.00028	0.00035	0.00045	0.00062	0.00074	0.00064	0.00066	0.00051
4215738.00	0.00022	0.00026	0.00030	0.00038	0.00051	0.00058	0.00058	0.00063	0.00056
4215718.00	0.00020	0.00023	0.00027	0.00033	0.00041	0.00057	0.00064	0.00069	0.00061
4215698.00	0.00019	0.00022	0.00025	0.00029	0.00035	0.00045	0.00059	0.00068	0.00067
4215678.00	0.00018	0.00020	0.00023	0.00026	0.00031	0.00038	0.00051	0.00066	0.00070
4215658.00	0.00017	0.00019	0.00021	0.00024	0.00027	0.00033	0.00041	0.00057	0.00073
4215638.00	0.00016	0.00017	0.00019	0.00022	0.00025	0.00029	0.00036	0.00046	0.00065
4215618.00	0.00015	0.00016	0.00018	0.00020	0.00023	0.00026	0.00031	0.00039	0.00051
4215598.00	0.00014	0.00016	0.00017	0.00019	0.00021	0.00024	0.00028	0.00034	0.00042
4215578.00	0.00014	0.00015	0.00016	0.00018	0.00020	0.00023	0.00026	0.00030	0.00037
4215558.00	0.00013	0.00014	0.00016	0.00017	0.00019	0.00022	0.00025	0.00029	0.00034
4215538.00	0.00013	0.00014	0.00015	0.00017	0.00019	0.00025	0.00030	0.00035	0.00043
4215518.00	0.00013	0.00014	0.00015	0.00018	0.00021	0.00030	0.00041	0.00032	0.00034
4215498.00	0.00012	0.00014	0.00015	0.00017	0.00023	0.00023	0.00039	0.00041	0.00034
4215478.00	0.00012	0.00014	0.00015	0.00020	0.00032	0.00033	0.00049	0.00037	0.00048
4215458.00	0.00012	0.00015	0.00021	0.00030	0.00041	0.00053	0.00038	0.00059	0.00054
4215438.00	0.00016	0.00020	0.00026	0.00031	0.00035	0.00038	0.00044	0.00045	0.00043
4215418.00	0.00019	0.00022	0.00024	0.00026	0.00028	0.00033	0.00037	0.00037	0.00036
4215398.00	0.00018	0.00020	0.00020	0.00021	0.00025	0.00030	0.00032	0.00032	0.00032
4215378.00	0.00016	0.00016	0.00017	0.00021	0.00024	0.00027	0.00028	0.00028	0.00029
4215358.00	0.00014	0.00014	0.00017	0.00020	0.00023	0.00024	0.00025	0.00025	0.00026
4215338.00	0.00012	0.00015	0.00017	0.00019	0.00021	0.00022	0.00023	0.00023	0.00024

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  4215318.00 |       0.00013      0.00015      0.00017      0.00018      0.00019      0.00020      0.00021
0.00021      0.00022
  4215298.00 |       0.00013      0.00015      0.00016      0.00017      0.00018      0.00018      0.00019
0.00020      0.00021
  4215278.00 |       0.00013      0.00015      0.00016      0.00016      0.00016      0.00017      0.00018
0.00019      0.00020
  4215258.00 |       0.00013      0.00014      0.00015      0.00015      0.00016      0.00016      0.00016
0.00018      0.00019
  4215238.00 |       0.00013      0.00014      0.00014      0.00014      0.00015      0.00016      0.00016
0.00017      0.00018
  4215218.00 |       0.00013      0.00013      0.00013      0.00013      0.00014      0.00015      0.00015
0.00016      0.00017
  4215198.00 |       0.00012      0.00012      0.00013      0.00013      0.00014      0.00014      0.00014
0.00015      0.00016
  4215178.00 |       0.00012      0.00012      0.00012      0.00012      0.00013      0.00013      0.00014
0.00015      0.00015
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 291
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):     L0001128    , L0001129    , L0001130    , L0001131    ,
L0001132    ,
                L0001133    , L0001134    , L0001135    , L0001136    , L0001137    , L0001138    , L0001139    ,
L0001140    ,
                L0001141    , L0001142    , L0001143    , L0001144    , L0001145    , L0001146    , L0001147    ,
L0001148    ,
                L0001149    , L0001150    , L0001151    , L0001152    , L0001153    , L0001154    , L0001155    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00011      0.00011      0.00011      0.00012      0.00012      0.00013      0.00013
0.00014      0.00015
  4215138.00 |       0.00011      0.00011      0.00011      0.00012      0.00012      0.00012      0.00013
0.00013      0.00014
  4215118.00 |       0.00010      0.00010      0.00011      0.00011      0.00011      0.00012      0.00012
0.00013      0.00014
  4215098.00 |       0.00010      0.00010      0.00011      0.00011      0.00011      0.00011      0.00012
0.00013      0.00013
  4215078.00 |       0.00009      0.00010      0.00010      0.00011      0.00011      0.00011      0.00012
0.00012      0.00013
  4215058.00 |       0.00009      0.00010      0.00010      0.00010      0.00010      0.00011      0.00011
0.00012      0.00012
  4215038.00 |       0.00009      0.00010      0.00010      0.00010      0.00010      0.00011      0.00011
0.00011      0.00012
  4215018.00 |       0.00009      0.00009      0.00009      0.00009      0.00010      0.00010      0.00011
0.00011      0.00012
  4214998.00 |       0.00009      0.00009      0.00009      0.00009      0.00009      0.00010      0.00010
0.00011      0.00011
  4214978.00 |       0.00009      0.00009      0.00009      0.00009      0.00009      0.00010      0.00010
0.00010      0.00011
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012	0.00012	0.00011	0.00011
4215938.00	0.00017	0.00016	0.00015	0.00014	0.00013	0.00012	0.00012	0.00012	0.00011
4215918.00	0.00018	0.00017	0.00016	0.00015	0.00014	0.00013	0.00013	0.00012	0.00012
4215898.00	0.00019	0.00018	0.00017	0.00015	0.00014	0.00014	0.00013	0.00013	0.00013
4215878.00	0.00021	0.00019	0.00018	0.00016	0.00015	0.00015	0.00014	0.00014	0.00013
4215858.00	0.00023	0.00020	0.00019	0.00017	0.00016	0.00015	0.00015	0.00014	0.00014
4215838.00	0.00025	0.00022	0.00020	0.00018	0.00017	0.00016	0.00016	0.00015	0.00014
4215818.00	0.00027	0.00024	0.00021	0.00020	0.00018	0.00017	0.00017	0.00016	0.00015
4215798.00	0.00030	0.00026	0.00023	0.00021	0.00020	0.00019	0.00018	0.00017	0.00016
4215778.00	0.00034	0.00029	0.00025	0.00023	0.00021	0.00020	0.00019	0.00018	0.00017
4215758.00	0.00039	0.00032	0.00028	0.00025	0.00023	0.00022	0.00021	0.00019	0.00017
4215738.00	0.00047	0.00037	0.00031	0.00027	0.00025	0.00024	0.00022	0.00020	0.00018
4215718.00	0.00057	0.00043	0.00034	0.00030	0.00028	0.00026	0.00024	0.00021	0.00019
4215698.00	0.00064	0.00052	0.00039	0.00034	0.00031	0.00028	0.00026	0.00022	0.00019
4215678.00	0.00062	0.00056	0.00047	0.00039	0.00035	0.00031	0.00028	0.00023	0.00020
4215658.00	0.00068	0.00057	0.00059	0.00045	0.00040	0.00034	0.00029	0.00025	0.00021
4215638.00	0.00064	0.00067	0.00051	0.00055	0.00046	0.00038	0.00032	0.00026	0.00022
4215618.00	0.00060	0.00063	0.00065	0.00047	0.00054	0.00043	0.00034	0.00027	0.00021
4215598.00	0.00058	0.00065	0.00061	0.00062	0.00065	0.00048	0.00035	0.00026	0.00021
4215578.00	0.00047	0.00062	0.00070	0.00060	0.00060	0.00049	0.00034	0.00026	0.00022
4215558.00	0.00042	0.00050	0.00068	0.00073	0.00064	0.00055	0.00037	0.00028	0.00022
4215538.00	0.00034	0.00045	0.00055	0.00061	0.00085	0.00058	0.00041	0.00030	0.00024

  4215518.00 | 0.00036   0.00040   0.00059   0.00087   0.00076   0.00057   0.00044
0.00033   0.00026
  4215498.00 | 0.00043   0.00058   0.00069   0.00070   0.00066   0.00056   0.00043
0.00036   0.00028
  4215478.00 | 0.00064   0.00057   0.00057   0.00059   0.00057   0.00053   0.00043
0.00036   0.00030
  4215458.00 | 0.00050   0.00048   0.00049   0.00051   0.00051   0.00048   0.00042
0.00035   0.00030
  4215438.00 | 0.00042   0.00042   0.00043   0.00045   0.00046   0.00043   0.00041
0.00035   0.00029
  4215418.00 | 0.00037   0.00038   0.00039   0.00040   0.00041   0.00040   0.00039
0.00034   0.00029
  4215398.00 | 0.00033   0.00034   0.00035   0.00037   0.00038   0.00037   0.00036
0.00034   0.00029
  4215378.00 | 0.00030   0.00031   0.00033   0.00034   0.00035   0.00035   0.00033
0.00032   0.00029
  4215358.00 | 0.00028   0.00029   0.00030   0.00031   0.00032   0.00032   0.00031
0.00030   0.00029
  4215338.00 | 0.00025   0.00027   0.00028   0.00029   0.00030   0.00030   0.00030
0.00029   0.00028
  4215318.00 | 0.00023   0.00025   0.00026   0.00027   0.00028   0.00028   0.00028
0.00027   0.00026
  4215298.00 | 0.00022   0.00023   0.00024   0.00026   0.00027   0.00027   0.00027
0.00026   0.00025
  4215278.00 | 0.00020   0.00022   0.00023   0.00024   0.00025   0.00025   0.00025
0.00025   0.00024
  4215258.00 | 0.00019   0.00021   0.00022   0.00023   0.00024   0.00024   0.00024
0.00024   0.00023
  4215238.00 | 0.00018   0.00019   0.00020   0.00021   0.00023   0.00023   0.00023
0.00023   0.00022
  4215218.00 | 0.00017   0.00018   0.00019   0.00020   0.00021   0.00022   0.00022
0.00022   0.00021
  4215198.00 | 0.00017   0.00017   0.00018   0.00019   0.00020   0.00021   0.00021
0.00021   0.00021
  4215178.00 | 0.00016   0.00016   0.00017   0.00018   0.00019   0.00020   0.00020
0.00020   0.00020

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):   L0001128   , L0001129   , L0001130   , L0001131   ,
L0001132   ,
                L0001133   , L0001134   , L0001135   , L0001136   , L0001137   , L0001138   , L0001139   ,
L0001140   ,
                L0001141   , L0001142   , L0001143   , L0001144   , L0001145   , L0001146   , L0001147   ,
L0001148   ,
                L0001149   , L0001150   , L0001151   , L0001152   , L0001153   , L0001154   , L0001155   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 0.00015   0.00016   0.00017   0.00017   0.00018   0.00019   0.00020
0.00019   0.00019
  4215138.00 | 0.00015   0.00015   0.00016   0.00017   0.00017   0.00018   0.00019
0.00019   0.00018

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):   L0001128   , L0001129   , L0001130   , L0001131   ,
L0001132   ,
                L0001133   , L0001134   , L0001135   , L0001136   , L0001137   , L0001138   , L0001139   ,
L0001140   ,
                L0001141   , L0001142   , L0001143   , L0001144   , L0001145   , L0001146   , L0001147   ,
L0001148   ,
                L0001149   , L0001150   , L0001151   , L0001152   , L0001153   , L0001154   , L0001155   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

  4215958.00 | 0.00011   0.00010   0.00010   0.00009   0.00009
  4215938.00 | 0.00011   0.00011   0.00010   0.00010   0.00009
  4215918.00 | 0.00012   0.00011   0.00010   0.00010   0.00009
  4215898.00 | 0.00012   0.00011   0.00011   0.00010   0.00010
  4215878.00 | 0.00013   0.00012   0.00011   0.00010   0.00010
  4215858.00 | 0.00013   0.00012   0.00011   0.00011   0.00010
  4215838.00 | 0.00013   0.00013   0.00012   0.00011   0.00010
  4215818.00 | 0.00014   0.00013   0.00012   0.00011   0.00010
  4215798.00 | 0.00015   0.00013   0.00012   0.00011   0.00011
  4215778.00 | 0.00015   0.00014   0.00013   0.00012   0.00011
  4215758.00 | 0.00016   0.00014   0.00013   0.00012   0.00011
  4215738.00 | 0.00016   0.00015   0.00013   0.00012   0.00011
  4215718.00 | 0.00017   0.00015   0.00013   0.00012   0.00011
  4215698.00 | 0.00017   0.00015   0.00014   0.00012   0.00011
  4215678.00 | 0.00018   0.00016   0.00013   0.00012   0.00011
  4215658.00 | 0.00018   0.00015   0.00013   0.00012   0.00010
  4215638.00 | 0.00018   0.00015   0.00013   0.00011   0.00010
  4215618.00 | 0.00018   0.00015   0.00013   0.00012   0.00011
  4215598.00 | 0.00017   0.00015   0.00014   0.00012   0.00011
  4215578.00 | 0.00018   0.00016   0.00014   0.00013   0.00011
  4215558.00 | 0.00019   0.00016   0.00015   0.00013   0.00012
  4215538.00 | 0.00020   0.00017   0.00015   0.00014   0.00012
  4215518.00 | 0.00022   0.00019   0.00016   0.00014   0.00013
  4215498.00 | 0.00023   0.00020   0.00017   0.00015   0.00014
  4215478.00 | 0.00024   0.00021   0.00018   0.00016   0.00014

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):   L0001128   , L0001129   , L0001130   , L0001131   ,
L0001132   ,
                L0001133   , L0001134   , L0001135   , L0001136   , L0001137   , L0001138   , L0001139   ,
L0001140   ,
                L0001141   , L0001142   , L0001143   , L0001144   , L0001145   , L0001146   , L0001147   ,
L0001148   ,
                L0001149   , L0001150   , L0001151   , L0001152   , L0001153   , L0001154   , L0001155   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

 4215158.00 | 0.00019   0.00018   0.00018   0.00017   0.00016
 4215138.00 | 0.00018   0.00018   0.00018   0.00017   0.00016
 4215118.00 | 0.00017   0.00017   0.00017   0.00017   0.00016
 4215098.00 | 0.00017   0.00017   0.00016   0.00016   0.00016
 4215078.00 | 0.00016   0.00016   0.00016   0.00016   0.00016
 4215058.00 | 0.00016   0.00016   0.00015   0.00015   0.00015
 4215038.00 | 0.00016   0.00015   0.00015   0.00015   0.00015
 4215018.00 | 0.00015   0.00015   0.00014   0.00014   0.00014
 4214998.00 | 0.00015   0.00014   0.00014   0.00014   0.00014
 4214978.00 | 0.00014   0.00014   0.00014   0.00013   0.00013

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):   L0001128   , L0001129   , L0001130   , L0001131   ,
L0001132   ,
                L0001133   , L0001134   , L0001135   , L0001136   , L0001137   , L0001138   , L0001139   ,
L0001140   ,
                L0001141   , L0001142   , L0001143   , L0001144   , L0001145   , L0001146   , L0001147   ,
L0001148   ,

L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00029	539351.84	4215428.70	0.00030
539361.84	4215428.70	0.00031	539371.84	4215428.70	0.00032
539381.84	4215428.70	0.00034	539341.84	4215438.70	0.00031
539351.84	4215438.70	0.00033	539361.84	4215438.70	0.00035
539371.84	4215438.70	0.00037	539381.84	4215438.70	0.00038
539341.84	4215448.70	0.00031	539351.84	4215448.70	0.00035
539361.84	4215448.70	0.00039	539371.84	4215448.70	0.00043
539381.84	4215448.70	0.00044	539341.84	4215458.70	0.00028
539351.84	4215458.70	0.00034	539361.84	4215458.70	0.00040
539371.84	4215458.70	0.00046	539381.84	4215458.70	0.00052
539341.84	4215468.70	0.00024	539351.84	4215468.70	0.00030
539361.84	4215468.70	0.00037	539371.84	4215468.70	0.00046
539381.84	4215468.70	0.00055	539113.88	4215517.52	0.00008
539096.52	4215515.99	0.00008	539108.26	4215501.18	0.00008
539096.01	4215500.67	0.00008	539108.26	4215486.38	0.00008
539094.47	4215485.36	0.00008	539135.32	4215461.36	0.00008
539150.13	4215439.91	0.00008	539114.39	4215452.68	0.00008
539123.07	4215439.40	0.00008	539159.32	4215421.02	0.00008
539145.02	4215416.43	0.00008	539134.30	4215410.81	0.00008
539131.75	4215425.11	0.00008	539206.80	4215383.75	0.00012
539215.99	4215372.52	0.00013	539188.93	4215382.22	0.00011
539176.17	4215379.67	0.00010	539165.44	4215376.09	0.00010
539248.79	4215356.71	0.00014	539243.45	4215348.45	0.00013
539265.58	4215345.25	0.00013	539260.78	4215338.05	0.00012
539256.25	4215351.38	0.00014	539272.77	4215331.92	0.00011
539264.78	4215324.99	0.00011	539280.77	4215321.79	0.00012
539279.97	4215307.14	0.00013	539287.97	4215313.80	0.00013
539297.83	4215304.74	0.00014	539289.56	4215296.21	0.00014
539311.15	4215287.68	0.00015	539303.69	4215281.28	0.00015
539303.69	4215296.21	0.00015	539314.25	4215271.79	0.00015

539329.09	4215260.48	0.00015	539339.69	4215237.16	0.00014
539357.36	4215232.92	0.00014	539394.11	4215199.70	0.00014
539044.99	4215579.21	0.00008	539034.39	4215591.93	0.00008
539054.88	4215556.59	0.00008	539058.42	4215538.92	0.00008
539054.88	4215520.55	0.00007	539082.44	4215477.44	0.00008
539073.96	4215466.13	0.00007	539098.70	4215440.69	0.00008
539109.30	4215426.56	0.00007	539117.07	4215415.96	0.00007
539125.55	4215401.11	0.00007	539158.77	4215367.19	0.00010
539150.29	4215357.30	0.00010	539184.21	4215339.63	0.00012
539222.37	4215324.79	0.00012	539243.58	4215317.72	0.00010

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***
INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00014	539364.42	4215191.93	0.00013
539344.64	4215200.41	0.00013	539409.65	4215113.48	0.00012
539355.94	4215136.80	0.00012	539262.66	4215288.75	0.00011
539282.44	4215261.19	0.00013	539299.41	4215235.04	0.00014
538948.91	4216164.24	0.00013	539351.64	4215795.94	0.00066
539171.40	4215646.30	0.00011	539358.95	4215583.01	0.00020
539293.80	4215538.56	0.00013	539260.82	4215517.04	0.00012
539279.41	4215503.60	0.00012	539292.18	4215495.55	0.00013
539318.95	4215487.21	0.00015	539337.11	4215482.84	0.00017
539356.14	4215482.00	0.00024	539369.89	4215483.02	0.00033
539384.66	4215486.57	0.00030	539391.49	4215490.91	0.00032

539342.66	4215571.90	0.00018	539326.38	4215560.79	0.00016
539310.09	4215549.67	0.00014	539277.31	4215527.80	0.00012
539270.11	4215510.32	0.00012	539305.56	4215491.38	0.00014
539384.98	4215509.33	0.00032	539378.47	4215527.75	0.00025
539371.97	4215546.17	0.00021	539365.46	4215564.59	0.00020

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	2.46269	2.64387	2.79907	2.97296	3.09044	3.17895	3.38147	3.52428	3.59081
4215938.00	2.42479	2.58204	2.76110	2.94286	3.13238	3.27601	3.36836	3.59943	3.76381
4215918.00	2.31193	2.51918	2.70526	2.88282	3.09700	3.30334	3.47805	3.59083	3.84094
4215898.00	2.13448	2.37487	2.61306	2.83211	3.01749	3.25958	3.48626	3.69878	3.83861
4215878.00	1.96381	2.17091	2.43235	2.70428	2.96025	3.18455	3.43206	3.68395	3.94092
4215858.00	1.82620	2.02077	2.23085	2.48724	2.79074	3.08927	3.35946	3.61378	3.90684
4215838.00	1.76930	1.87222	2.07196	2.29808	2.55055	2.87061	3.21764	3.54081	3.81709
4215818.00	1.76743	1.86856	1.98325	2.11463	2.36933	2.63965	2.94888	3.34180	3.72632
4215798.00	1.78165	1.87366	1.97475	2.10442	2.24005	2.43122	2.73346	3.06542	3.45699
4215778.00	1.82148	1.88876	1.98944	2.10019	2.22775	2.38952	2.56232	2.82181	3.18361
4215758.00	1.86336	1.95367	2.04443	2.12907	2.23832	2.37157	2.54166	2.73790	2.95851
4215738.00	1.89708	1.98459	2.08282	2.19558	2.30998	2.41818	2.54274	2.70249	2.92984
4215718.00	2.06995	2.09653	2.14090	2.22235	2.34021	2.48258	2.62952	2.77072	2.91703
4215698.00	2.23173	2.29013	2.35385	2.41897	2.47165	2.50925	2.65364	2.82788	3.02288
4215678.00	2.30055	2.39068	2.48325	2.59157	2.69863	2.80229	2.89352	2.96926	3.06785

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  4215658.00 |       2.41188      2.49429      2.58528      2.68974      2.81115      2.95075      3.11222
3.26701      3.41011
  4215638.00 |       2.42171      2.48945      2.60943      2.75675      2.93012      3.10975      3.29400
3.46730      3.63766
  4215618.00 |       2.39041      2.46425      2.55328      2.64038      2.84617      3.06848      3.30764
3.55139      3.78947
  4215598.00 |       2.25709      2.37209      2.47038      2.54740      2.72957      2.93004      3.15093
3.35940      3.61753
  4215578.00 |       2.17946      2.27315      2.37213      2.42282      2.57909      2.75268      2.94622
3.16233      3.36681
  4215558.00 |       2.17049      2.26656      2.35762      2.45441      2.60309      2.76689      2.94788
3.08614      3.24476
  4215538.00 |       2.06738      2.15124      2.24060      2.33589      2.47675      2.63194      2.80365
3.00234      3.12152
  4215518.00 |       1.88490      1.96128      2.04294      2.13947      2.25420      2.39051      2.54129
2.69748      2.85904
  4215498.00 |       1.63308      1.70087      1.77830      1.85657      1.95290      2.05829      2.18091
2.30202      2.43573
  4215478.00 |       1.33921      1.39676      1.48235      1.57561      1.68669      1.80250      1.93618
2.08407      2.23884
  4215458.00 |       1.40349      1.48766      1.57442      1.66939      1.78939      1.92861      2.08114
2.26517      2.47999
  4215438.00 |       1.59171      1.68900      1.79177      1.91234      2.05240      2.19538      2.35797
2.53371      2.74835
  4215418.00 |       1.76804      1.87055      1.97849      2.09917      2.21861      2.34287      2.47118
2.61442      2.79380
  4215398.00 |       1.86814      1.95475      2.04346      2.14088      2.24231      2.34417      2.45474
2.56457      2.69511
  4215378.00 |       1.87050      1.94286      2.02064      2.09150      2.15963      2.22345      2.28982
2.34945      2.42025
  4215358.00 |       1.79950      1.85234      1.89770      1.93865      1.97381      2.00846      2.08412
2.20978      2.36440
  4215338.00 |       1.66090      1.69101      1.71250      1.78749      1.89181      1.98687      2.08460
2.38480      2.92607
  4215318.00 |       1.56002      1.64519      1.71961      1.79886      1.88254      2.15868      2.60317
3.12614      3.73095
  4215298.00 |       1.57957      1.64208      1.71114      1.96228      2.33785      2.77682      3.27772
3.82184      4.37362
  4215278.00 |       1.57873      1.79243      2.11286      2.48290      2.90603      3.36654      3.84289
4.39897      5.06656
  4215258.00 |       1.91972      2.23689      2.59609      2.98422      3.39338      3.81401      4.40973
4.95877      5.40233
  4215238.00 |       2.33589      2.67364      3.02486      3.37172      3.85522      4.35266      4.78637
5.10405      5.32281
  4215218.00 |       2.71471      3.02495      3.39421      3.84153      4.24499      4.56689      4.79279
4.96549      5.35508
  4215198.00 |       3.00453      3.41414      3.79004      4.10255      4.33101      4.48291      4.73100
5.08494      5.40120
  4215178.00 |       3.39621      3.70332      3.93940      4.09027      4.18255      4.50532      4.83252
5.06653      5.15364
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  17:44:28

  PAGE 299
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                  INCLUDING SOURCE(S):     L0000767    , L0000768    , L0000769    , L0000770    ,
L0000771    ,
               L0000772    , L0000773    , L0000774    , L0000775    , L0000776    , L0000777    , L0000789    ,
L0000790    ,
               L0000791    , L0000792    , L0000793    , L0000794    , L0000795    , L0000796    , L0000797    ,
L0000798    ,
               L0000799    , L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    ,
. . .       ,
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Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	3.58869	3.75663	3.85711	4.02976	4.30713	4.59103	4.75079	4.77617	4.66124
4215138.00	3.56134	3.61788	3.87444	4.14335	4.36132	4.47376	4.45119	4.29918	4.02301
4215118.00	3.48930	3.72385	3.97601	4.14305	4.20553	4.15624	3.98276	3.70408	3.39844
4215098.00	3.60240	3.80777	3.93129	3.95770	3.88265	3.69873	3.42156	3.15050	2.91805
4215078.00	3.64073	3.72726	3.72412	3.62921	3.43903	3.16906	2.92911	2.70881	2.87570
4215058.00	3.53174	3.50456	3.39224	3.20145	2.94011	2.72938	2.52068	2.70857	2.87651
4215038.00	3.29859	3.17577	2.98390	2.73215	2.54652	2.36398	2.55940	2.72422	2.81059
4215018.00	2.97541	2.78451	2.54937	2.37887	2.22453	2.42165	2.58261	2.67443	2.68683
4214998.00	2.60108	2.38980	2.22494	2.09697	2.29425	2.45087	2.54645	2.57092	2.72758
4214978.00	2.24219	2.08342	1.98346	2.17412	2.32818	2.42618	2.46048	2.56043	2.87331

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	3.61435	3.73516	3.85618	4.06399	4.17040	4.38359	4.81043	5.21423	5.34792
4215938.00	3.84071	3.88003	4.02285	4.16023	4.38632	4.51080	4.79007	5.29812	5.62060
4215918.00	4.03051	4.12022	4.17762	4.34634	4.49948	4.74353	4.88445	5.23818	5.81254
4215898.00	4.10967	4.32932	4.43362	4.51224	4.71076	4.87842	5.13711	5.30350	5.84577
4215878.00	4.11373	4.40970	4.66473	4.78740	4.89105	5.12312	5.33937	5.57124	5.86644

4215858.00	4.20615	4.41989	4.74523	5.04400	5.18911	5.35151	5.58622	5.86003	6.06076
4215838.00	4.15856	4.49664	4.76045	5.12325	5.47540	5.64818	5.88266	6.11268	6.45293
4215818.00	4.06653	4.42829	4.81444	5.14190	5.55150	5.96935	6.17891	6.49778	6.74578
4215798.00	3.91208	4.32957	4.71671	5.16345	5.57451	6.03962	6.54201	6.80504	7.21317
4215778.00	3.58960	4.09344	4.60337	5.04207	5.55158	6.06737	6.60430	7.20879	7.54424
4215758.00	3.31148	3.76705	4.26762	4.88617	5.44411	6.01331	6.62979	7.25735	7.99123
4215738.00	3.17598	3.45842	3.93655	4.51712	5.17444	5.87794	6.52467	7.26909	8.01938
4215718.00	3.12473	3.42104	3.74753	4.11637	4.78762	5.49738	6.33889	7.10668	8.00086
4215698.00	3.21143	3.38819	3.66954	4.05650	4.49474	5.04019	5.92266	6.82120	7.83033
4215678.00	3.25368	3.51412	3.77113	4.00948	4.38637	4.90793	5.49346	6.34378	7.45745
4215658.00	3.54710	3.66279	3.87204	4.16898	4.49420	4.83262	5.34581	6.07712	6.87678
4215638.00	3.83202	4.05884	4.28167	4.48286	4.70297	5.10729	5.54565	5.96273	6.67836
4215618.00	4.06305	4.35197	4.64695	4.94111	5.23981	5.57653	5.89640	6.37711	7.05506
4215598.00	3.94794	4.32080	4.73031	5.17238	5.64383	6.14114	6.65158	7.16258	7.66774
4215578.00	3.58905	3.88384	4.30699	4.81447	5.39084	6.04198	6.77151	7.58417	8.47741
4215558.00	3.40258	3.62129	3.93233	4.31244	4.75934	5.27996	5.90690	6.81449	7.89561
4215538.00	3.23593	3.40280	3.64555	3.95966	4.34389	4.82250	5.39337	6.07821	6.90958
4215518.00	2.94840	3.10941	3.28158	3.52178	3.84906	4.23262	4.67921	5.20973	5.84723
4215498.00	2.54738	2.67787	2.83964	3.03135	3.29066	3.60842	3.97296	4.40619	4.94361
4215478.00	2.42029	2.57311	2.77974	3.02393	3.35367	3.73804	4.27106	4.91648	5.68057
4215458.00	2.72148	2.99354	3.24026	3.51182	3.82081	4.18791	4.67557	5.21550	5.80615
4215438.00	2.98362	3.22661	3.50379	3.71214	3.90147	4.12226	4.44469	4.76459	5.15451
4215418.00	2.99050	3.19646	3.39390	3.55662	3.60896	3.70635	4.12232	5.27128	6.98283
4215398.00	2.82439	2.94945	3.04010	3.15533	3.57193	4.40900	5.68326	7.17513	9.09919
4215378.00	2.53232	2.73135	3.09301	3.84332	4.82939	5.95210	7.29835	8.96846	10.49996
4215358.00	2.68274	3.34610	4.13210	5.03320	5.98901	7.26883	8.55211	9.60182	10.41767
4215338.00	3.57080	4.30943	5.09390	6.03588	7.10714	8.02218	8.76267	9.47009	10.28668
4215318.00	4.38169	5.07617	6.00227	6.83605	7.47250	7.94703	8.64147	9.30052	9.59351
4215298.00	5.11066	5.86510	6.49148	6.95081	7.35264	7.93468	8.44565	8.55777	8.19382
4215278.00	5.65397	6.09362	6.41904	6.88756	7.40925	7.72387	7.68710	7.25880	6.50711
4215258.00	5.71330	5.98519	6.43997	6.89487	7.09034	6.94794	6.49634	5.84770	5.54950
4215238.00	5.66948	6.09931	6.42649	6.51602	6.31315	5.84163	5.29748	5.08912	5.52989
4215218.00	5.75343	5.98682	5.99523	5.75147	5.28397	4.83012	4.70573	5.01676	5.46026
4215198.00	5.55746	5.51374	5.25248	4.79638	4.41802	4.35134	4.56678	5.00468	5.61112
4215178.00	5.06430	4.80155	4.36748	4.05247	4.04943	4.25177	4.59520		

4.95361   6.21299

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   , L0000789   ,
L0000790   ,
                L0000791   , L0000792   , L0000793   , L0000794   , L0000795   , L0000796   , L0000797   ,
L0000798   ,
                L0000799   , L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 4.39096   3.99806   3.72619   3.77783   3.98244   4.22721   4.51719
5.43411   6.64883
  4215138.00 | 3.67871   3.42395   3.52403   3.71570   3.88712   4.19398   4.78568
5.94369   6.81701
  4215118.00 | 3.15626   3.27473   3.47563   3.57546   3.88590   4.31182   5.27115
6.23224   6.73955
  4215098.00 | 3.05884   3.25061   3.32398   3.58791   3.95732   4.68959   5.65270
6.30030   6.50459
  4215078.00 | 3.04766   3.12709   3.31953   3.64112   4.17571   5.08330   5.83510
6.17079   6.10063
  4215058.00 | 2.95534   3.07763   3.34015   3.77715   4.54316   5.34970   5.82709
5.91656   5.87449
  4215038.00 | 2.87563   3.09984   3.49532   4.06557   4.84895   5.42597   5.64447
5.54237   5.73877
  4215018.00 | 2.90728   3.27104   3.67063   4.38156   5.00652   5.33847   5.35488
5.32686   5.55838
  4214998.00 | 3.06750   3.37751   3.96660   4.60854   5.02564   5.14555   5.06328
5.19030   5.30319
  4214978.00 | 3.19241   3.59779   4.22435   4.70549   4.91023   4.85701   4.85792
5.03289   5.03319

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   , L0000789   ,
L0000790   ,
                L0000791   , L0000792   , L0000793   , L0000794   , L0000795   , L0000796   , L0000797   ,
L0000798   ,
                L0000799   , L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   ,
. . .   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	5.44637	5.71921	5.86587	6.01424	5.72497	5.80943	5.98957	6.19823	6.32395
4215938.00	5.71555	5.90478	6.22930	6.38548	6.27691	6.17521	6.35723	6.52106	6.74506
4215918.00	6.05415	6.18067	6.51620	6.69726	6.81679	6.53791	6.71664	6.89859	7.21491
4215898.00	6.34629	6.55063	6.76332	7.13771	7.32068	7.06812	7.06011	7.36977	7.70268
4215878.00	6.50558	6.90671	7.08558	7.50694	7.75181	7.78661	7.54385	7.86450	8.20254
4215858.00	6.48651	7.20803	7.57626	7.83583	8.27228	8.47383	8.12939	8.40987	8.74547
4215838.00	6.66652	7.30782	7.94065	8.27064	8.76056	9.08685	8.97694	8.92870	9.30216
4215818.00	7.12636	7.40094	8.23879	8.85941	9.21102	9.73221	9.93718	9.58492	10.06194
4215798.00	7.48180	7.89767	8.32121	9.25661	9.81726	10.39715	10.82210	10.49160	10.89885
4215778.00	8.05278	8.38054	8.77909	9.48134	10.49433	11.02233	11.66828	11.83425	11.75446
4215758.00	8.41889	9.04942	9.47205	9.79209	10.90386	11.88690	12.58943	13.13344	12.75550
4215738.00	8.92031	9.46820	10.24006	10.77490	11.17500	12.61216	13.47085	14.31233	14.38211
4215718.00	8.91754	10.03884	10.82073	11.68629	12.34718	12.98224	14.67357	15.62684	16.34970
4215698.00	8.84558	10.02180	11.40021	12.50988	13.55580	14.26911	15.42817	16.98477	18.27350
4215678.00	8.63909	9.86178	11.37685	13.09031	14.63784	15.91572	16.65139	18.57908	20.09189
4215658.00	8.18278	9.58954	11.09036	13.05117	15.22004	17.36825	18.98289	19.88472	22.38971
4215638.00	7.74625	8.96480	10.88747	12.69483	15.15926	17.99623	20.97910	23.17072	25.00476
4215618.00	7.75046	8.68246	10.33524	12.37438	14.92684	17.91841	21.86088	26.10174	29.10656
4215598.00	8.26252	9.30694	10.50814	12.09222	14.62320	17.93837	21.70357	27.77272	33.91412
4215578.00	9.44335	10.46262	11.50152	12.89455	15.07685	18.05451	22.21353	27.85567	37.29332
4215558.00	9.18478	10.71695	12.52381	14.61946	16.97514	19.53551	23.69037	29.92400	39.67854
4215538.00	7.93639	9.22951	11.02563	13.47534	16.68246	21.02425	26.93958	34.62946	45.31979
4215518.00	6.62841	7.61699	8.89897	10.56886	12.93843	16.42593	22.10287	32.34834	53.06205
4215498.00	5.74111	6.84328	8.27209	10.13149	12.58911	16.03036	21.33842	34.57963	54.86876
4215478.00	6.58201	7.65893	8.93331	10.42872	12.57199	18.52599	28.38574	37.37725	46.75200
4215458.00	6.42268	7.07131	8.36986	12.10336	17.61109	23.46869	28.21515	33.17993	36.89196
4215438.00	6.46402	8.84252	12.15310	16.07033	19.57681	22.57281	24.89376	27.02342	30.45414
4215418.00	9.06031	11.77550	14.37928	16.48782	18.52734	19.74380	20.84539	23.11944	26.76238
4215398.00	11.14865	12.82625	14.06184	15.46174	16.25172	16.49599	17.83789	20.75962	24.37465
4215378.00	11.58494	12.51399	13.39158	13.67344	13.32617	13.97445	16.87782		

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.78487	7.00648	6.65136	6.02848	5.97304	6.08521	5.93862	5.70166	5.98418
4215938.00	7.12356	7.45182	7.09859	6.42047	6.36908	6.47083	6.26461	6.01978	6.44647
4215918.00	7.48388	7.94118	7.59450	6.85944	6.80392	6.89682	6.67135	6.51372	6.97876
4215898.00	7.90905	8.47249	8.14404	7.34808	7.29030	7.36259	7.14198	7.14266	7.54659
4215878.00	8.40106	9.04610	8.75810	7.91404	7.83704	7.88838	7.65673	7.82120	8.10613
4215858.00	8.99076	9.67810	9.44421	8.55511	8.47535	8.46456	8.20925	8.53635	8.71173
4215838.00	9.70707	10.36561	10.22458	9.28168	9.21886	9.09682	8.83272	9.35897	9.29371
4215818.00	10.55234	11.11819	11.13333	10.12117	10.06986	9.85944	9.72567	10.23056	9.80601
4215798.00	11.44942	11.94868	12.17699	11.09965	11.04466	10.83799	10.85045	11.15553	10.64825
4215778.00	12.45079	12.91459	13.40100	12.24461	12.16995	11.95498	12.09801	12.10835	11.96289
4215758.00	13.48929	14.09515	14.81713	13.59930	13.48096	13.22563	13.53962	12.96496	13.44335
4215738.00	14.82219	15.58032	16.46352	15.22244	15.03196	14.68530	15.09749	14.67996	14.72275
4215718.00	16.32749	17.44490	18.38825	17.19670	16.89213	16.63532	16.80255	16.88236	16.00067
4215698.00	18.12211	19.53640	20.65111	19.64257	19.15066	19.16689	18.82367	18.88776	17.64678
4215678.00	21.28689	21.76673	23.32827	22.74295	22.24823	22.25070	22.16871	20.88583	19.20708
4215658.00	24.54357	24.81077	26.79460	26.81769	26.39160	25.90099	25.59691	23.54773	20.18364
4215638.00	27.46442	29.96111	31.43721	32.61808	32.00217	31.47105	29.37632	25.46232	21.78374
4215618.00	32.17813	35.98077	38.20151	40.96170	40.36362	38.65764	33.30256	27.80459	23.46956
4215598.00	38.58003	44.48578	48.67668	53.52873	55.89204	46.84899	37.21458	30.16294	24.67951
4215578.00	47.16744	57.11958	66.82043	68.66837	71.50329	54.90692	40.47675		

31.31264   24.49428
  4215558.00 | 55.42850   74.05449   72.70277   66.74552   65.93315   61.34007   41.92493
31.70785   25.54638
  4215538.00 | 58.75424   62.87061   65.49086   64.33631   59.49730   62.36028   47.27562
35.31135   27.35752
  4215518.00 | 54.31244   60.96397   62.94673   58.95500   63.33135   66.01524   50.92815
36.36950   28.11557
  4215498.00 | 64.75841   65.40998   61.61225   61.16574   63.21825   59.83142   53.94950
37.51307   28.38030
  4215478.00 | 54.22076   62.88213   74.30626   70.59765   71.90635   68.90534   48.81546
34.12181   26.06375
  4215458.00 | 41.63760   48.97499   54.05097   55.52742   57.68206   52.66712   41.90238
31.60176   24.85480
  4215438.00 | 35.19573   39.85971   42.27436   43.82608   44.82613   42.97842   35.44041
28.17744   23.36009
  4215418.00 | 30.59284   33.37937   34.50381   36.23053   36.52102   36.49779   31.27809
26.41549   21.46238
  4215398.00 | 26.46831   28.21609   28.79941   30.80999   30.57353   31.32947   28.47829
24.25577   20.06465
  4215378.00 | 23.09290   24.10423   25.05815   26.67787   26.03432   26.95636   25.64613
22.29837   18.96800
  4215358.00 | 20.40611   21.09776   22.18534   23.45650   22.55580   23.17205   23.24085
20.51392   18.14792
  4215338.00 | 18.08223   18.56440   19.79932   20.82713   19.74358   20.39726   21.07301
19.27697   17.12827
  4215318.00 | 15.96973   16.51533   17.76470   18.65555   17.61609   18.23182   18.88004
17.78840   15.81487
  4215298.00 | 14.35784   14.81179   16.15762   16.83236   16.04529   16.30667   16.85573
16.55218   14.97762
  4215278.00 | 12.98267   13.68912   14.79737   15.28157   14.70476   14.60636   14.99377
15.36189   14.16433
  4215258.00 | 11.91648   12.65713   13.60812   13.94830   13.53684   13.09516   13.36249
14.12257   13.28984
  4215238.00 | 10.91427   11.71936   12.56119   12.78254   12.52461   11.83993   12.19115
12.86890   12.62419
  4215218.00 | 10.01549   10.86624   11.63417   11.77243   11.63184   10.81009   11.22055
11.69020   11.89379
  4215198.00 | 9.31274   10.10298   10.81088   10.88333   10.83854   9.96643   10.31061
10.66857   11.06676
  4215178.00 | 8.83874   9.46287   10.10551   10.10093   10.12912   9.24029   9.46926
9.69204   10.24103

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   , L0000789   ,
L0000790   ,
                L0000791   , L0000792   , L0000793   , L0000794   , L0000795   , L0000796   , L0000797   ,
L0000798   ,
                L0000799   , L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   , L0000789   ,
L0000790   ,
                L0000791   , L0000792   , L0000793   , L0000794   , L0000795   , L0000796   , L0000797   ,
L0000798   ,
                L0000799   , L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215958.00 | 6.23625   6.13770   5.74732   6.06491   6.13722   5.85302   5.63052
5.48467   5.29183
  4215938.00 | 6.62478   6.37747   6.22037   6.53639   6.39993   6.10933   5.87562
5.71691   5.46778
  4215918.00 | 7.05870   6.58078   6.84361   6.97289   6.64528   6.34293   6.19217
5.93906   5.49279
  4215898.00 | 7.45850   7.10233   7.45459   7.31428   6.96435   6.68544   6.44190
6.05942   5.41416
  4215878.00 | 7.79726   7.78848   8.01734   7.63965   7.24283   7.07604   6.69720
5.99508   5.46588
  4215858.00 | 8.16412   8.58944   8.47073   8.04563   7.75290   7.38929   6.72984
6.05264   5.60957
  4215838.00 | 8.98942   9.33864   8.90141   8.42513   8.14954   7.56708   6.72441
6.15350   5.85721
  4215818.00 | 10.03113   9.94827   9.40743   9.08606   8.50843   7.54702   6.77945
6.44101   6.24640
  4215798.00 | 11.05672   10.53772   10.05053   9.54903   8.53943   7.58755   7.13544
6.86900   6.42476
  4215778.00 | 11.92472   11.19248   10.74982   9.79777   8.62106   7.95616   7.60249

7.07919 6.31626
4215758.00 | 12.77843 12.18978 11.25948 9.85898 8.93703 8.48352 7.85097
7.00643 6.76568
4215738.00 | 13.72621 12.95610 11.44787 10.11218 9.59397 8.77509 7.90637
7.57193 6.92762
4215718.00 | 15.06861 13.40472 11.66870 10.94659 9.89795 9.01610 8.51609
7.64601 6.87628
4215698.00 | 15.87416 13.66923 12.63438 11.25971 10.38755 9.61241 8.44672
7.77638 7.25097
4215678.00 | 16.41694 14.79872 13.02858 12.06335 10.90312 9.54160 8.82021
7.99657 7.01564
4215658.00 | 17.66805 15.46453 14.13860 12.41475 11.04765 9.95653 8.70969
7.38940 6.25820
4215638.00 | 18.76041 16.77814 14.29643 12.72909 11.11567 9.34155 7.74480
6.75795 6.17116
4215618.00 | 20.11230 17.15800 14.66393 12.21777 9.99183 8.65827 7.83187
7.34786 6.80450
4215598.00 | 20.47938 16.68898 13.51761 11.63407 10.52904 9.55899 8.58615
7.71916 6.92852
4215578.00 | 19.59502 16.59027 14.56072 12.67816 10.95042 9.55580 8.48740
7.52546 6.66893
4215558.00 | 21.00078 17.55772 14.76312 12.59237 10.76335 9.23093 7.94521
7.06625 6.42778
4215538.00 | 21.53274 17.87563 15.21807 13.13170 11.49818 10.18704 9.16685
8.31129 7.58141
4215518.00 | 22.63833 18.79143 16.10437 13.99425 12.30099 10.91525 9.76618
8.81939 8.02428
4215498.00 | 22.36367 18.06231 14.97353 12.82922 11.13831 9.77831 8.68608
7.85678 7.16806
4215478.00 | 20.52271 16.66220 14.14369 12.06282 10.34827 8.93296 7.76588
6.80003 6.16540
4215458.00 | 20.23209 17.22194 14.59568 12.22410 10.28317 8.64466 7.51369
6.61380 5.85807
4215438.00 | 19.39253 15.93628 13.98868 12.34547 10.96964 9.60038 8.41719
7.29399 6.28408
4215418.00 | 18.23627 15.94548 13.13890 11.48167 10.39754 9.38927 8.57364
7.72347 6.98012
4215398.00 | 17.10216 14.71575 13.31598 11.45517 9.73746 8.83469 8.10047
7.48050 6.89939
4215378.00 | 16.03443 14.03796 12.17966 11.27808 10.05817 8.69727 7.58797
7.05133 6.52811
4215358.00 | 15.28973 13.37437 11.78284 10.28385 9.66357 8.86415 7.81747
6.82104 6.14158
4215338.00 | 14.76643 12.55360 11.32310 10.06684 8.83380 8.36473 7.84468
7.02641 6.29793
4215318.00 | 14.38291 12.18378 10.85726 9.70730 8.72158 7.68547 7.30690
6.97797 6.38538
4215298.00 | 13.69896 11.89161 10.20061 9.49768 8.41216 7.64504 6.78847
6.43843 6.23937
4215278.00 | 12.82433 11.80773 10.15095 8.89952 8.36015 7.36950 6.77423
6.09080 5.71609
4215258.00 | 12.11173 11.31151 9.96215 8.63263 7.95729 7.40483 6.53569
6.05577 5.50321
4215238.00 | 11.57857 10.72002 9.93210 8.58215 7.47637 7.13989 6.59839
5.83910 5.45477
4215218.00 | 10.95547 10.12276 9.54830 8.56396 7.47588 6.70801 6.46128
5.91171 5.26015
4215198.00 | 10.47552 9.66129 9.13849 8.50508 7.38956 6.56383 6.12468
5.86467 5.32256
4215178.00 | 10.06910 9.27107 8.67149 8.19029 7.46025 6.52249 5.82747
5.60820 5.33865

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	9.58271	8.85082	8.22569	7.90450	7.38190	6.47141	5.79478	5.26917	5.14492
4215138.00	9.01052	8.56508	7.93717	7.57439	7.12605	6.57716	5.76545	5.23397	4.89231
4215118.00	8.39391	8.26617	7.57979	7.17359	6.94602	6.49437	5.79303	5.15348	4.71664
4215098.00	7.78821	7.90943	7.35500	6.87834	6.69734	6.28708	5.85263	5.14616	4.70922
4215078.00	7.26071	7.50132	7.16875	6.63184	6.37931	6.17314	5.76600	5.22068	4.64202
4215058.00	6.79843	7.05236	6.94520	6.40051	6.02328	5.97887	5.60862	5.24800	4.62011
4215038.00	6.33966	6.58340	6.67643	6.23517	5.85033	5.71497	5.52919	5.15937	4.72956
4215018.00	5.89620	6.14807	6.36676	6.11414	5.61624	5.41079	5.37517	5.04012	4.73507
4214998.00	5.48456	5.81998	6.02897	5.93722	5.51022	5.19732	5.15374	4.99096	4.65237
4214978.00	5.19704	5.50548	5.67514	5.72751	5.39201	5.02364	4.91133	4.86812	4.56816

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00

```
  4215958.00 |       5.01959      4.51397      4.19241      3.95368      3.75619
  4215938.00 |       4.97387      4.54697      4.23802      4.04363      3.96039
  4215918.00 |       4.95079      4.59062      4.35864      4.23245      4.20188
  4215898.00 |       4.99271      4.71643      4.53818      4.50442      4.28520
  4215878.00 |       5.13417      4.91738      4.84924      4.59958      4.18883
  4215858.00 |       5.35450      5.24925      4.96249      4.49175      4.18358
  4215838.00 |       5.71199      5.38440      4.83675      4.52595      4.39763
  4215818.00 |       5.86890      5.23907      4.96359      4.78463      4.46344
  4215798.00 |       5.73264      5.47894      5.22423      4.82115      4.39366
  4215778.00 |       6.07439      5.72466      5.20868      4.75025      4.55686
  4215758.00 |       6.28977      5.64227      5.21268      5.03194      4.74730
  4215738.00 |       6.19450      5.82956      5.53548      5.11784      4.62658
  4215718.00 |       6.51787      6.05411      5.47034      4.83385      4.21580
  4215698.00 |       6.55548      5.77104      4.97527      4.36408      3.84897
  4215678.00 |       5.99624      5.17476      4.54829      4.12764      3.85971
  4215658.00 |       5.47019      4.97194      4.61544      4.41506      4.22762
  4215638.00 |       5.74304      5.45126      5.11753      4.82097      4.52356
  4215618.00 |       6.25842      5.77632      5.29735      4.84459      4.44697
  4215598.00 |       6.21812      5.66029      5.13868      4.66827      4.23860
  4215578.00 |       5.91604      5.25161      4.67314      4.17252      3.73963
  4215558.00 |       5.87460      5.40002      5.00624      4.67589      4.40770
  4215538.00 |       6.95544      6.41888      5.95114      5.54456      5.18202
  4215518.00 |       7.34125      6.74945      6.23696      5.79372      5.39767
  4215498.00 |       6.59454      6.09958      5.66819      5.29232      4.95684
  4215478.00 |       5.62814      5.16214      4.75815      4.43505      4.16004
  4215458.00 |       5.20969      4.65250      4.17662      3.77238      3.49658
  4215438.00 |       5.42692      4.78112      4.23444      3.75954      3.39516
  4215418.00 |       6.22660      5.50027      4.84447      4.26817      3.74340
  4215398.00 |       6.34805      5.86414      5.35234      4.83384      4.33055
  4215378.00 |       6.12953      5.68298      5.31481      4.99033      4.63554
  4215358.00 |       5.78262      5.41692      5.13323      4.78876      4.51773
  4215338.00 |       5.47270      5.09677      4.84195      4.58227      4.37329
  4215318.00 |       5.78854      5.15762      4.59428      4.32294      4.11937
  4215298.00 |       5.81028      5.30428      4.82875      4.28244      3.92005
  4215278.00 |       5.60582      5.29611      4.85308      4.50005      4.06847
  4215258.00 |       5.14045      5.05899      4.83775      4.49262      4.18116
  4215238.00 |       5.00455      4.66916      4.58534      4.43015      4.16442
  4215218.00 |       4.94815      4.57638      4.27291      4.17412      4.06902
  4215198.00 |       4.76874      4.51637      4.20561      3.92892      3.81450
  4215178.00 |       4.82697      4.34992      4.14403      3.88170      3.63145
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 309
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                INCLUDING SOURCE(S):     L0000767    , L0000768    , L0000769    , L0000770    ,
L0000771    ,
                L0000772    , L0000773    , L0000774    , L0000775    , L0000776    , L0000777    , L0000789    ,
L0000790    ,
                L0000791    , L0000792    , L0000793    , L0000794    , L0000795    , L0000796    , L0000797    ,
L0000798    ,
                L0000799    , L0001198    , L0001199    , L0001200    , L0001201    , L0001202    , L0001203    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       4.87535      4.40404      4.00361      3.81934      3.59691
```

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                              INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
             L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   , L0000789   ,
L0000790   ,
             L0000791   , L0000792   , L0000793   , L0000794   , L0000795   , L0000796   , L0000797   ,
L0000798   ,
             L0000799   , L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   ,
. . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF NO2   IN MICROGRAMS/M**3   **

       X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 -
- - - - - - -
        539341.84   4215428.70   39.67794   539351.84   4215428.70   39.97093

        539361.84   4215428.70   40.45463   539371.84   4215428.70   40.47042

        539381.84   4215428.70   40.15316   539341.84   4215438.70   43.83363

        539351.84   4215438.70   44.28160   539361.84   4215438.70   45.12379

        539371.84   4215438.70   44.99625   539381.84   4215438.70   43.84562

        539341.84   4215448.70   48.95043   539351.84   4215448.70   49.69999

        539361.84   4215448.70   50.93277   539371.84   4215448.70   50.46579

        539381.84   4215448.70   48.50690   539341.84   4215458.70   55.51385

        539351.84   4215458.70   57.09043   539361.84   4215458.70   58.39087

        539371.84   4215458.70   57.35400   539381.84   4215458.70   54.24035

        539341.84   4215468.70   64.71409   539351.84   4215468.70   67.23939

        539361.84   4215468.70   68.37228   539371.84   4215468.70   66.05451

        539381.84   4215468.70   61.48202   539113.88   4215517.52   7.06477

        539096.52   4215515.99   6.23751   539108.26   4215501.18   5.92095

        539096.01   4215500.67   5.43214   539108.26   4215486.38   6.49697

        539094.47   4215485.36   5.85243   539135.32   4215461.36   7.70971

        539150.13   4215439.91   13.00844   539114.39   4215452.68   6.45563

539123.07	4215439.40	8.49616	539159.32	4215421.02	16.10175
539145.02	4215416.43	14.54225	539134.30	4215410.81	13.55378
539131.75	4215425.11	12.05110	539206.80	4215383.75	14.46588
539215.99	4215372.52	15.68906	539188.93	4215382.22	13.91356
539176.17	4215379.67	13.62285	539165.44	4215376.09	13.41972
539248.79	4215356.71	18.81493	539243.45	4215348.45	17.75034
539265.58	4215345.25	18.16513	539260.78	4215338.05	17.34864
539256.25	4215351.38	18.67365	539272.77	4215331.92	16.93070
539264.78	4215324.99	15.96990	539280.77	4215321.79	16.35834
539279.97	4215307.14	14.99150	539287.97	4215313.80	15.69498
539297.83	4215304.74	15.24285	539289.56	4215296.21	14.32257
539311.15	4215287.68	14.66363	539303.69	4215281.28	13.83864
539303.69	4215296.21	14.68172	539314.25	4215271.79	13.77923
539329.09	4215260.48	13.92724	539339.69	4215237.16	12.61753
539357.36	4215232.92	12.45257	539394.11	4215199.70	10.15089
539044.99	4215579.21	6.83022	539034.39	4215591.93	6.50243
539054.88	4215556.59	6.28502	539058.42	4215538.92	5.91195
539054.88	4215520.55	5.05644	539082.44	4215477.44	5.63300
539073.96	4215466.13	5.52820	539098.70	4215440.69	5.76461
539109.30	4215426.56	8.57670	539117.07	4215415.96	11.06409
539125.55	4215401.11	12.93115	539158.77	4215367.19	12.49020
539150.29	4215357.30	11.62375	539184.21	4215339.63	11.44388
539222.37	4215324.79	14.56459	539243.58	4215317.72	15.32062

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	10.37675	539364.42	4215191.93	10.60232
539344.64	4215200.41	10.99666	539409.65	4215113.48	7.37736
539355.94	4215136.80	8.90539	539262.66	4215288.75	13.30314
539282.44	4215261.19	12.03188	539299.41	4215235.04	11.39427
538948.91	4216164.24	3.17325	539351.64	4215795.94	11.12941
539171.40	4215646.30	13.73129	539358.95	4215583.01	67.40668
539293.80	4215538.56	65.30939	539260.82	4215517.04	48.06987
539279.41	4215503.60	62.17936	539292.18	4215495.55	64.58550
539318.95	4215487.21	70.61112	539337.11	4215482.84	71.47182
539356.14	4215482.00	74.49224	539369.89	4215483.02	71.72377
539384.66	4215486.57	59.95668	539391.49	4215490.91	62.47167
539342.66	4215571.90	70.42014	539326.38	4215560.79	70.42889
539310.09	4215549.67	74.92098	539277.31	4215527.80	54.44499
539270.11	4215510.32	58.32674	539305.56	4215491.38	68.54580
539384.98	4215509.33	59.37561	539378.47	4215527.75	61.32108
539371.97	4215546.17	61.85821	539365.46	4215564.59	66.09484

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.50423	0.56999	0.67608	0.78916	0.86710	0.89674	0.90031	0.89518	0.93048
4215938.00	0.48754	0.53434	0.60078	0.70905	0.83283	0.93056	0.98289	0.98557	0.98633
4215918.00	0.47388	0.51308	0.55970	0.63860	0.74807	0.88040	1.00494		

1.08075 1.08387
4215898.00 | 0.47712 0.50207 0.54076 0.60242 0.67560 0.79272 0.93573
1.08825 1.18763
4215878.00 | 0.47164 0.50921 0.54168 0.57232 0.63896 0.71477 0.84533
0.99386 1.18197
4215858.00 | 0.48174 0.51415 0.54031 0.60044 0.61536 0.67649 0.76120
0.90383 1.05892
4215838.00 | 0.49462 0.51385 0.56692 0.58743 0.63856 0.68654 0.71924
0.81406 0.97489
4215818.00 | 0.52927 0.55885 0.56216 0.59247 0.66350 0.67642 0.76985
0.78403 0.87430
4215798.00 | 0.53855 0.56544 0.61298 0.64278 0.64291 0.70594 0.75788
0.82224 0.89530
4215778.00 | 0.52175 0.57557 0.61345 0.65548 0.71687 0.74617 0.75285
0.84729 0.87587
4215758.00 | 0.49722 0.54570 0.59007 0.66261 0.70739 0.76453 0.84972
0.87587 0.89510
4215738.00 | 0.45932 0.52504 0.57173 0.62648 0.68749 0.76635 0.82513
0.90056 1.01272
4215718.00 | 0.42981 0.45041 0.50575 0.59367 0.65775 0.72811 0.80296
0.90195 0.98042
4215698.00 | 0.41185 0.44660 0.49484 0.52759 0.55992 0.66216 0.77039
0.85233 0.95799
4215678.00 | 0.37582 0.41164 0.44790 0.51253 0.57531 0.62300 0.66613
0.74984 0.88607
4215658.00 | 0.35951 0.38672 0.42677 0.46045 0.51240 0.56318 0.65188
0.73391 0.82221
4215638.00 | 0.36458 0.38568 0.41588 0.45087 0.48215 0.52735 0.59527
0.65345 0.72965
4215618.00 | 0.33320 0.36574 0.40433 0.43896 0.47376 0.50666 0.54859
0.60477 0.68044
4215598.00 | 0.32542 0.34819 0.37135 0.39763 0.43315 0.47753 0.53735
0.59779 0.65484
4215578.00 | 0.30354 0.32314 0.35245 0.38573 0.42229 0.46787 0.51715
0.55930 0.60764
4215558.00 | 0.30572 0.32716 0.35184 0.37809 0.40401 0.43577 0.47137
0.51065 0.56639
4215538.00 | 0.27997 0.30023 0.32224 0.34759 0.37522 0.40632 0.44582
0.49741 0.56325
4215518.00 | 0.27644 0.29424 0.31588 0.34138 0.36961 0.40101 0.43725
0.47880 0.52601
4215498.00 | 0.27132 0.29049 0.31338 0.34229 0.36928 0.40378 0.44091
0.48426 0.53372
4215478.00 | 0.29264 0.31650 0.34224 0.37171 0.40678 0.44577 0.48747
0.53525 0.59107
4215458.00 | 0.30350 0.32240 0.34709 0.37520 0.40263 0.43505 0.46936
0.50719 0.55813
4215438.00 | 0.29713 0.32034 0.34480 0.37158 0.41178 0.45924 0.49502
0.54201 0.59831
4215418.00 | 0.30659 0.33543 0.36062 0.38093 0.40454 0.44365 0.49699
0.54063 0.59012
4215398.00 | 0.30600 0.32818 0.35964 0.39025 0.41870 0.45643 0.51092
0.58188 0.62402
4215378.00 | 0.31750 0.33797 0.36450 0.40181 0.45295 0.48504 0.51468
0.55630 0.61218
4215358.00 | 0.32791 0.36753 0.38835 0.40547 0.43543 0.47379 0.52129
0.58748 0.65563
4215338.00 | 0.32331 0.34506 0.38210 0.41839 0.44865 0.50392 0.55467
0.59412 0.61678
4215318.00 | 0.34110 0.36927 0.39432 0.43483 0.45970 0.47846 0.49759
0.55610 0.61589
4215298.00 | 0.34736 0.37318 0.38186 0.40463 0.41214 0.46356 0.49372
0.52252 0.55807
4215278.00 | 0.32148 0.34529 0.35456 0.39411 0.41187 0.44941 0.47863
0.49622 0.49884
4215258.00 | 0.31292 0.33535 0.35559 0.39436 0.41851 0.43091 0.42844
0.44859 0.48159
4215238.00 | 0.31441 0.34656 0.37080 0.37917 0.38049 0.37913 0.40772
0.43080 0.48783

```
  4215218.00 |       0.32979      0.33547      0.33937      0.33062      0.35575      0.37388      0.40769
0.44714      0.48177
  4215198.00 |       0.29587      0.29320      0.30449      0.32663      0.34777      0.37470      0.40712
0.44273      0.46868
  4215178.00 |       0.26556      0.28642      0.30316      0.32569      0.34541      0.38016      0.40319
0.42846      0.45709
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 313
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
                L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
                L0001387    , L0001388    , L0001389    , L0001390    , L0001391    , L0001392    , L0001393    ,
L0001394    ,
                L0001395    , L0001396    , L0001397    , L0001398    , L0001399    , L0001400    , L0001401    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.26776      0.28704      0.30240      0.32014      0.35187      0.36915      0.39554
0.42020      0.44654
  4215138.00 |       0.26915      0.27877      0.30339      0.32167      0.33350      0.36292      0.38753
0.40497      0.42958
  4215118.00 |       0.26505      0.28393      0.29674      0.30281      0.33161      0.35457      0.37322
0.39328      0.42925
  4215098.00 |       0.26469      0.27183      0.28245      0.31130      0.32453      0.34293      0.36271
0.39391      0.45942
  4215078.00 |       0.24849      0.26015      0.29028      0.30029      0.31738      0.33664      0.36444
0.41585      0.46945
  4215058.00 |       0.24641      0.26803      0.27873      0.29596      0.31496      0.33959      0.36852
0.43065      0.46144
  4215038.00 |       0.24709      0.26068      0.27761      0.29515      0.31856      0.33548      0.39552
0.42284      0.44381
  4215018.00 |       0.24317      0.26135      0.27678      0.29648      0.31236      0.36482      0.39173
0.41098      0.42564
  4214998.00 |       0.24414      0.25981      0.27505      0.29362      0.34254      0.36525      0.38276
0.39385      0.41584
  4214978.00 |       0.24568      0.25926      0.27670      0.31545      0.34346      0.35621      0.36425
0.38433      0.39359
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 314
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
                L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
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L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.95346	1.00280	1.17266	1.15429	1.16737	1.25277	1.28312	1.28377	1.35276
4215938.00	1.02105	1.04480	1.11791	1.26973	1.26713	1.29721	1.35304	1.40284	1.45708
4215918.00	1.09023	1.12535	1.16525	1.26133	1.37823	1.39553	1.45668	1.49922	1.53040
4215898.00	1.19711	1.20952	1.24427	1.29192	1.42496	1.50018	1.52897	1.62764	1.70132
4215878.00	1.30182	1.32117	1.34743	1.37659	1.44767	1.61047	1.64234	1.69520	1.78830
4215858.00	1.27639	1.42622	1.46427	1.50843	1.52366	1.63974	1.80781	1.83277	1.91685
4215838.00	1.14043	1.37225	1.56949	1.63510	1.69833	1.70343	1.87660	2.02962	2.07951
4215818.00	1.04514	1.23783	1.47904	1.72991	1.83429	1.92473	1.91814	2.16794	2.29159
4215798.00	0.93656	1.11007	1.34134	1.59798	1.91654	2.08210	2.19805	2.20233	2.49779
4215778.00	1.01666	1.03521	1.18320	1.47606	1.74659	2.13610	2.37515	2.53379	2.56867
4215758.00	1.01940	1.08648	1.22206	1.28500	1.62547	1.93465	2.39088	2.70910	2.93459
4215738.00	1.04290	1.09506	1.21823	1.40115	1.44270	1.75971	2.14582	2.67363	3.11409
4215718.00	1.07826	1.21714	1.28411	1.36262	1.51295	1.73110	1.90630	2.44270	2.99588
4215698.00	1.06542	1.19196	1.32298	1.49367	1.59280	1.70089	2.00982	2.15380	2.79041
4215678.00	1.00712	1.14240	1.28615	1.46213	1.64654	1.85402	2.02834	2.22933	2.61398
4215658.00	0.88382	1.01784	1.19829	1.36386	1.57651	1.81631	2.08243	2.40932	2.62072
4215638.00	0.84824	0.96764	1.13520	1.23524	1.42265	1.68331	1.95494	2.32957	2.72147
4215618.00	0.77945	0.87568	0.99073	1.14395	1.34813	1.60173	1.84531	2.13506	2.53952
4215598.00	0.70632	0.77551	0.87216	1.03192	1.21335	1.40039	1.65104	1.99944	2.41728
4215578.00	0.67101	0.75793	0.86593	0.98109	1.09563	1.25565	1.48114	1.75409	2.12327
4215558.00	0.64046	0.72930	0.82325	0.92941	1.05308	1.18217	1.34331	1.56834	1.89761
4215538.00	0.63402	0.70452	0.79316	0.89915	1.01961	1.15102	1.31503	1.51565	1.78432
4215518.00	0.58105	0.64473	0.72276	0.82046	0.94285	1.07978	1.23047	1.42746	1.69109
4215498.00	0.59556	0.67154	0.76177	0.86294	0.98249	1.12705	1.29203	1.49468	1.74076
4215478.00	0.64882	0.71845	0.79818	0.88981	0.99432	1.13000	1.29283	1.51218	1.74510
4215458.00	0.63776	0.71717	0.81174	0.90883	1.02039	1.18892	1.42026	1.69981	1.97758
4215438.00	0.64456	0.71405	0.82660	0.95620	1.08067	1.24075	1.43897	1.60502	1.84745

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215418.00	0.67171	0.77344	0.84106	0.95434	1.06046	1.19997	1.38183	1.64030	1.98150
4215398.00	0.68293	0.74113	0.83201	0.94932	1.07333	1.26189	1.41404	1.61075	1.85266
4215378.00	0.68963	0.78425	0.86292	0.98474	1.03603	1.20318	1.33634	1.43020	1.46336
4215358.00	0.71273	0.77600	0.81256	0.94247	1.00143	1.08001	1.10695	1.23850	1.40565
4215338.00	0.66934	0.75727	0.78386	0.80597	0.86303	0.95198	1.04021	1.22566	1.40914
4215318.00	0.62060	0.65726	0.70384	0.74084	0.81754	0.92533	1.08572	1.19871	1.35981
4215298.00	0.58126	0.59999	0.65296	0.71944	0.83302	0.92292	1.02761	1.17262	1.37748
4215278.00	0.53810	0.57012	0.65266	0.72823	0.81504	0.89316	1.02194	1.16843	1.40653
4215258.00	0.52534	0.59623	0.64734	0.71045	0.76953	0.89308	0.99831	1.20161	1.37688
4215238.00	0.53183	0.57977	0.62165	0.66711	0.77565	0.86940	1.02892	1.14433	1.27221
4215218.00	0.51706	0.55722	0.59855	0.67267	0.76222	0.88571	0.97719	1.10502	1.17405
4215198.00	0.50499	0.54387	0.58925	0.65497	0.78014	0.86174	0.96757	1.02504	1.10092
4215178.00	0.49496	0.52531	0.57569	0.69165	0.76774	0.84891	0.90186	0.96974	1.05087
4215158.00	0.47172	0.51820	0.61725	0.69217	0.73471	0.79754	0.85634	0.90573	0.98093
4215138.00	0.47016	0.55443	0.61986	0.66030	0.71769	0.76429	0.80863	0.86154	0.94890
4215118.00	0.50183	0.56050	0.59574	0.64368	0.68491	0.71920	0.75852	0.82509	0.92276
4215098.00	0.51289	0.54491	0.57931	0.61710	0.65339	0.68761	0.74060	0.81314	0.93665
4215078.00	0.50073	0.52662	0.55779	0.59508	0.63209	0.63569	0.70343	0.78608	0.93708
4215058.00	0.48086	0.50554	0.54119	0.56465	0.56768	0.64461	0.70110	0.81010	0.92429
4215038.00	0.46339	0.49341	0.50775	0.52460	0.57047	0.61832	0.68165	0.79719	0.94320

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	1.35310	1.42909	1.51872	1.58599	1.68247	1.85672	1.95984	2.07919	2.20325
4215938.00	1.45488	1.52615	1.63599	1.67696	1.76605	1.97793	2.10467	2.18723	2.35277
4215918.00	1.61817	1.58998	1.71844	1.80125	1.90151	2.11935	2.24173	2.50420	2.54120
4215898.00	1.75381	1.76564	1.82866	1.96551	2.00397	2.20686	2.39630	2.72979	2.82821
4215878.00	1.88316	1.96160	1.90680	2.10933	2.18859	2.35636	2.61746	2.90347	3.12791
4215858.00	2.01748	2.12561	2.17476	2.21881	2.41415	2.49282	2.85579	3.10180	3.42194
4215838.00	2.18119	2.33310	2.43406	2.37447	2.67348	2.68803	3.09484	3.24240	3.73985
4215818.00	2.35907	2.44407	2.64441	2.73194	2.81460	3.02622	3.28713	3.66392	4.15493
4215798.00	2.61015	2.68510	2.84664	3.12904	3.05617	3.53240	3.48095	4.02314	4.52164
4215778.00	2.87523	2.94686	3.10102	3.37442	3.49173	3.66113	3.95594	4.40549	4.91427
4215758.00	2.99650	3.33733	3.38124	3.66511	4.05538	4.15810	4.72447	4.89073	5.42853
4215738.00	3.40106	3.52264	3.90578	3.96431	4.44284	4.76424	4.93177	5.39489	6.10783
4215718.00	3.60836	3.98486	4.24255	4.56970	4.79313	5.45598	5.77399	6.61577	6.87560
4215698.00	3.40381	4.16452	4.71776	5.23419	5.43866	5.90654	6.68217	7.11850	8.18373
4215678.00	3.08446	3.96551	4.89130	5.67296	6.36758	6.58380	7.48041	8.25923	9.54801
4215658.00	3.15905	3.57148	4.64826	5.85292	6.96904	7.88326	8.31385	9.76472	10.83404
4215638.00	3.27117	3.59224	4.47169	5.60696	7.14408	8.77793	10.07829	10.90775	13.02459

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
                L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
                L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
                L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NO2   IN MICROGRAMS/M**3   **

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    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       1.11478      1.28538      1.63584      2.14542      2.13939      2.16418      2.64957
2.68716      2.75167
  4215138.00 |       1.09957      1.29360      1.72883      2.09585      1.83375      2.06677      2.33192
2.51630      2.54001
  4215118.00 |       1.09006      1.35006      1.71937      1.71394      1.70035      2.04230      2.30258
2.34385      2.44138
  4215098.00 |       1.08811      1.39150      1.68235      1.54748      1.60362      1.99010      2.18630
2.13617      2.28693
  4215078.00 |       1.11792      1.38749      1.45063      1.43712      1.56902      1.74439      2.02020
1.93186      2.13816
  4215058.00 |       1.15433      1.35510      1.31970      1.34991      1.55565      1.72657      1.82244
1.87581      1.97055
  4215038.00 |       1.13508      1.23620      1.23317      1.27671      1.54229      1.72101      1.63555
1.70867      1.83038
  4215018.00 |       1.08671      1.13688      1.17746      1.22037      1.36675      1.64839      1.51204
1.56970      1.70073
  4214998.00 |       1.06276      1.02566      1.11492      1.21860      1.31325      1.51123      1.39297
1.47931      1.55940
  4214978.00 |       0.98329      1.01908      1.06009      1.22010      1.31486      1.34565      1.34872
1.40616      1.41328
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 318
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
                L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
                L0001387    , L0001388    , L0001389    , L0001390    , L0001391    , L0001392    , L0001393    ,
L0001394    ,
                L0001395    , L0001396    , L0001397    , L0001398    , L0001399    , L0001400    , L0001401    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       2.22728      2.45553      2.93316      3.05402      3.13704      3.04484      3.13038
3.12807      3.00358
  4215938.00 |       2.48373      2.65213      3.15203      3.32706      3.36660      3.27413      3.35224
3.34470      3.23219
  4215918.00 |       2.77239      2.84004      3.39712      3.63429      3.62730      3.55081      3.68896
3.58695      3.57363
  4215898.00 |       3.05066      3.03791      3.70432      3.95975      3.92467      3.92231      4.00092
3.81133      3.71327
  4215878.00 |       3.40811      3.26458      4.02159      4.33022      4.26582      4.28543      4.29924
4.10617      4.03058
  4215858.00 |       3.70183      3.62290      4.36273      4.75432      4.68643      4.68219      4.59530
4.48370      4.43403
  4215838.00 |       3.98795      3.96700      4.74690      5.22999      5.19736      5.11382      5.02130
5.00333      4.86067
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  4215818.00 |       4.29460      4.45299      5.19170      5.78414      5.81155      5.70474      5.48534
5.47053      5.37948
  4215798.00 |       4.88834      5.16295      5.76591      6.44451      6.44861      6.34439      6.04467
5.93456      6.21952
  4215778.00 |       5.61396      6.01026      6.39071      7.18828      7.12560      7.03271      6.74640
6.68284      7.07407
  4215758.00 |       6.14344      6.98241      7.19616      8.07791      8.22698      7.81428      7.75212
7.78768      8.17105
  4215738.00 |       6.83012      7.80919      8.41309      9.18581      9.44937      8.71738      8.91130
9.01029      9.36453
  4215718.00 |       7.79313      9.08833      9.58087     10.53241     10.93586     10.05436     10.11071
10.62782     10.21023
  4215698.00 |       9.45610     10.43769     11.26347     12.19082     12.76382     11.95285     12.09466
12.41934     11.01033
  4215678.00 |      10.52796     11.62421     13.66274     14.26751     14.89583     14.63597     14.43738
13.87312     12.15331
  4215658.00 |      12.74112     14.05200     16.85953     17.09970     17.94243     17.88929     17.56117
15.53739     12.89068
  4215638.00 |      15.53590     17.52036     20.62551     21.36006     22.41780     22.21405     20.85245
17.28122     12.90356
  4215618.00 |      18.26551     21.82703     25.17465     28.63051     30.35652     28.53724     23.92261
18.05101     12.91294
  4215598.00 |      22.62487     28.20788     32.95553     40.26306     44.15497     35.59665     26.08517
17.90942     12.94479
  4215578.00 |      28.21136     36.37398     47.51109     55.54120     59.95969     40.53711     26.66508
18.40533     13.22224
  4215558.00 |      36.43442     50.25067     54.09803     56.53378     55.34331     44.35933     27.07752
19.18044     13.58170
  4215538.00 |      43.39569     45.66432     51.20327     54.45997     50.09478     43.17831     29.01106
18.41301     13.09182
  4215518.00 |      37.24753     43.58852     49.10025     51.51629     48.30482     43.31336     27.99403
18.08372     12.73364
  4215498.00 |      40.66232     44.89921     46.38291     49.24409     49.96213     41.14972     30.00703
17.98033     12.05222
  4215478.00 |      30.87030     42.56196     54.45019     55.75558     54.70350     48.87722     30.57836
17.20577     11.83183
  4215458.00 |      23.49409     29.67130     36.63522     40.17418     40.02808     34.43613     26.10647
17.84691     11.98766
  4215438.00 |      19.06479     22.85731     27.67147     29.16829     28.78462     25.74653     22.21288
16.19303     11.66061
  4215418.00 |      15.46851     18.50187     21.09073     22.56771     21.96379     20.37372     18.55630
14.94757     10.89844
  4215398.00 |      12.52428     14.55650     16.69141     17.23835     17.02890     15.58067     15.30662
13.95813     10.37054
  4215378.00 |      10.92486     12.38921     13.55238     13.70366     13.67102     12.82371     12.53759
12.41035     10.50908
  4215358.00 |       9.57543     10.09312     11.39214     11.24906     11.43032     10.83168     10.21141
10.67851      9.57902
  4215338.00 |       8.30466      8.47676      9.48669      9.19083      9.53275      9.12467      8.67920
8.74852      9.07323
  4215318.00 |       7.19194      7.34940      8.14498      7.53073      8.11775      7.54746      7.69318
7.11427      7.69309
  4215298.00 |       6.01150      6.26334      6.94351      6.27825      7.12476      6.59267      6.63936
6.31704      6.41685
  4215278.00 |       5.14689      5.45441      5.87864      5.43731      6.15211      6.00911      5.72235
5.37375      5.28064
  4215258.00 |       4.75144      4.89070      5.12147      4.80812      5.47916      5.24051      5.10706
5.01885      4.55862
  4215238.00 |       4.24837      4.43507      4.44411      4.27454      4.83968      4.71511      4.55193
4.45838      4.23968
  4215218.00 |       3.90091      4.03826      3.91579      3.81019      4.22776      4.14138      4.13940
4.08836      3.82361
  4215198.00 |       3.62631      3.66503      3.46163      3.39008      3.68573      3.54011      3.63238
3.67996      3.48663
  4215178.00 |       3.26580      3.40040      3.08589      3.03535      3.17749      3.20579      3.22935
3.32385      3.29260
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	2.96672	3.15190	2.75584	2.77976	2.76383	2.98938	2.99468	3.02876	3.01297
4215138.00	2.70737	2.83339	2.46146	2.55557	2.51636	2.75872	2.78992	2.79995	2.76611
4215118.00	2.46341	2.53449	2.23245	2.36621	2.34831	2.55761	2.46488	2.56292	2.60793
4215098.00	2.25236	2.21425	2.04627	2.19611	2.23359	2.34173	2.22759	2.34386	2.36879
4215078.00	2.08799	1.96682	1.88190	2.01581	2.08850	2.18615	2.05097	2.11117	2.21622
4215058.00	1.93308	1.76120	1.74919	1.86579	1.94077	2.04047	1.93046	2.00255	2.01271
4215038.00	1.78988	1.60069	1.60812	1.75176	1.81767	1.87020	1.85024	1.86308	1.82042
4215018.00	1.64106	1.46382	1.47888	1.65144	1.71008	1.73383	1.76695	1.73419	1.69193
4214998.00	1.52290	1.34302	1.37759	1.57497	1.61729	1.63719	1.64557	1.62284	1.57129
4214978.00	1.41708	1.23780	1.30322	1.48276	1.53257	1.55445	1.49770	1.51640	1.50752

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	2.83334	2.98034	2.89097	3.06177	3.18397	3.25029	3.08992	2.75848	2.64009
4215938.00	3.14492	3.14111	3.29144	3.31996	3.48740	3.40519	3.06993	2.94362	2.67822
4215918.00	3.44733	3.38384	3.60609	3.71762	3.73353	3.50544	3.20532	2.92379	2.72312
4215898.00	3.74039	3.82405	3.87928	4.08714	3.93009	3.50897	3.32741	3.00103	2.77159
4215878.00	4.04407	4.26988	4.44813	4.37591	4.00555	3.75828	3.41740	3.11296	2.55018
4215858.00	4.48099	4.60762	4.86134	4.61051	4.19215	3.83604	3.48981	2.93656	2.41333
4215838.00	5.13536	5.40695	5.15762	4.70118	4.40564	3.94073	3.48034	2.75858	2.36584
4215818.00	5.62753	5.86784	5.54665	5.01368	4.54644	4.08170	3.19790	2.69152	2.31756
4215798.00	6.55102	6.20828	5.67376	5.26634	4.70579	3.74677	3.10399	2.65129	2.15279
4215778.00	7.29735	6.68756	6.25856	5.50667	4.51914	3.67785	3.09697	2.45443	2.19156
4215758.00	7.74901	7.10615	6.32731	5.51168	4.41201	3.63090	2.82162	2.50115	2.27857
4215738.00	8.30281	7.64688	6.74582	5.23956	4.26644	3.29509	2.88531	2.64542	2.33952
4215718.00	9.32750	8.08575	6.33680	5.13567	3.94329	3.37694	3.08743	2.61929	2.26152
4215698.00	9.79372	7.92139	6.25932	4.77658	3.99306	3.55087	3.00082	2.64382	2.25932
4215678.00	10.23763	7.87891	5.78593	4.93646	4.17505	3.56922	2.97888	2.60248	2.39596
4215658.00	9.97403	7.24200	6.04446	4.93710	4.17951	3.62208	3.17982	2.81120	2.47514
4215638.00	9.55788	7.52044	6.13614	5.16180	4.39176	3.76718	3.19983	2.81317	2.47102
4215618.00	9.70407	7.58932	6.56301	5.30515	4.38231	3.75659	3.15038	2.65761	2.35093
4215598.00	10.16659	7.83261	6.37145	5.20865	4.23681	3.51531	3.16526	2.86740	2.60921
4215578.00	10.00677	7.82187	5.95344	5.30756	4.81768	4.14494	3.53764	3.02784	2.67046
4215558.00	10.54483	8.55637	6.75963	5.50379	4.62561	4.00330	3.48568	2.96121	2.55774
4215538.00	9.95777	7.81874	6.34457	5.03475	4.14612	3.55261	3.06981	2.70598	2.37069
4215518.00	9.69972	7.57748	6.06684	4.96340	4.13036	3.46128	2.91195	2.51322	2.19893
4215498.00	8.95999	7.06489	5.74631	4.70261	3.88985	3.33595	2.89423	2.55539	2.26569
4215478.00	8.67153	6.83832	5.47600	4.43987	3.73933	3.24916	2.81661	2.46671	2.19984
4215458.00	8.47185	6.60006	5.21559	4.31997	3.60919	3.14345	2.76136	2.41477	2.13853
4215438.00	8.74647	6.53216	5.17633	4.20692	3.58286	3.05881	2.62419	2.24758	2.05093
4215418.00	8.37121	6.48589	5.02330	4.20062	3.48538	2.94687	2.57805	2.26029	1.93292
4215398.00	7.98838	6.33830	5.01245	4.00521	3.43588	2.90228	2.50527	2.19142	1.94917
4215378.00	7.37915	6.10927	4.94837	4.07504	3.30643	2.85198	2.46441	2.13404	1.89348
4215358.00	7.79609	5.60899	4.81638	3.98892	3.41112	2.75951	2.47704	2.11480	1.91452
4215338.00	7.32059	5.90238	4.42687	3.88641	3.23829	2.89663	2.38754		

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2.12816      1.86775
  4215318.00 |      7.19669      5.93227      4.58986      3.59316      3.17734      2.68442      2.50924
2.09997      1.79782
  4215298.00 |      6.67558      5.74195      4.78200      3.74239      3.01305      2.63276      2.28549
2.17316      1.84380
  4215278.00 |      5.98075      5.46035      4.57974      3.87070      3.09740      2.57353      2.26083
1.98380      1.89199
  4215258.00 |      4.99461      5.13503      4.58554      3.80256      3.15503      2.59523      2.19028
1.99072      1.75091
  4215238.00 |      4.19084      4.72196      4.26126      3.77678      3.14269      2.64692      2.18283
1.90821      1.76624
  4215218.00 |      3.67170      4.02813      4.05676      3.77367      3.18151      2.68520      2.30539
1.87046      1.67897
  4215198.00 |      3.30214      3.42997      3.80289      3.43681      3.17817      2.64176      2.28738
1.97729      1.66706
  4215178.00 |      3.08757      2.98410      3.28411      3.27175      3.10220      2.70441      2.27747
1.97158      1.69030
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
CON1HR   ***
                                  INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
                 L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
                 L0001387    , L0001388    , L0001389    , L0001390    , L0001391    , L0001392    , L0001393    ,
L0001394    ,
                 L0001395    , L0001396    , L0001397    , L0001398    , L0001399    , L0001400    , L0001401    ,
. . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |      2.88380      2.73888      2.87689      3.05179      2.84338      2.72636      2.28638
1.90711      1.72486
  4215138.00 |      2.59631      2.52130      2.53627      2.73411      2.71657      2.60634      2.32858
1.99248      1.65759
  4215118.00 |      2.39190      2.40272      2.29513      2.47716      2.47339      2.46003      2.37476
2.03523      1.74499
  4215098.00 |      2.30713      2.22696      2.11923      2.20455      2.34220      2.32845      2.23100
2.03955      1.75830
  4215078.00 |      2.08543      2.02299      2.00742      1.97147      2.08913      2.07137      2.15485
2.09532      1.82867
  4215058.00 |      1.98666      1.89199      1.91297      1.85176      1.93676      2.02420      2.00850
1.93169      1.81468
  4215038.00 |      1.90134      1.79755      1.76111      1.69078      1.73970      1.83273      1.75970
1.88324      1.82750
  4215018.00 |      1.80047      1.61675      1.58119      1.64821      1.60737      1.70539      1.73524
1.73385      1.71339
  4214998.00 |      1.64952      1.54229      1.53095      1.55713      1.50790      1.55428      1.60730
1.53491      1.64748
  4214978.00 |      1.52863      1.50687      1.47167      1.41884      1.41694      1.42963      1.48544
1.49888      1.51137
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	2.38466	2.23964	1.85928	1.53346	1.38185
4215938.00	2.44422	2.09310	1.74068	1.51039	1.38029
4215918.00	2.36752	1.96576	1.67093	1.54535	1.33728
4215898.00	2.23907	1.84317	1.71683	1.47466	1.24621
4215878.00	2.08371	1.90371	1.64339	1.37372	1.28312
4215858.00	2.11843	1.83685	1.52295	1.41547	1.25368
4215838.00	2.05363	1.69472	1.56879	1.38374	1.33637
4215818.00	1.90096	1.74189	1.53798	1.50354	1.35573
4215798.00	1.94400	1.73753	1.66362	1.46070	1.29436
4215778.00	2.00488	1.85504	1.59528	1.41754	1.26811
4215758.00	2.09052	1.75872	1.55302	1.45213	1.28583
4215738.00	1.95974	1.78380	1.59007	1.43292	1.30177
4215718.00	1.99250	1.76204	1.62385	1.47633	1.43071
4215698.00	2.00251	1.83474	1.74706	1.58955	1.36958
4215678.00	2.18906	1.96027	1.68225	1.58471	1.42408
4215658.00	2.12561	1.96507	1.71317	1.52691	1.40836
4215638.00	2.11347	1.88912	1.69384	1.57951	1.50642
4215618.00	2.17589	2.03175	1.88082	1.71132	1.52882
4215598.00	2.37998	2.14343	1.89634	1.67186	1.52030
4215578.00	2.41740	2.19999	1.96959	1.74843	1.56029
4215558.00	2.20581	1.96810	1.77500	1.59807	1.43538
4215538.00	2.09599	1.86948	1.66567	1.48990	1.34118
4215518.00	1.94082	1.72970	1.55168	1.39568	1.26467
4215498.00	1.98297	1.77284	1.59007	1.41593	1.27331
4215478.00	1.97197	1.75252	1.57233	1.41616	1.28340
4215458.00	1.91053	1.66736	1.49171	1.35641	1.23375
4215438.00	1.83930	1.68389	1.51591	1.38092	1.24534
4215418.00	1.77508	1.58896	1.43346	1.30436	1.20319
4215398.00	1.75380	1.48160	1.36853	1.27375	1.18476
4215378.00	1.71075	1.53424	1.38832	1.20726	1.09155
4215358.00	1.65083	1.51122	1.36876	1.24338	1.12822
4215338.00	1.65653	1.50732	1.32725	1.23394	1.11054
4215318.00	1.67444	1.47046	1.34482	1.20680	1.09579
4215298.00	1.55847	1.47568	1.32136	1.20688	1.07783
4215278.00	1.62349	1.39255	1.29629	1.19285	1.08294
4215258.00	1.63778	1.38784	1.25037	1.15218	1.07797
4215238.00	1.55864	1.44514	1.23078	1.11412	1.04077
4215218.00	1.56642	1.39573	1.30366	1.11359	0.98960
4215198.00	1.48335	1.39743	1.25691	1.18280	1.00880
4215178.00	1.46763	1.31385	1.26216	1.13702	1.07245

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	1.47889	1.31139	1.17153	1.14339	1.03675
4215138.00	1.55732	1.28196	1.19153	1.05641	1.04093
4215118.00	1.49031	1.38589	1.15164	1.08581	0.96465
4215098.00	1.43683	1.32930	1.23496	1.03461	0.98469
4215078.00	1.57025	1.25461	1.20420	1.07612	0.94144
4215058.00	1.57690	1.36092	1.14706	1.10584	0.95955
4215038.00	1.60245	1.41364	1.14184	1.04859	1.00406
4215018.00	1.63507	1.43380	1.23792	1.00419	0.97921
4214998.00	1.60717	1.42645	1.28607	1.08352	0.91854
4214978.00	1.54327	1.48837	1.31198	1.15679	0.93696

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***

INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	25.69211	539351.84	4215428.70	26.34783
539361.84	4215428.70	25.31999	539371.84	4215428.70	24.19592
539381.84	4215428.70	23.42714	539341.84	4215438.70	29.41520
539351.84	4215438.70	30.19826	539361.84	4215438.70	29.15430
539371.84	4215438.70	28.22264	539381.84	4215438.70	26.54039

539341.84	4215448.70	34.06622	539351.84	4215448.70	34.41296
539361.84	4215448.70	34.18750	539371.84	4215448.70	32.80404
539381.84	4215448.70	30.29357	539341.84	4215458.70	40.47571
539351.84	4215458.70	41.32426	539361.84	4215458.70	40.34978
539371.84	4215458.70	38.82224	539381.84	4215458.70	35.41941
539341.84	4215468.70	49.63174	539351.84	4215468.70	49.46710
539361.84	4215468.70	49.99600	539371.84	4215468.70	47.64404
539381.84	4215468.70	42.44632	539113.88	4215517.52	2.23568
539096.52	4215515.99	1.89496	539108.26	4215501.18	2.16571
539096.01	4215500.67	1.92440	539108.26	4215486.38	2.19156
539094.47	4215485.36	1.95866	539135.32	4215461.36	2.97958
539150.13	4215439.91	3.67139	539114.39	4215452.68	2.38966
539123.07	4215439.40	2.75445	539159.32	4215421.02	3.18219
539145.02	4215416.43	2.76191	539134.30	4215410.81	2.48246
539131.75	4215425.11	2.91199	539206.80	4215383.75	4.92771
539215.99	4215372.52	5.16392	539188.93	4215382.22	4.37079
539176.17	4215379.67	3.59695	539165.44	4215376.09	3.19152
539248.79	4215356.71	7.24491	539243.45	4215348.45	6.55578
539265.58	4215345.25	7.42870	539260.78	4215338.05	6.92185
539256.25	4215351.38	7.49137	539272.77	4215331.92	7.36327
539264.78	4215324.99	6.56190	539280.77	4215321.79	7.27557
539279.97	4215307.14	6.63157	539287.97	4215313.80	6.89776
539297.83	4215304.74	6.55284	539289.56	4215296.21	5.96196
539311.15	4215287.68	6.21413	539303.69	4215281.28	5.58594
539303.69	4215296.21	6.19352	539314.25	4215271.79	5.80335
539329.09	4215260.48	4.91984	539339.69	4215237.16	4.33573
539357.36	4215232.92	4.36478	539394.11	4215199.70	3.73763
539044.99	4215579.21	1.48755	539034.39	4215591.93	1.49882
539054.88	4215556.59	1.45203	539058.42	4215538.92	1.45362
539054.88	4215520.55	1.34420	539082.44	4215477.44	1.72533
539073.96	4215466.13	1.78045	539098.70	4215440.69	2.10728
539109.30	4215426.56	2.52570	539117.07	4215415.96	2.46222
539125.55	4215401.11	2.15310	539158.77	4215367.19	2.95272
539150.29	4215357.30	2.68037	539184.21	4215339.63	3.15113

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: CON1HR ***
INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	3.79146	539364.42	4215191.93	3.55703
539344.64	4215200.41	3.44106	539409.65	4215113.48	2.49448
539355.94	4215136.80	2.56008	539262.66	4215288.75	5.31912
539282.44	4215261.19	4.72173	539299.41	4215235.04	4.25996
538948.91	4216164.24	0.64195	539351.64	4215795.94	6.66456
539171.40	4215646.30	6.31380	539358.95	4215583.01	55.28588
539293.80	4215538.56	48.18288	539260.82	4215517.04	29.17201
539279.41	4215503.60	36.46712	539292.18	4215495.55	40.64385
539318.95	4215487.21	51.30583	539337.11	4215482.84	55.86107
539356.14	4215482.00	57.01782	539369.89	4215483.02	55.13384
539384.66	4215486.57	42.45322	539391.49	4215490.91	42.57779
539342.66	4215571.90	57.35319	539326.38	4215560.79	54.56007
539310.09	4215549.67	52.37972	539277.31	4215527.80	39.17622
539270.11	4215510.32	35.69008	539305.56	4215491.38	46.60400
539384.98	4215509.33	40.65274	539378.47	4215527.75	44.44926
539371.97	4215546.17	50.56373	539365.46	4215564.59	55.81471

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP:

TK1HR ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215938.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215918.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215898.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215878.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215858.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215838.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215818.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215798.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215778.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215758.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215738.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215718.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215698.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215678.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215658.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215638.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215618.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215598.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215578.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215558.00	0.00001	0.00001	0.00001	0.00000	0.00001	0.00001	0.00001	0.00001	0.00001
4215538.00	0.00001	0.00001	0.00001	0.00000	0.00000	0.00001	0.00001	0.00000	0.00000
4215518.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215498.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215478.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215458.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215438.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

  4215418.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215398.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215378.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215358.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215338.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215318.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215298.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215278.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215258.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215238.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215218.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215198.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215178.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215158.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215138.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215118.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215098.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215078.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215058.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215038.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215018.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4214998.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4214978.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215938.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215918.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215898.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215878.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215858.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215838.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215818.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215798.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215778.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215758.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215738.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215718.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215698.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000
4215678.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000
4215658.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000
4215638.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215618.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215598.00	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215578.00	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215558.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215538.00	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

  4215518.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215498.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215478.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215458.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215438.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215418.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215398.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215378.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215358.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215338.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215318.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215298.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215278.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215258.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215238.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215218.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215198.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215178.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215138.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215118.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215098.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215078.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000

0.00000   0.00000
 4215058.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
 4215038.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
 4215018.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
 4214998.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
 4214978.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215938.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215918.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215898.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215878.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215858.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000
4215838.00	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
4215818.00	0.00001	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000
4215798.00	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215778.00	0.00001	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215758.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215738.00	0.00001	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215718.00	0.00001	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215698.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215678.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215658.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215638.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

  4215618.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215598.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215578.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215558.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215538.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215518.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215498.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215478.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215458.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215438.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215418.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215398.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215378.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215358.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215338.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215318.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215298.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215278.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215258.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215238.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215218.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215198.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215178.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215138.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215118.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215098.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215078.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215058.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215038.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215018.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4214998.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4214978.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                              INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215958.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215938.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215918.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215898.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215878.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215858.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215838.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215818.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215798.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215778.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215758.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215738.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000

  4215718.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215698.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215678.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215658.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215638.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215618.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215598.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215578.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215558.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215538.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215518.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215498.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215478.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215458.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215438.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215418.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215398.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215378.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215358.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215338.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215318.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215298.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215278.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215258.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215238.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215218.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215198.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000
  4215178.00 | 0.00000   0.00000   0.00000   0.00000   0.00000   0.00000   0.00000
0.00000   0.00000

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK1HR   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215138.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215118.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215098.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215078.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215058.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215038.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215018.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4214998.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4214978.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215938.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215918.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215898.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215878.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215858.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215838.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

```
  4215818.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215798.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215778.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215758.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215738.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215718.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215698.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215678.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215658.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215638.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215618.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215598.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215578.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215558.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215538.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215518.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215498.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215478.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215458.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215438.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215418.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215398.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215378.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215358.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215338.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215318.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215298.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215278.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215258.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215238.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215218.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215198.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215178.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215138.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215118.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215098.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215078.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215058.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215038.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4215018.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4214998.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000
4214978.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215938.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215918.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215898.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215878.00	0.00000	0.00000	0.00000	0.00000	0.00000

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215858.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215838.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215818.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215798.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215778.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215758.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215738.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215718.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215698.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215678.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215658.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215638.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215618.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215598.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215578.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215558.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215538.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215518.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215498.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215478.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215458.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215438.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215418.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215398.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215378.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215358.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215338.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215318.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215298.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215278.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215258.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215238.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215218.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215198.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215178.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215158.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215138.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215118.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215098.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215078.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215058.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215038.00	0.00000	0.00000	0.00000	0.00000	0.00000
4215018.00	0.00000	0.00000	0.00000	0.00000	0.00000
4214998.00	0.00000	0.00000	0.00000	0.00000	0.00000
4214978.00	0.00000	0.00000	0.00000	0.00000	0.00000

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00000	539351.84	4215428.70	0.00000
539361.84	4215428.70	0.00000	539371.84	4215428.70	0.00000
539381.84	4215428.70	0.00000	539341.84	4215438.70	0.00000
539351.84	4215438.70	0.00000	539361.84	4215438.70	0.00000
539371.84	4215438.70	0.00000	539381.84	4215438.70	0.00000
539341.84	4215448.70	0.00000	539351.84	4215448.70	0.00000
539361.84	4215448.70	0.00000	539371.84	4215448.70	0.00000
539381.84	4215448.70	0.00000	539341.84	4215458.70	0.00000
539351.84	4215458.70	0.00000	539361.84	4215458.70	0.00000
539371.84	4215458.70	0.00000	539381.84	4215458.70	0.00000
539341.84	4215468.70	0.00000	539351.84	4215468.70	0.00000
539361.84	4215468.70	0.00000	539371.84	4215468.70	0.00000
539381.84	4215468.70	0.00000	539113.88	4215517.52	0.00000
539096.52	4215515.99	0.00000	539108.26	4215501.18	0.00000
539096.01	4215500.67	0.00000	539108.26	4215486.38	0.00000
539094.47	4215485.36	0.00000	539135.32	4215461.36	0.00000
539150.13	4215439.91	0.00000	539114.39	4215452.68	0.00000
539123.07	4215439.40	0.00000	539159.32	4215421.02	0.00000
539145.02	4215416.43	0.00000	539134.30	4215410.81	0.00000
539131.75	4215425.11	0.00000	539206.80	4215383.75	0.00000
539215.99	4215372.52	0.00000	539188.93	4215382.22	0.00000
539176.17	4215379.67	0.00000	539165.44	4215376.09	0.00000
539248.79	4215356.71	0.00000	539243.45	4215348.45	0.00000
539265.58	4215345.25	0.00000	539260.78	4215338.05	0.00000
539256.25	4215351.38	0.00000	539272.77	4215331.92	0.00000

539264.78	4215324.99	0.00000	539280.77	4215321.79	0.00000
539279.97	4215307.14	0.00000	539287.97	4215313.80	0.00000
539297.83	4215304.74	0.00000	539289.56	4215296.21	0.00000
539311.15	4215287.68	0.00000	539303.69	4215281.28	0.00000
539303.69	4215296.21	0.00000	539314.25	4215271.79	0.00000
539329.09	4215260.48	0.00000	539339.69	4215237.16	0.00000
539357.36	4215232.92	0.00000	539394.11	4215199.70	0.00000
539044.99	4215579.21	0.00000	539034.39	4215591.93	0.00000
539054.88	4215556.59	0.00000	539058.42	4215538.92	0.00000
539054.88	4215520.55	0.00000	539082.44	4215477.44	0.00000
539073.96	4215466.13	0.00000	539098.70	4215440.69	0.00000
539109.30	4215426.56	0.00000	539117.07	4215415.96	0.00000
539125.55	4215401.11	0.00000	539158.77	4215367.19	0.00000
539150.29	4215357.30	0.00000	539184.21	4215339.63	0.00000
539222.37	4215324.79	0.00000	539243.58	4215317.72	0.00000

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK1HR ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00000	539364.42	4215191.93	0.00000
539344.64	4215200.41	0.00000	539409.65	4215113.48	0.00000
539355.94	4215136.80	0.00000	539262.66	4215288.75	0.00000
539282.44	4215261.19	0.00000	539299.41	4215235.04	0.00000
538948.91	4216164.24	0.00002	539351.64	4215795.94	0.00000
539171.40	4215646.30	0.00000	539358.95	4215583.01	0.00000
539293.80	4215538.56	0.00000	539260.82	4215517.04	0.00000
539279.41	4215503.60	0.00000	539292.18	4215495.55	0.00000
539318.95	4215487.21	0.00000	539337.11	4215482.84	0.00000

539356.14	4215482.00	0.00000	539369.89	4215483.02	0.00000
539384.66	4215486.57	0.00000	539391.49	4215490.91	0.00000
539342.66	4215571.90	0.00000	539326.38	4215560.79	0.00000
539310.09	4215549.67	0.00000	539277.31	4215527.80	0.00000
539270.11	4215510.32	0.00000	539305.56	4215491.38	0.00000
539384.98	4215509.33	0.00000	539378.47	4215527.75	0.00000
539371.97	4215546.17	0.00000	539365.46	4215564.59	0.00000

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***

INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001	0.00001
4215938.00	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001	0.00001
4215918.00	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001	0.00001
4215898.00	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001	0.00001
4215878.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001
4215858.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001
4215838.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001
4215818.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001
4215798.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001
4215778.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001
4215758.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001
4215738.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001	0.00001	0.00001
4215718.00	0.00000	0.00000	0.00000	0.00000	0.00000	0.00001	0.00001		

0.00001 0.00001
4215698.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215678.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215658.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215638.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215618.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215598.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215578.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215558.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215538.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215518.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215498.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215478.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215458.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215438.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215418.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215398.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215378.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215358.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215338.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001 0.00001
0.00001 0.00001
4215318.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001
0.00001 0.00001
4215298.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00001
0.00001 0.00001
4215278.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00001 0.00001
4215258.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00001 0.00001
4215238.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00001 0.00001
4215218.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000 0.00001
4215198.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000 0.00000
4215178.00 | 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000 0.00000
0.00000 0.00000

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***

INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,

```
                L0001211    , L0001212    , L0001213    , L0001214    , L0001215    , L0001216    , L0001217    ,
L0001218    ,
                L0001219    , L0001220    , L0001221    , L0001222    , L0001223    , L0001224    , L0001225    ,
. . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215138.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215118.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00001
  4215098.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00001
  4215078.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00001
  4215058.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00001
  4215038.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4215018.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4214998.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
  4214978.00 |       0.00000      0.00000      0.00000      0.00000      0.00000      0.00000      0.00000
0.00000      0.00000
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 342
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                  INCLUDING SOURCE(S):     L0001198    , L0001199    , L0001200    , L0001201    ,
L0001202    ,
                L0001203    , L0001204    , L0001205    , L0001206    , L0001207    , L0001208    , L0001209    ,
L0001210    ,
                L0001211    , L0001212    , L0001213    , L0001214    , L0001215    , L0001216    , L0001217    ,
L0001218    ,
                L0001219    , L0001220    , L0001221    , L0001222    , L0001223    , L0001224    , L0001225    ,
. . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00002      0.00002
0.00002      0.00002
  4215938.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00002
0.00002      0.00002
  4215918.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00002
```

0.00002 0.00002
4215898.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00002
0.00002 0.00002
4215878.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00002 0.00002
4215858.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00002 0.00002
4215838.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00002
4215818.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00002
4215798.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00002
4215778.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00002
4215758.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215738.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215718.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215698.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215678.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215658.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215638.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215618.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215598.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215578.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215558.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215538.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215518.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215498.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215478.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215458.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215438.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215418.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215398.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215378.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215358.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215338.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215318.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215298.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215278.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215258.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215238.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001

  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                                INCLUDING SOURCE(S):   L0001198   , L0001199   , L0001200   , L0001201   ,
L0001202   ,
                L0001203   , L0001204   , L0001205   , L0001206   , L0001207   , L0001208   , L0001209   ,
L0001210   ,
                L0001211   , L0001212   , L0001213   , L0001214   , L0001215   , L0001216   , L0001217   ,
L0001218   ,
                L0001219   , L0001220   , L0001221   , L0001222   , L0001223   , L0001224   , L0001225   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214998.00 | 0.00000   0.00000   0.00000   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214978.00 | 0.00000   0.00000   0.00000   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                                INCLUDING SOURCE(S):   L0001198   , L0001199   , L0001200   , L0001201   ,
L0001202   ,
                L0001203   , L0001204   , L0001205   , L0001206   , L0001207   , L0001208   , L0001209   ,
L0001210   ,

L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00002	0.00003	0.00003	0.00004	0.00004	0.00006	0.00007	0.00008	0.00007
4215938.00	0.00002	0.00003	0.00003	0.00003	0.00004	0.00005	0.00006	0.00008	0.00007
4215918.00	0.00002	0.00002	0.00003	0.00003	0.00004	0.00004	0.00005	0.00007	0.00007
4215898.00	0.00002	0.00002	0.00003	0.00003	0.00003	0.00004	0.00005	0.00006	0.00007
4215878.00	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00004	0.00005	0.00006
4215858.00	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004	0.00004	0.00005
4215838.00	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00004	0.00004
4215818.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00004
4215798.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00004
4215778.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215758.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215738.00	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003
4215718.00	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215698.00	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003
4215678.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215658.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215638.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215618.00	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215598.00	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002
4215578.00	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002
4215558.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002
4215538.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002
4215518.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002
4215498.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002	0.00002
4215478.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002	0.00002
4215458.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002
4215438.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00002

  4215418.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215398.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00002
  4215378.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00002
  4215358.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00002
  4215338.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                              INCLUDING SOURCE(S):   L0001198   , L0001199   , L0001200   , L0001201   ,
L0001202   ,
               L0001203   , L0001204   , L0001205   , L0001206   , L0001207   , L0001208   , L0001209   ,
L0001210   ,
               L0001211   , L0001212   , L0001213   , L0001214   , L0001215   , L0001216   , L0001217   ,
L0001218   ,
               L0001219   , L0001220   , L0001221   , L0001222   , L0001223   , L0001224   , L0001225   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR   ***
                                INCLUDING SOURCE(S):   L0001198   , L0001199   , L0001200   , L0001201   ,
L0001202   ,
                L0001203   , L0001204   , L0001205   , L0001206   , L0001207   , L0001208   , L0001209   ,
L0001210   ,
                L0001211   , L0001212   , L0001213   , L0001214   , L0001215   , L0001216   , L0001217   ,
L0001218   ,
                L0001219   , L0001220   , L0001221   , L0001222   , L0001223   , L0001224   , L0001225   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215958.00 | 0.00006   0.00007   0.00005   0.00004   0.00004   0.00003   0.00003
0.00003   0.00003
  4215938.00 | 0.00007   0.00006   0.00006   0.00005   0.00004   0.00004   0.00003
0.00003   0.00003
  4215918.00 | 0.00007   0.00007   0.00006   0.00006   0.00005   0.00004   0.00004
0.00003   0.00003
  4215898.00 | 0.00007   0.00007   0.00008   0.00007   0.00005   0.00004   0.00004
0.00003   0.00003
  4215878.00 | 0.00007   0.00008   0.00007   0.00007   0.00006   0.00005   0.00004
0.00004   0.00003
  4215858.00 | 0.00007   0.00008   0.00008   0.00007   0.00006   0.00006   0.00005
0.00004   0.00004
  4215838.00 | 0.00006   0.00007   0.00007   0.00008   0.00006   0.00007   0.00005
0.00005   0.00004
  4215818.00 | 0.00005   0.00006   0.00007   0.00007   0.00008   0.00006   0.00006
0.00005   0.00004
  4215798.00 | 0.00004   0.00005   0.00007   0.00007   0.00007   0.00007   0.00007
0.00006   0.00005
  4215778.00 | 0.00004   0.00004   0.00006   0.00007   0.00008   0.00007   0.00007
0.00007   0.00006
  4215758.00 | 0.00003   0.00004   0.00005   0.00006   0.00007   0.00007   0.00007
0.00007   0.00007
  4215738.00 | 0.00003   0.00004   0.00004   0.00005   0.00006   0.00006   0.00006
0.00007   0.00006
  4215718.00 | 0.00003   0.00003   0.00004   0.00004   0.00005   0.00007   0.00007
0.00008   0.00006
  4215698.00 | 0.00003   0.00003   0.00004   0.00004   0.00005   0.00006   0.00006
0.00007   0.00007
  4215678.00 | 0.00003   0.00003   0.00003   0.00004   0.00004   0.00005   0.00006
0.00007   0.00007
  4215658.00 | 0.00002   0.00003   0.00003   0.00003   0.00004   0.00005   0.00005
0.00007   0.00007
  4215638.00 | 0.00002   0.00003   0.00003   0.00003   0.00004   0.00004   0.00005
0.00006   0.00007

```
  4215618.00 |       0.00002      0.00002      0.00003      0.00003      0.00003      0.00004      0.00004
0.00005      0.00006
  4215598.00 |       0.00002      0.00002      0.00003      0.00003      0.00003      0.00004      0.00004
0.00005      0.00006
  4215578.00 |       0.00002      0.00002      0.00002      0.00003      0.00003      0.00003      0.00004
0.00004      0.00005
  4215558.00 |       0.00002      0.00002      0.00002      0.00003      0.00003      0.00003      0.00004
0.00004      0.00005
  4215538.00 |       0.00002      0.00002      0.00002      0.00003      0.00003      0.00003      0.00004
0.00005      0.00006
  4215518.00 |       0.00002      0.00002      0.00002      0.00003      0.00003      0.00004      0.00005
0.00004      0.00004
  4215498.00 |       0.00002      0.00002      0.00002      0.00003      0.00003      0.00003      0.00004
0.00004      0.00004
  4215478.00 |       0.00002      0.00002      0.00002      0.00002      0.00003      0.00003      0.00004
0.00004      0.00005
  4215458.00 |       0.00002      0.00002      0.00002      0.00002      0.00003      0.00004      0.00004
0.00007      0.00007
  4215438.00 |       0.00002      0.00002      0.00002      0.00002      0.00003      0.00004      0.00005
0.00006      0.00006
  4215418.00 |       0.00002      0.00002      0.00002      0.00002      0.00003      0.00003      0.00004
0.00005      0.00005
  4215398.00 |       0.00002      0.00002      0.00002      0.00002      0.00003      0.00003      0.00004
0.00004      0.00004
  4215378.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00003      0.00003
0.00004      0.00004
  4215358.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00003      0.00003
0.00003      0.00003
  4215338.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00003
0.00003      0.00003
  4215318.00 |       0.00001      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00003      0.00003
  4215298.00 |       0.00001      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215278.00 |       0.00001      0.00001      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215258.00 |       0.00001      0.00001      0.00001      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215238.00 |       0.00001      0.00001      0.00001      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215218.00 |       0.00001      0.00001      0.00001      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215198.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00002      0.00002
0.00002      0.00002
  4215178.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00002      0.00002
0.00002      0.00002
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 347
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                INCLUDING SOURCE(S):     L0001198    , L0001199    , L0001200    , L0001201    ,
L0001202    ,
               L0001203    , L0001204    , L0001205    , L0001206    , L0001207    , L0001208    , L0001209    ,
L0001210    ,
               L0001211    , L0001212    , L0001213    , L0001214    , L0001215    , L0001216    , L0001217    ,
L0001218    ,
               L0001219    , L0001220    , L0001221    , L0001222    , L0001223    , L0001224    , L0001225    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **
```

```
    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00002
0.00002      0.00001
  4215138.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215118.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215098.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215078.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215058.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215038.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215018.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4214998.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4214978.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 348
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
TK2HR    ***
                                INCLUDING SOURCE(S):     L0001198    , L0001199    , L0001200    , L0001201    ,
L0001202    ,
                L0001203    , L0001204    , L0001205    , L0001206    , L0001207    , L0001208    , L0001209    ,
L0001210    ,
                L0001211    , L0001212    , L0001213    , L0001214    , L0001215    , L0001216    , L0001217    ,
L0001218    ,
                L0001219    , L0001220    , L0001221    , L0001222    , L0001223    , L0001224    , L0001225    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00001
  4215938.00 |       0.00003      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215918.00 |       0.00003      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215898.00 |       0.00003      0.00003      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215878.00 |       0.00003      0.00003      0.00003      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215858.00 |       0.00003      0.00003      0.00003      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215838.00 |       0.00004      0.00003      0.00003      0.00003      0.00002      0.00002      0.00002
0.00002      0.00002
```

```
  4215818.00 |       0.00004      0.00003      0.00003      0.00003      0.00003      0.00002      0.00002
0.00002      0.00002
  4215798.00 |       0.00004      0.00004      0.00003      0.00003      0.00003      0.00003      0.00002
0.00002      0.00002
  4215778.00 |       0.00005      0.00004      0.00004      0.00003      0.00003      0.00003      0.00003
0.00002      0.00002
  4215758.00 |       0.00005      0.00005      0.00004      0.00004      0.00003      0.00003      0.00003
0.00003      0.00002
  4215738.00 |       0.00006      0.00005      0.00004      0.00004      0.00004      0.00003      0.00003
0.00003      0.00002
  4215718.00 |       0.00007      0.00006      0.00005      0.00004      0.00004      0.00004      0.00003
0.00003      0.00002
  4215698.00 |       0.00006      0.00007      0.00006      0.00005      0.00004      0.00004      0.00003
0.00003      0.00002
  4215678.00 |       0.00007      0.00007      0.00007      0.00005      0.00005      0.00004      0.00004
0.00003      0.00002
  4215658.00 |       0.00007      0.00006      0.00008      0.00006      0.00005      0.00005      0.00004
0.00003      0.00002
  4215638.00 |       0.00007      0.00007      0.00006      0.00007      0.00006      0.00005      0.00004
0.00003      0.00002
  4215618.00 |       0.00006      0.00007      0.00006      0.00005      0.00007      0.00005      0.00004
0.00003      0.00002
  4215598.00 |       0.00007      0.00006      0.00007      0.00006      0.00008      0.00005      0.00004
0.00003      0.00002
  4215578.00 |       0.00006      0.00007      0.00007      0.00007      0.00006      0.00006      0.00004
0.00003      0.00002
  4215558.00 |       0.00006      0.00007      0.00007      0.00007      0.00006      0.00006      0.00004
0.00003      0.00002
  4215538.00 |       0.00005      0.00006      0.00006      0.00006      0.00009      0.00006      0.00004
0.00003      0.00002
  4215518.00 |       0.00005      0.00006      0.00007      0.00009      0.00007      0.00006      0.00004
0.00003      0.00002
  4215498.00 |       0.00005      0.00007      0.00008      0.00007      0.00006      0.00005      0.00004
0.00003      0.00002
  4215478.00 |       0.00008      0.00007      0.00007      0.00006      0.00005      0.00005      0.00004
0.00003      0.00002
  4215458.00 |       0.00007      0.00006      0.00006      0.00005      0.00005      0.00005      0.00004
0.00003      0.00002
  4215438.00 |       0.00006      0.00005      0.00005      0.00005      0.00004      0.00004      0.00004
0.00003      0.00003
  4215418.00 |       0.00005      0.00005      0.00004      0.00004      0.00004      0.00004      0.00004
0.00003      0.00003
  4215398.00 |       0.00004      0.00004      0.00004      0.00004      0.00003      0.00003      0.00003
0.00003      0.00003
  4215378.00 |       0.00004      0.00004      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215358.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215338.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00002      0.00002
0.00002      0.00002
  4215318.00 |       0.00003      0.00003      0.00003      0.00003      0.00002      0.00002      0.00002
0.00002      0.00002
  4215298.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215278.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215258.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215238.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215218.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00001      0.00002
  4215198.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00001
0.00001      0.00001
  4215178.00 |       0.00002      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
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*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215138.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215118.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215098.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215078.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215058.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215038.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215018.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4214998.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4214978.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.00001	0.00001	0.00001	0.00001	0.00001
4215938.00	0.00001	0.00001	0.00001	0.00001	0.00001
4215918.00	0.00002	0.00001	0.00001	0.00001	0.00001
4215898.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215878.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215858.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215838.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215818.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215798.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215778.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215758.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215738.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215718.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215698.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215678.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215658.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215638.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215618.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215598.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215578.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215558.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215538.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215518.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215498.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215478.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215458.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215438.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215418.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215398.00	0.00002	0.00002	0.00001	0.00001	0.00001
4215378.00	0.00002	0.00002	0.00002	0.00001	0.00001
4215358.00	0.00002	0.00002	0.00002	0.00001	0.00001
4215338.00	0.00002	0.00002	0.00002	0.00001	0.00001
4215318.00	0.00002	0.00002	0.00002	0.00001	0.00001
4215298.00	0.00002	0.00002	0.00002	0.00002	0.00001
4215278.00	0.00002	0.00002	0.00002	0.00001	0.00001
4215258.00	0.00002	0.00002	0.00002	0.00001	0.00001
4215238.00	0.00002	0.00002	0.00002	0.00001	0.00001
4215218.00	0.00002	0.00002	0.00002	0.00001	0.00001
4215198.00	0.00001	0.00002	0.00002	0.00001	0.00001
4215178.00	0.00001	0.00001	0.00001	0.00001	0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***

INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)

4215158.00	0.00001	0.00001	0.00001	0.00001	0.00001
4215138.00	0.00001	0.00001	0.00001	0.00001	0.00001
4215118.00	0.00001	0.00001	0.00001	0.00001	0.00001
4215098.00	0.00001	0.00001	0.00001	0.00001	0.00001
4215078.00	0.00001	0.00001	0.00001	0.00001	0.00001
4215058.00	0.00001	0.00001	0.00001	0.00001	0.00001
4215038.00	0.00001	0.00001	0.00001	0.00001	0.00001
4215018.00	0.00001	0.00001	0.00001	0.00001	0.00001
4214998.00	0.00001	0.00001	0.00001	0.00001	0.00001
4214978.00	0.00001	0.00001	0.00001	0.00001	0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***

INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 , L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00002	539351.84	4215428.70	0.00002
539361.84	4215428.70	0.00003	539371.84	4215428.70	0.00003
539381.84	4215428.70	0.00003	539341.84	4215438.70	0.00002
539351.84	4215438.70	0.00003	539361.84	4215438.70	0.00003
539371.84	4215438.70	0.00003	539381.84	4215438.70	0.00004
539341.84	4215448.70	0.00002	539351.84	4215448.70	0.00003
539361.84	4215448.70	0.00003	539371.84	4215448.70	0.00003
539381.84	4215448.70	0.00004	539341.84	4215458.70	0.00002
539351.84	4215458.70	0.00003	539361.84	4215458.70	0.00003
539371.84	4215458.70	0.00004	539381.84	4215458.70	0.00004
539341.84	4215468.70	0.00002	539351.84	4215468.70	0.00003
539361.84	4215468.70	0.00003	539371.84	4215468.70	0.00004
539381.84	4215468.70	0.00004	539113.88	4215517.52	0.00001
539096.52	4215515.99	0.00001	539108.26	4215501.18	0.00001
539096.01	4215500.67	0.00001	539108.26	4215486.38	0.00001

539094.47	4215485.36	0.00001	539135.32	4215461.36	0.00001
539150.13	4215439.91	0.00001	539114.39	4215452.68	0.00001
539123.07	4215439.40	0.00001	539159.32	4215421.02	0.00001
539145.02	4215416.43	0.00001	539134.30	4215410.81	0.00001
539131.75	4215425.11	0.00001	539206.80	4215383.75	0.00001
539215.99	4215372.52	0.00001	539188.93	4215382.22	0.00001
539176.17	4215379.67	0.00001	539165.44	4215376.09	0.00001
539248.79	4215356.71	0.00001	539243.45	4215348.45	0.00001
539265.58	4215345.25	0.00002	539260.78	4215338.05	0.00001
539256.25	4215351.38	0.00001	539272.77	4215331.92	0.00002
539264.78	4215324.99	0.00001	539280.77	4215321.79	0.00001
539279.97	4215307.14	0.00001	539287.97	4215313.80	0.00001
539297.83	4215304.74	0.00002	539289.56	4215296.21	0.00001
539311.15	4215287.68	0.00002	539303.69	4215281.28	0.00001
539303.69	4215296.21	0.00002	539314.25	4215271.79	0.00001
539329.09	4215260.48	0.00001	539339.69	4215237.16	0.00002
539357.36	4215232.92	0.00002	539394.11	4215199.70	0.00002
539044.99	4215579.21	0.00001	539034.39	4215591.93	0.00001
539054.88	4215556.59	0.00001	539058.42	4215538.92	0.00001
539054.88	4215520.55	0.00001	539082.44	4215477.44	0.00001
539073.96	4215466.13	0.00001	539098.70	4215440.69	0.00001
539109.30	4215426.56	0.00001	539117.07	4215415.96	0.00001
539125.55	4215401.11	0.00001	539158.77	4215367.19	0.00001
539150.29	4215357.30	0.00001	539184.21	4215339.63	0.00001
539222.37	4215324.79	0.00001	539243.58	4215317.72	0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: TK2HR ***
INCLUDING SOURCE(S): L0001198 , L0001199 , L0001200 , L0001201 , L0001202 ,
L0001203 , L0001204 , L0001205 , L0001206 , L0001207 , L0001208 , L0001209 , L0001210 ,
L0001211 , L0001212 , L0001213 , L0001214 , L0001215 , L0001216 , L0001217 , L0001218 ,
L0001219 , L0001220 , L0001221 , L0001222 , L0001223 , L0001224 , L0001225 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00001	539364.42	4215191.93	0.00001
539344.64	4215200.41	0.00001	539409.65	4215113.48	0.00001
539355.94	4215136.80	0.00001	539262.66	4215288.75	0.00001
539282.44	4215261.19	0.00001	539299.41	4215235.04	0.00001
538948.91	4216164.24	0.00002	539351.64	4215795.94	0.00007
539171.40	4215646.30	0.00002	539358.95	4215583.01	0.00003
539293.80	4215538.56	0.00002	539260.82	4215517.04	0.00002
539279.41	4215503.60	0.00002	539292.18	4215495.55	0.00002
539318.95	4215487.21	0.00002	539337.11	4215482.84	0.00002
539356.14	4215482.00	0.00003	539369.89	4215483.02	0.00004
539384.66	4215486.57	0.00003	539391.49	4215490.91	0.00003
539342.66	4215571.90	0.00003	539326.38	4215560.79	0.00002
539310.09	4215549.67	0.00002	539277.31	4215527.80	0.00002
539270.11	4215510.32	0.00002	539305.56	4215491.38	0.00002
539384.98	4215509.33	0.00004	539378.47	4215527.75	0.00003
539371.97	4215546.17	0.00003	539365.46	4215564.59	0.00003

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00007	0.00007	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006
4215938.00	0.00007	0.00007	0.00007	0.00006	0.00006	0.00006	0.00006	0.00006	0.00005
4215918.00	0.00006	0.00006	0.00006	0.00006	0.00006	0.00006	0.00005		

```
0.00005      0.00005
  4215898.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00005      0.00005
0.00005      0.00005
  4215878.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215858.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00004      0.00004
  4215838.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00004
0.00004      0.00004
  4215818.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00004      0.00004
0.00004      0.00004
  4215798.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215778.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4215758.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00003
  4215738.00 |       0.00004      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00003      0.00003
  4215718.00 |       0.00004      0.00004      0.00004      0.00004      0.00003      0.00003      0.00003
0.00003      0.00003
  4215698.00 |       0.00004      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215678.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215658.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215638.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215618.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215598.00 |       0.00003      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215578.00 |       0.00003      0.00003      0.00003      0.00002      0.00002      0.00003      0.00002
0.00003      0.00002
  4215558.00 |       0.00003      0.00003      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215538.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215518.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215498.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215478.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215458.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215438.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215418.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215398.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215378.00 |       0.00002      0.00002      0.00002      0.00002      0.00002      0.00002      0.00002
0.00002      0.00002
  4215358.00 |       0.00002      0.00002      0.00001      0.00002      0.00001      0.00002      0.00002
0.00002      0.00002
  4215338.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00002      0.00002
0.00002      0.00002
  4215318.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00002      0.00002
  4215298.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00002
  4215278.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215258.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
  4215238.00 |       0.00001      0.00001      0.00001      0.00001      0.00001      0.00001      0.00001
0.00001      0.00001
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  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214998.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)

(METERS)	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00005	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00003
4215938.00	0.00005	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00003
4215918.00	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215898.00	0.00005	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215878.00	0.00005	0.00005	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003
4215858.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003
4215838.00	0.00004	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003
4215818.00	0.00004	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003
4215798.00	0.00004	0.00004	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215778.00	0.00004	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215758.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215738.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003
4215718.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002
4215698.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002
4215678.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
4215658.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215638.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215618.00	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215598.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215578.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215558.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215538.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215518.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215498.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215478.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215458.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215438.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215418.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215398.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215378.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215358.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00002	0.00001
4215338.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001

  4215318.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214998.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:

WKR1HR ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
4215938.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
4215918.00	0.00003	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002
4215898.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215878.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215858.00	0.00003	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002
4215838.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215818.00	0.00003	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215798.00	0.00003	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215778.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215758.00	0.00003	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215738.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215718.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215698.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215678.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215658.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215638.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215618.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215598.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215578.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215558.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215538.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215518.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215498.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215478.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215458.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002
4215438.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00001	0.00002	0.00002	0.00002

  4215418.00 | 0.00002   0.00002   0.00002   0.00001   0.00002   0.00001   0.00001
0.00001   0.00001
  4215398.00 | 0.00002   0.00002   0.00002   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215378.00 | 0.00002   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215358.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215338.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214998.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215938.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215918.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215898.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215878.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215858.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215838.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215818.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215798.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215778.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215758.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215738.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215718.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215698.00	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215678.00	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215658.00	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215638.00	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215618.00	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215598.00	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215578.00	0.00002	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215558.00	0.00002	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
4215538.00	0.00002	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001

  4215518.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215498.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215478.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215458.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215438.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215418.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215398.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215378.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215358.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215338.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001

0.00001 0.00001
4215058.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215038.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4215018.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4214998.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001
4214978.00 | 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001 0.00001
0.00001 0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00
539604.00	539624.00						
4215958.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00001						
4215938.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215918.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215898.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00001						
4215878.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00001						
4215858.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00001						
4215838.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215818.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215798.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215778.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215758.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215738.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00000	0.00000						
4215718.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215698.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215678.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215658.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00000						
4215638.00	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001
0.00001	0.00001						

  4215618.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215598.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215578.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215558.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215538.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215518.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215498.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215478.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215458.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215438.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215418.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215398.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215378.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215358.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215338.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215318.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215298.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215278.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215258.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215238.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215138.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215118.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215098.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214998.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001
  4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00001   0.00001   0.00001
0.00001   0.00001

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

  4215958.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215938.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215918.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215898.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215878.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215858.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215838.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215818.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215798.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215778.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215758.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215738.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215718.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215698.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215678.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215658.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215638.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215618.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215598.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215578.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215558.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215538.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215518.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215498.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
  4215478.00 | 0.00001   0.00000   0.00000   0.00000   0.00000

 4215458.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215438.00 | 0.00000   0.00000   0.00000   0.00000   0.00000
 4215418.00 | 0.00001   0.00000   0.00000   0.00000   0.00000
 4215398.00 | 0.00001   0.00000   0.00000   0.00000   0.00000
 4215378.00 | 0.00001   0.00000   0.00000   0.00000   0.00000
 4215358.00 | 0.00001   0.00000   0.00000   0.00000   0.00000
 4215338.00 | 0.00001   0.00000   0.00000   0.00000   0.00000
 4215318.00 | 0.00001   0.00001   0.00000   0.00000   0.00000
 4215298.00 | 0.00001   0.00001   0.00000   0.00000   0.00000
 4215278.00 | 0.00001   0.00001   0.00000   0.00000   0.00000
 4215258.00 | 0.00001   0.00001   0.00001   0.00000   0.00000
 4215238.00 | 0.00001   0.00001   0.00001   0.00000   0.00000
 4215218.00 | 0.00001   0.00001   0.00001   0.00001   0.00000
 4215198.00 | 0.00001   0.00001   0.00001   0.00001   0.00000
 4215178.00 | 0.00001   0.00001   0.00001   0.00001   0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

 4215158.00 | 0.00001   0.00001   0.00001   0.00001   0.00001
 4215138.00 | 0.00001   0.00001   0.00001   0.00000   0.00000
 4215118.00 | 0.00001   0.00001   0.00001   0.00000   0.00000
 4215098.00 | 0.00001   0.00001   0.00001   0.00000   0.00000
 4215078.00 | 0.00001   0.00001   0.00001   0.00001   0.00000
 4215058.00 | 0.00001   0.00001   0.00001   0.00001   0.00000
 4215038.00 | 0.00001   0.00001   0.00001   0.00001   0.00000
 4215018.00 | 0.00001   0.00001   0.00001   0.00001   0.00001
 4214998.00 | 0.00001   0.00001   0.00001   0.00001   0.00001
 4214978.00 | 0.00001   0.00001   0.00001   0.00001   0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR1HR   ***
                              INCLUDING SOURCE(S):   L0000789   , L0000790   , L0000791   , L0000792   ,
L0000793   ,
                L0000794   , L0000795   , L0000796   , L0000797   , L0000798   , L0000799   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

      X-COORD (M)   Y-COORD (M)   CONC   X-COORD (M)   Y-COORD (M)   CONC
 -
- - - - - - -

539341.84	4215428.70	0.00001	539351.84	4215428.70	0.00001
539361.84	4215428.70	0.00001	539371.84	4215428.70	0.00001
539381.84	4215428.70	0.00001	539341.84	4215438.70	0.00001
539351.84	4215438.70	0.00001	539361.84	4215438.70	0.00001
539371.84	4215438.70	0.00001	539381.84	4215438.70	0.00001
539341.84	4215448.70	0.00001	539351.84	4215448.70	0.00001
539361.84	4215448.70	0.00001	539371.84	4215448.70	0.00001
539381.84	4215448.70	0.00001	539341.84	4215458.70	0.00001
539351.84	4215458.70	0.00001	539361.84	4215458.70	0.00001
539371.84	4215458.70	0.00001	539381.84	4215458.70	0.00001
539341.84	4215468.70	0.00001	539351.84	4215468.70	0.00001
539361.84	4215468.70	0.00001	539371.84	4215468.70	0.00001
539381.84	4215468.70	0.00001	539113.88	4215517.52	0.00002
539096.52	4215515.99	0.00002	539108.26	4215501.18	0.00002
539096.01	4215500.67	0.00002	539108.26	4215486.38	0.00002
539094.47	4215485.36	0.00002	539135.32	4215461.36	0.00002
539150.13	4215439.91	0.00002	539114.39	4215452.68	0.00002
539123.07	4215439.40	0.00002	539159.32	4215421.02	0.00001
539145.02	4215416.43	0.00002	539134.30	4215410.81	0.00002
539131.75	4215425.11	0.00002	539206.80	4215383.75	0.00001
539215.99	4215372.52	0.00001	539188.93	4215382.22	0.00001
539176.17	4215379.67	0.00001	539165.44	4215376.09	0.00001
539248.79	4215356.71	0.00001	539243.45	4215348.45	0.00001
539265.58	4215345.25	0.00001	539260.78	4215338.05	0.00001
539256.25	4215351.38	0.00001	539272.77	4215331.92	0.00001
539264.78	4215324.99	0.00001	539280.77	4215321.79	0.00001
539279.97	4215307.14	0.00001	539287.97	4215313.80	0.00001
539297.83	4215304.74	0.00001	539289.56	4215296.21	0.00001
539311.15	4215287.68	0.00001	539303.69	4215281.28	0.00001
539303.69	4215296.21	0.00001	539314.25	4215271.79	0.00001
539329.09	4215260.48	0.00001	539339.69	4215237.16	0.00001
539357.36	4215232.92	0.00001	539394.11	4215199.70	0.00001
539044.99	4215579.21	0.00002	539034.39	4215591.93	0.00002
539054.88	4215556.59	0.00002	539058.42	4215538.92	0.00002
539054.88	4215520.55	0.00002	539082.44	4215477.44	0.00002

539073.96	4215466.13	0.00002	539098.70	4215440.69	0.00002
539109.30	4215426.56	0.00002	539117.07	4215415.96	0.00002
539125.55	4215401.11	0.00002	539158.77	4215367.19	0.00001
539150.29	4215357.30	0.00001	539184.21	4215339.63	0.00001
539222.37	4215324.79	0.00001	539243.58	4215317.72	0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR1HR ***

INCLUDING SOURCE(S): L0000789 , L0000790 , L0000791 , L0000792 , L0000793 ,
L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00001	539364.42	4215191.93	0.00001
539344.64	4215200.41	0.00001	539409.65	4215113.48	0.00001
539355.94	4215136.80	0.00001	539262.66	4215288.75	0.00001
539282.44	4215261.19	0.00001	539299.41	4215235.04	0.00001
538948.91	4216164.24	0.00010	539351.64	4215795.94	0.00001
539171.40	4215646.30	0.00002	539358.95	4215583.01	0.00001
539293.80	4215538.56	0.00002	539260.82	4215517.04	0.00002
539279.41	4215503.60	0.00001	539292.18	4215495.55	0.00001
539318.95	4215487.21	0.00001	539337.11	4215482.84	0.00001
539356.14	4215482.00	0.00001	539369.89	4215483.02	0.00001
539384.66	4215486.57	0.00001	539391.49	4215490.91	0.00001
539342.66	4215571.90	0.00001	539326.38	4215560.79	0.00001
539310.09	4215549.67	0.00001	539277.31	4215527.80	0.00002
539270.11	4215510.32	0.00001	539305.56	4215491.38	0.00001
539384.98	4215509.33	0.00001	539378.47	4215527.75	0.00001
539371.97	4215546.17	0.00001	539365.46	4215564.59	0.00001

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00004
4215938.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00004
4215918.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00004
4215898.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00004
4215878.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004
4215858.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004
4215838.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004
4215818.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004
4215798.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004
4215778.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004
4215758.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004
4215738.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00004
4215718.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003
4215698.00	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003
4215678.00	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003
4215658.00	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215638.00	0.00001	0.00002	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215618.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215598.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215578.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215558.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003
4215538.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00003	0.00003	0.00003	0.00003
4215518.00	0.00001	0.00001	0.00002	0.00002	0.00002	0.00003	0.00003		

0.00003 0.00003
4215498.00 | 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003
0.00003 0.00003
4215478.00 | 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003
0.00003 0.00003
4215458.00 | 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003
0.00003 0.00003
4215438.00 | 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003
0.00003 0.00003
4215418.00 | 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003
0.00003 0.00003
4215398.00 | 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003
0.00003 0.00003
4215378.00 | 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002 0.00003
0.00003 0.00003
4215358.00 | 0.00001 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00003 0.00003
4215338.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00003 0.00003
4215318.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00003
4215298.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215278.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215258.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215238.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215218.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215198.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215178.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP:
WKR2HR ***
INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 ,
L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 ,
L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 ,
L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 538744.00 538764.00 538784.00 538804.00 538824.00 538844.00 538864.00
538884.00 538904.00
- -
- - - - - - - -

4215158.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215138.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002
0.00002 0.00002
4215118.00 | 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002 0.00002

0.00002   0.00002
  4215098.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215078.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215058.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215038.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4215018.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4214998.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002
  4214978.00 | 0.00002   0.00002   0.00002   0.00002   0.00002   0.00002   0.00002
0.00002   0.00002

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: WKR2HR   ***
INCLUDING SOURCE(S):   L0001128   , L0001129   , L0001130   , L0001131   , L0001132   ,
L0001133   , L0001134   , L0001135   , L0001136   , L0001137   , L0001138   , L0001139   , L0001140   ,
L0001141   , L0001142   , L0001143   , L0001144   , L0001145   , L0001146   , L0001147   , L0001148   ,
L0001149   , L0001150   , L0001151   , L0001152   , L0001153   , L0001154   , L0001155   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00004	0.00005	0.00005	0.00006	0.00007	0.00007	0.00008	0.00009	0.00011
4215938.00	0.00004	0.00005	0.00005	0.00006	0.00006	0.00007	0.00008	0.00009	0.00010
4215918.00	0.00004	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008	0.00010
4215898.00	0.00004	0.00004	0.00005	0.00005	0.00006	0.00007	0.00007	0.00008	0.00009
4215878.00	0.00004	0.00004	0.00005	0.00005	0.00006	0.00006	0.00007	0.00008	0.00009
4215858.00	0.00004	0.00004	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008
4215838.00	0.00004	0.00004	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007	0.00008
4215818.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007
4215798.00	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007	0.00007
4215778.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007
4215758.00	0.00004	0.00004	0.00004	0.00005	0.00005	0.00005	0.00006	0.00006	0.00007
4215738.00	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006	0.00006	0.00007
4215718.00	0.00004	0.00004	0.00004	0.00004	0.00005	0.00005	0.00006		

0.00006 0.00006
4215698.00 | 0.00004 0.00004 0.00004 0.00004 0.00005 0.00005 0.00005
0.00006 0.00006
4215678.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005 0.00005
0.00006 0.00006
4215658.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005 0.00005
0.00006 0.00006
4215638.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005 0.00005
0.00005 0.00006
4215618.00 | 0.00004 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005
0.00005 0.00006
4215598.00 | 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005
0.00005 0.00005
4215578.00 | 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004 0.00005
0.00005 0.00005
4215558.00 | 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004 0.00005
0.00005 0.00005
4215538.00 | 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005
4215518.00 | 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005
4215498.00 | 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004 0.00004
0.00005 0.00005
4215478.00 | 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004
0.00005 0.00005
4215458.00 | 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004
0.00004 0.00005
4215438.00 | 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004 0.00004
0.00004 0.00005
4215418.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004
0.00004 0.00004
4215398.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004 0.00004
0.00004 0.00004
4215378.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004
0.00004 0.00004
4215358.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004
0.00004 0.00004
4215338.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004
0.00004 0.00004
4215318.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004
0.00004 0.00004
4215298.00 | 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003 0.00004
0.00004 0.00004
4215278.00 | 0.00002 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00004 0.00004
4215258.00 | 0.00002 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00004 0.00004
4215238.00 | 0.00002 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00004 0.00004
4215218.00 | 0.00002 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00004 0.00004
4215198.00 | 0.00002 0.00003 0.00003 0.00003 0.00003 0.00003 0.00003
0.00004 0.00004
4215178.00 | 0.00002 0.00002 0.00003 0.00003 0.00003 0.00003 0.00003
0.00003 0.00004

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,

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                L0001141    , L0001142    , L0001143    , L0001144    , L0001145    , L0001146    , L0001147    ,
L0001148    ,
                L0001149    , L0001150    , L0001151    , L0001152    , L0001153    , L0001154    , L0001155    ,
. . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00002      0.00002      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00004
  4215138.00 |       0.00002      0.00002      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215118.00 |       0.00002      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215098.00 |       0.00002      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215078.00 |       0.00002      0.00003      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215058.00 |       0.00002      0.00002      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215038.00 |       0.00002      0.00002      0.00003      0.00003      0.00003      0.00003      0.00003
0.00003      0.00003
  4215018.00 |       0.00002      0.00002      0.00002      0.00002      0.00003      0.00003      0.00003
0.00003      0.00003
  4214998.00 |       0.00002      0.00002      0.00002      0.00002      0.00003      0.00003      0.00003
0.00003      0.00003
  4214978.00 |       0.00002      0.00002      0.00002      0.00002      0.00003      0.00003      0.00003
0.00003      0.00003
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 372
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                  INCLUDING SOURCE(S):     L0001128    , L0001129    , L0001130    , L0001131    ,
L0001132    ,
                L0001133    , L0001134    , L0001135    , L0001136    , L0001137    , L0001138    , L0001139    ,
L0001140    ,
                L0001141    , L0001142    , L0001143    , L0001144    , L0001145    , L0001146    , L0001147    ,
L0001148    ,
                L0001149    , L0001150    , L0001151    , L0001152    , L0001153    , L0001154    , L0001155    ,
. . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.00012      0.00014      0.00016      0.00019      0.00024      0.00030      0.00042
0.00050      0.00042
  4215938.00 |       0.00011      0.00013      0.00015      0.00017      0.00021      0.00026      0.00033
0.00050      0.00041
  4215918.00 |       0.00011      0.00012      0.00013      0.00016      0.00018      0.00022      0.00027
```

```
0.00037     0.00037
  4215898.00 |       0.00010      0.00011      0.00012      0.00014      0.00017      0.00019      0.00024
0.00030     0.00043
  4215878.00 |       0.00009      0.00010      0.00012      0.00013      0.00015      0.00018      0.00021
0.00026     0.00033
  4215858.00 |       0.00009      0.00010      0.00011      0.00012      0.00014      0.00016      0.00019
0.00022     0.00028
  4215838.00 |       0.00008      0.00009      0.00010      0.00011      0.00013      0.00015      0.00017
0.00020     0.00024
  4215818.00 |       0.00008      0.00009      0.00010      0.00011      0.00012      0.00014      0.00015
0.00018     0.00021
  4215798.00 |       0.00008      0.00008      0.00009      0.00010      0.00011      0.00013      0.00014
0.00016     0.00018
  4215778.00 |       0.00008      0.00008      0.00009      0.00010      0.00010      0.00012      0.00013
0.00015     0.00017
  4215758.00 |       0.00007      0.00008      0.00008      0.00009      0.00010      0.00011      0.00012
0.00014     0.00015
  4215738.00 |       0.00007      0.00008      0.00008      0.00009      0.00009      0.00010      0.00012
0.00013     0.00014
  4215718.00 |       0.00007      0.00007      0.00008      0.00008      0.00009      0.00010      0.00011
0.00012     0.00013
  4215698.00 |       0.00007      0.00007      0.00008      0.00008      0.00009      0.00009      0.00010
0.00011     0.00012
  4215678.00 |       0.00006      0.00007      0.00007      0.00008      0.00008      0.00009      0.00010
0.00011     0.00012
  4215658.00 |       0.00006      0.00007      0.00007      0.00008      0.00008      0.00008      0.00009
0.00010     0.00011
  4215638.00 |       0.00006      0.00006      0.00007      0.00007      0.00008      0.00008      0.00009
0.00010     0.00011
  4215618.00 |       0.00006      0.00006      0.00007      0.00007      0.00008      0.00008      0.00008
0.00009     0.00010
  4215598.00 |       0.00006      0.00006      0.00006      0.00007      0.00007      0.00008      0.00008
0.00009     0.00010
  4215578.00 |       0.00006      0.00006      0.00006      0.00007      0.00007      0.00008      0.00008
0.00008     0.00009
  4215558.00 |       0.00005      0.00006      0.00006      0.00006      0.00007      0.00008      0.00008
0.00008     0.00009
  4215538.00 |       0.00005      0.00006      0.00006      0.00006      0.00007      0.00007      0.00008
0.00008     0.00009
  4215518.00 |       0.00005      0.00005      0.00006      0.00006      0.00006      0.00007      0.00008
0.00008     0.00008
  4215498.00 |       0.00005      0.00005      0.00005      0.00006      0.00006      0.00007      0.00007
0.00008     0.00008
  4215478.00 |       0.00005      0.00005      0.00005      0.00006      0.00006      0.00006      0.00007
0.00007     0.00008
  4215458.00 |       0.00005      0.00005      0.00005      0.00005      0.00006      0.00006      0.00007
0.00007     0.00008
  4215438.00 |       0.00005      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006
0.00007     0.00008
  4215418.00 |       0.00005      0.00005      0.00005      0.00005      0.00006      0.00006      0.00006
0.00006     0.00007
  4215398.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00006      0.00006
0.00006     0.00007
  4215378.00 |       0.00004      0.00005      0.00005      0.00005      0.00005      0.00005      0.00006
0.00006     0.00007
  4215358.00 |       0.00004      0.00005      0.00005      0.00005      0.00005      0.00005      0.00006
0.00006     0.00007
  4215338.00 |       0.00004      0.00004      0.00005      0.00005      0.00005      0.00005      0.00006
0.00006     0.00007
  4215318.00 |       0.00004      0.00004      0.00005      0.00005      0.00005      0.00005      0.00006
0.00006     0.00006
  4215298.00 |       0.00004      0.00004      0.00005      0.00005      0.00005      0.00005      0.00006
0.00006     0.00006
  4215278.00 |       0.00004      0.00004      0.00005      0.00005      0.00005      0.00005      0.00005
0.00006     0.00006
  4215258.00 |       0.00004      0.00004      0.00004      0.00005      0.00005      0.00005      0.00005
0.00006     0.00006
  4215238.00 |       0.00004      0.00004      0.00004      0.00005      0.00005      0.00005      0.00005
0.00005     0.00005
```

  4215218.00 | 0.00004   0.00004   0.00004   0.00004   0.00005   0.00005   0.00005
0.00005   0.00005
  4215198.00 | 0.00004   0.00004   0.00004   0.00004   0.00005   0.00005   0.00005
0.00005   0.00005
  4215178.00 | 0.00004   0.00004   0.00004   0.00004   0.00005   0.00005   0.00005
0.00005   0.00005

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):   L0001128   , L0001129   , L0001130   , L0001131   ,
L0001132   ,
                L0001133   , L0001134   , L0001135   , L0001136   , L0001137   , L0001138   , L0001139   ,
L0001140   ,
                L0001141   , L0001142   , L0001143   , L0001144   , L0001145   , L0001146   , L0001147   ,
L0001148   ,
                L0001149   , L0001150   , L0001151   , L0001152   , L0001153   , L0001154   , L0001155   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.00004   0.00004   0.00004   0.00004   0.00004   0.00004   0.00005
0.00005   0.00005
  4215138.00 | 0.00004   0.00004   0.00004   0.00004   0.00004   0.00004   0.00004
0.00005   0.00005
  4215118.00 | 0.00003   0.00004   0.00004   0.00004   0.00004   0.00004   0.00004
0.00005   0.00005
  4215098.00 | 0.00003   0.00004   0.00004   0.00004   0.00004   0.00004   0.00004
0.00004   0.00005
  4215078.00 | 0.00003   0.00003   0.00004   0.00004   0.00004   0.00004   0.00004
0.00004   0.00005
  4215058.00 | 0.00003   0.00003   0.00004   0.00004   0.00004   0.00004   0.00004
0.00004   0.00004
  4215038.00 | 0.00003   0.00003   0.00004   0.00004   0.00004   0.00004   0.00004
0.00004   0.00004
  4215018.00 | 0.00003   0.00003   0.00003   0.00004   0.00004   0.00004   0.00004
0.00004   0.00004
  4214998.00 | 0.00003   0.00003   0.00003   0.00003   0.00004   0.00004   0.00004
0.00004   0.00004
  4214978.00 | 0.00003   0.00003   0.00003   0.00003   0.00003   0.00004   0.00004
0.00004   0.00004

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):   L0001128   , L0001129   , L0001130   , L0001131   ,
L0001132   ,
                L0001133   , L0001134   , L0001135   , L0001136   , L0001137   , L0001138   , L0001139   ,
L0001140   ,

L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.00036	0.00040	0.00030	0.00023	0.00019	0.00017	0.00015	0.00014	0.00013
4215938.00	0.00041	0.00034	0.00036	0.00027	0.00022	0.00019	0.00017	0.00015	0.00014
4215918.00	0.00042	0.00039	0.00036	0.00033	0.00025	0.00021	0.00018	0.00016	0.00015
4215898.00	0.00041	0.00043	0.00045	0.00040	0.00030	0.00023	0.00020	0.00017	0.00016
4215878.00	0.00042	0.00044	0.00041	0.00040	0.00036	0.00027	0.00022	0.00019	0.00017
4215858.00	0.00037	0.00045	0.00046	0.00038	0.00036	0.00033	0.00025	0.00021	0.00019
4215838.00	0.00030	0.00043	0.00040	0.00046	0.00036	0.00041	0.00030	0.00024	0.00020
4215818.00	0.00026	0.00033	0.00039	0.00042	0.00045	0.00034	0.00037	0.00028	0.00023
4215798.00	0.00022	0.00027	0.00037	0.00042	0.00044	0.00044	0.00041	0.00033	0.00026
4215778.00	0.00020	0.00024	0.00030	0.00042	0.00048	0.00042	0.00040	0.00043	0.00030
4215758.00	0.00017	0.00021	0.00025	0.00033	0.00041	0.00044	0.00042	0.00042	0.00038
4215738.00	0.00016	0.00019	0.00022	0.00027	0.00036	0.00035	0.00035	0.00039	0.00038
4215718.00	0.00015	0.00017	0.00020	0.00023	0.00029	0.00040	0.00038	0.00045	0.00037
4215698.00	0.00014	0.00015	0.00018	0.00021	0.00025	0.00032	0.00037	0.00041	0.00042
4215678.00	0.00013	0.00014	0.00016	0.00019	0.00022	0.00027	0.00035	0.00041	0.00042
4215658.00	0.00012	0.00013	0.00015	0.00017	0.00020	0.00024	0.00029	0.00039	0.00045
4215638.00	0.00012	0.00013	0.00014	0.00016	0.00018	0.00021	0.00025	0.00032	0.00044
4215618.00	0.00011	0.00012	0.00013	0.00015	0.00017	0.00019	0.00022	0.00027	0.00035
4215598.00	0.00011	0.00012	0.00013	0.00014	0.00015	0.00018	0.00021	0.00024	0.00030
4215578.00	0.00010	0.00011	0.00012	0.00013	0.00015	0.00017	0.00020	0.00023	0.00027
4215558.00	0.00010	0.00011	0.00012	0.00013	0.00015	0.00017	0.00020	0.00024	0.00028
4215538.00	0.00009	0.00010	0.00011	0.00013	0.00015	0.00018	0.00022	0.00027	0.00037
4215518.00	0.00009	0.00010	0.00011	0.00012	0.00015	0.00021	0.00030	0.00025	0.00021
4215498.00	0.00009	0.00010	0.00011	0.00012	0.00016	0.00015	0.00022	0.00020	0.00022
4215478.00	0.00009	0.00010	0.00010	0.00012	0.00016	0.00015	0.00021	0.00019	0.00030
4215458.00	0.00008	0.00009	0.00010	0.00012	0.00016	0.00024	0.00019	0.00042	0.00041
4215438.00	0.00008	0.00008	0.00010	0.00011	0.00015	0.00020	0.00027	0.00031	0.00033

  4215418.00 | 0.00008   0.00008   0.00009   0.00011   0.00014   0.00017   0.00021
0.00025   0.00026
  4215398.00 | 0.00007   0.00008   0.00009   0.00010   0.00013   0.00015   0.00018
0.00022   0.00021
  4215378.00 | 0.00007   0.00008   0.00009   0.00010   0.00011   0.00013   0.00016
0.00019   0.00019
  4215358.00 | 0.00007   0.00008   0.00008   0.00009   0.00010   0.00012   0.00014
0.00015   0.00017
  4215338.00 | 0.00007   0.00008   0.00008   0.00009   0.00010   0.00011   0.00013
0.00014   0.00015
  4215318.00 | 0.00007   0.00007   0.00008   0.00008   0.00009   0.00010   0.00012
0.00013   0.00014
  4215298.00 | 0.00006   0.00007   0.00007   0.00008   0.00009   0.00010   0.00010
0.00012   0.00012
  4215278.00 | 0.00006   0.00007   0.00007   0.00008   0.00008   0.00009   0.00009
0.00011   0.00011
  4215258.00 | 0.00006   0.00007   0.00007   0.00008   0.00008   0.00008   0.00009
0.00010   0.00010
  4215238.00 | 0.00006   0.00006   0.00007   0.00007   0.00008   0.00008   0.00009
0.00010   0.00009
  4215218.00 | 0.00006   0.00006   0.00006   0.00007   0.00007   0.00007   0.00008
0.00009   0.00009
  4215198.00 | 0.00006   0.00006   0.00006   0.00007   0.00007   0.00007   0.00008
0.00008   0.00008
  4215178.00 | 0.00005   0.00006   0.00006   0.00007   0.00007   0.00007   0.00008
0.00008   0.00007

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):   L0001128   , L0001129   , L0001130   , L0001131   ,
L0001132   ,
               L0001133   , L0001134   , L0001135   , L0001136   , L0001137   , L0001138   , L0001139   ,
L0001140   ,
               L0001141   , L0001142   , L0001143   , L0001144   , L0001145   , L0001146   , L0001147   ,
L0001148   ,
               L0001149   , L0001150   , L0001151   , L0001152   , L0001153   , L0001154   , L0001155   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 0.00005   0.00006   0.00006   0.00006   0.00006   0.00007   0.00007
0.00007   0.00007
  4215138.00 | 0.00005   0.00005   0.00006   0.00006   0.00006   0.00006   0.00007
0.00007   0.00007
  4215118.00 | 0.00005   0.00005   0.00006   0.00006   0.00006   0.00006   0.00007
0.00006   0.00006
  4215098.00 | 0.00005   0.00005   0.00005   0.00005   0.00006   0.00006   0.00006
0.00006   0.00006
  4215078.00 | 0.00005   0.00005   0.00005   0.00005   0.00006   0.00006   0.00006
0.00006   0.00006
  4215058.00 | 0.00005   0.00005   0.00005   0.00005   0.00005   0.00006   0.00005
0.00005   0.00005
  4215038.00 | 0.00005   0.00005   0.00005   0.00005   0.00005   0.00005   0.00005
0.00005   0.00005

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.00012	0.00011	0.00010	0.00009	0.00009	0.00008	0.00008	0.00007	0.00007
4215938.00	0.00013	0.00012	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008	0.00008
4215918.00	0.00013	0.00012	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008	0.00008
4215898.00	0.00014	0.00013	0.00012	0.00011	0.00010	0.00010	0.00009	0.00009	0.00008
4215878.00	0.00015	0.00014	0.00013	0.00011	0.00011	0.00010	0.00009	0.00009	0.00009
4215858.00	0.00016	0.00015	0.00013	0.00012	0.00011	0.00011	0.00010	0.00009	0.00009
4215838.00	0.00018	0.00016	0.00014	0.00013	0.00012	0.00011	0.00011	0.00010	0.00010
4215818.00	0.00020	0.00018	0.00016	0.00014	0.00013	0.00012	0.00011	0.00011	0.00010
4215798.00	0.00022	0.00019	0.00017	0.00015	0.00014	0.00013	0.00012	0.00011	0.00011
4215778.00	0.00025	0.00022	0.00019	0.00017	0.00015	0.00014	0.00013	0.00012	0.00011
4215758.00	0.00029	0.00024	0.00021	0.00018	0.00016	0.00015	0.00014	0.00013	0.00012
4215738.00	0.00034	0.00027	0.00023	0.00020	0.00018	0.00017	0.00015	0.00014	0.00012
4215718.00	0.00044	0.00032	0.00026	0.00022	0.00020	0.00019	0.00017	0.00015	0.00012
4215698.00	0.00046	0.00040	0.00031	0.00025	0.00023	0.00021	0.00018	0.00015	0.00012
4215678.00	0.00039	0.00042	0.00037	0.00029	0.00026	0.00023	0.00020	0.00015	0.00011
4215658.00	0.00042	0.00036	0.00047	0.00035	0.00030	0.00025	0.00020	0.00014	0.00011
4215638.00	0.00038	0.00040	0.00035	0.00044	0.00035	0.00028	0.00019	0.00014	0.00012

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  4215618.00 |       0.00033      0.00039      0.00037      0.00031      0.00042      0.00029      0.00019
0.00015      0.00012
  4215598.00 |       0.00039      0.00038      0.00038      0.00036      0.00050      0.00030      0.00021
0.00015      0.00012
  4215578.00 |       0.00034      0.00039      0.00044      0.00043      0.00036      0.00033      0.00021
0.00016      0.00012
  4215558.00 |       0.00036      0.00035      0.00044      0.00042      0.00039      0.00031      0.00020
0.00014      0.00011
  4215538.00 |       0.00026      0.00034      0.00036      0.00035      0.00054      0.00031      0.00021
0.00015      0.00011
  4215518.00 |       0.00027      0.00030      0.00046      0.00054      0.00044      0.00032      0.00020
0.00015      0.00012
  4215498.00 |       0.00027      0.00042      0.00048      0.00041      0.00037      0.00030      0.00021
0.00015      0.00012
  4215478.00 |       0.00051      0.00042      0.00037      0.00033      0.00030      0.00028      0.00022
0.00015      0.00012
  4215458.00 |       0.00038      0.00034      0.00030      0.00027      0.00025      0.00025      0.00021
0.00016      0.00012
  4215438.00 |       0.00031      0.00027      0.00026      0.00023      0.00022      0.00022      0.00020
0.00016      0.00013
  4215418.00 |       0.00026      0.00024      0.00022      0.00021      0.00019      0.00019      0.00019
0.00016      0.00013
  4215398.00 |       0.00022      0.00021      0.00020      0.00018      0.00017      0.00017      0.00017
0.00015      0.00013
  4215378.00 |       0.00019      0.00019      0.00017      0.00017      0.00015      0.00015      0.00015
0.00015      0.00013
  4215358.00 |       0.00017      0.00017      0.00016      0.00015      0.00014      0.00013      0.00013
0.00014      0.00012
  4215338.00 |       0.00015      0.00015      0.00014      0.00014      0.00013      0.00012      0.00012
0.00013      0.00012
  4215318.00 |       0.00013      0.00013      0.00012      0.00013      0.00012      0.00011      0.00011
0.00012      0.00011
  4215298.00 |       0.00012      0.00012      0.00011      0.00012      0.00011      0.00010      0.00010
0.00010      0.00011
  4215278.00 |       0.00011      0.00011      0.00010      0.00011      0.00010      0.00010      0.00009
0.00009      0.00010
  4215258.00 |       0.00010      0.00010      0.00009      0.00010      0.00009      0.00009      0.00008
0.00009      0.00009
  4215238.00 |       0.00009      0.00009      0.00009      0.00009      0.00009      0.00008      0.00008
0.00008      0.00008
  4215218.00 |       0.00009      0.00008      0.00008      0.00008      0.00008      0.00008      0.00008
0.00007      0.00007
  4215198.00 |       0.00008      0.00008      0.00008      0.00008      0.00008      0.00007      0.00007
0.00007      0.00007
  4215178.00 |       0.00007      0.00007      0.00007      0.00007      0.00007      0.00007      0.00007
0.00006      0.00006
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 377
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                                INCLUDING SOURCE(S):     L0001128    , L0001129    , L0001130    , L0001131    ,
L0001132    ,
                L0001133    , L0001134    , L0001135    , L0001136    , L0001137    , L0001138    , L0001139    ,
L0001140    ,
                L0001141    , L0001142    , L0001143    , L0001144    , L0001145    , L0001146    , L0001147    ,
L0001148    ,
                L0001149    , L0001150    , L0001151    , L0001152    , L0001153    , L0001154    , L0001155    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **
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    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00007      0.00007      0.00007      0.00007      0.00007      0.00007      0.00006
0.00006      0.00006
  4215138.00 |       0.00007      0.00007      0.00006      0.00006      0.00006      0.00006      0.00006
0.00006      0.00006
  4215118.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00006      0.00006
0.00005      0.00005
  4215098.00 |       0.00006      0.00006      0.00006      0.00006      0.00006      0.00005      0.00005
0.00005      0.00005
  4215078.00 |       0.00006      0.00006      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215058.00 |       0.00006      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00005      0.00005
  4215038.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00005      0.00005
0.00004      0.00004
  4215018.00 |       0.00005      0.00005      0.00005      0.00005      0.00005      0.00004      0.00004
0.00004      0.00004
  4214998.00 |       0.00005      0.00005      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
  4214978.00 |       0.00005      0.00004      0.00004      0.00004      0.00004      0.00004      0.00004
0.00004      0.00004
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):     L0001128    , L0001129    , L0001130    , L0001131    ,
L0001132    ,
                 L0001133    , L0001134    , L0001135    , L0001136    , L0001137    , L0001138    , L0001139    ,
L0001140    ,
                 L0001141    , L0001142    , L0001143    , L0001144    , L0001145    , L0001146    , L0001147    ,
L0001148    ,
                 L0001149    , L0001150    , L0001151    , L0001152    , L0001153    , L0001154    , L0001155    ,
. . .       ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.00007      0.00007      0.00006      0.00006      0.00006
  4215938.00 |       0.00007      0.00007      0.00007      0.00006      0.00006
  4215918.00 |       0.00008      0.00007      0.00007      0.00007      0.00006
  4215898.00 |       0.00008      0.00007      0.00007      0.00007      0.00006
  4215878.00 |       0.00008      0.00008      0.00007      0.00006      0.00006
  4215858.00 |       0.00009      0.00008      0.00007      0.00007      0.00006
  4215838.00 |       0.00009      0.00008      0.00007      0.00006      0.00006
  4215818.00 |       0.00009      0.00009      0.00007      0.00006      0.00005
  4215798.00 |       0.00010      0.00008      0.00007      0.00006      0.00005
  4215778.00 |       0.00010      0.00008      0.00007      0.00006      0.00005
  4215758.00 |       0.00010      0.00008      0.00007      0.00006      0.00005
  4215738.00 |       0.00009      0.00008      0.00007      0.00006      0.00006
  4215718.00 |       0.00010      0.00008      0.00007      0.00006      0.00005
  4215698.00 |       0.00009      0.00008      0.00007      0.00006      0.00005
  4215678.00 |       0.00009      0.00008      0.00007      0.00006      0.00005
```

 4215658.00 | 0.00010   0.00008   0.00007   0.00006   0.00005
 4215638.00 | 0.00010   0.00008   0.00007   0.00006   0.00005
 4215618.00 | 0.00010   0.00008   0.00007   0.00006   0.00005
 4215598.00 | 0.00009   0.00008   0.00007   0.00006   0.00005
 4215578.00 | 0.00010   0.00008   0.00006   0.00005   0.00005
 4215558.00 | 0.00009   0.00007   0.00006   0.00005   0.00004
 4215538.00 | 0.00009   0.00008   0.00006   0.00005   0.00005
 4215518.00 | 0.00009   0.00008   0.00007   0.00005   0.00005
 4215498.00 | 0.00010   0.00008   0.00007   0.00006   0.00005
 4215478.00 | 0.00009   0.00008   0.00007   0.00006   0.00005
 4215458.00 | 0.00010   0.00008   0.00007   0.00006   0.00005
 4215438.00 | 0.00010   0.00008   0.00007   0.00006   0.00005
 4215418.00 | 0.00010   0.00008   0.00007   0.00006   0.00005
 4215398.00 | 0.00011   0.00009   0.00007   0.00006   0.00005
 4215378.00 | 0.00011   0.00009   0.00008   0.00006   0.00005
 4215358.00 | 0.00011   0.00009   0.00008   0.00007   0.00005
 4215338.00 | 0.00011   0.00009   0.00008   0.00007   0.00006
 4215318.00 | 0.00010   0.00009   0.00008   0.00007   0.00006
 4215298.00 | 0.00010   0.00010   0.00008   0.00007   0.00006
 4215278.00 | 0.00009   0.00009   0.00008   0.00007   0.00006
 4215258.00 | 0.00009   0.00008   0.00008   0.00007   0.00006
 4215238.00 | 0.00009   0.00008   0.00008   0.00007   0.00006
 4215218.00 | 0.00008   0.00008   0.00007   0.00007   0.00006
 4215198.00 | 0.00007   0.00007   0.00007   0.00007   0.00006
 4215178.00 | 0.00007   0.00007   0.00007   0.00007   0.00006

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
WKR2HR   ***
                              INCLUDING SOURCE(S):   L0001128   , L0001129   , L0001130   , L0001131   ,
L0001132   ,
                L0001133   , L0001134   , L0001135   , L0001136   , L0001137   , L0001138   , L0001139   ,
L0001140   ,
                L0001141   , L0001142   , L0001143   , L0001144   , L0001145   , L0001146   , L0001147   ,
L0001148   ,
                L0001149   , L0001150   , L0001151   , L0001152   , L0001153   , L0001154   , L0001155   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

 4215158.00 | 0.00006   0.00006   0.00006   0.00007   0.00006
 4215138.00 | 0.00006   0.00006   0.00006   0.00006   0.00006
 4215118.00 | 0.00005   0.00006   0.00006   0.00005   0.00006
 4215098.00 | 0.00005   0.00005   0.00005   0.00005   0.00005
 4215078.00 | 0.00005   0.00005   0.00005   0.00005   0.00005
 4215058.00 | 0.00004   0.00005   0.00005   0.00005   0.00005
 4215038.00 | 0.00004   0.00004   0.00004   0.00005   0.00005
 4215018.00 | 0.00004   0.00004   0.00004   0.00004   0.00004
 4214998.00 | 0.00004   0.00004   0.00004   0.00004   0.00004
 4214978.00 | 0.00004   0.00004   0.00004   0.00004   0.00004

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.00011	539351.84	4215428.70	0.00012
539361.84	4215428.70	0.00014	539371.84	4215428.70	0.00016
539381.84	4215428.70	0.00018	539341.84	4215438.70	0.00011
539351.84	4215438.70	0.00012	539361.84	4215438.70	0.00014
539371.84	4215438.70	0.00017	539381.84	4215438.70	0.00020
539341.84	4215448.70	0.00011	539351.84	4215448.70	0.00012
539361.84	4215448.70	0.00014	539371.84	4215448.70	0.00017
539381.84	4215448.70	0.00021	539341.84	4215458.70	0.00012
539351.84	4215458.70	0.00013	539361.84	4215458.70	0.00015
539371.84	4215458.70	0.00018	539381.84	4215458.70	0.00023
539341.84	4215468.70	0.00012	539351.84	4215468.70	0.00013
539361.84	4215468.70	0.00016	539371.84	4215468.70	0.00019
539381.84	4215468.70	0.00025	539113.88	4215517.52	0.00005
539096.52	4215515.99	0.00005	539108.26	4215501.18	0.00005
539096.01	4215500.67	0.00005	539108.26	4215486.38	0.00005
539094.47	4215485.36	0.00005	539135.32	4215461.36	0.00005
539150.13	4215439.91	0.00005	539114.39	4215452.68	0.00005
539123.07	4215439.40	0.00005	539159.32	4215421.02	0.00005
539145.02	4215416.43	0.00005	539134.30	4215410.81	0.00005
539131.75	4215425.11	0.00005	539206.80	4215383.75	0.00006
539215.99	4215372.52	0.00006	539188.93	4215382.22	0.00005
539176.17	4215379.67	0.00005	539165.44	4215376.09	0.00005
539248.79	4215356.71	0.00006	539243.45	4215348.45	0.00006
539265.58	4215345.25	0.00007	539260.78	4215338.05	0.00007
539256.25	4215351.38	0.00007	539272.77	4215331.92	0.00007

539264.78	4215324.99	0.00006	539280.77	4215321.79	0.00007
539279.97	4215307.14	0.00006	539287.97	4215313.80	0.00007
539297.83	4215304.74	0.00007	539289.56	4215296.21	0.00006
539311.15	4215287.68	0.00007	539303.69	4215281.28	0.00007
539303.69	4215296.21	0.00007	539314.25	4215271.79	0.00007
539329.09	4215260.48	0.00007	539339.69	4215237.16	0.00007
539357.36	4215232.92	0.00008	539394.11	4215199.70	0.00007
539044.99	4215579.21	0.00005	539034.39	4215591.93	0.00005
539054.88	4215556.59	0.00005	539058.42	4215538.92	0.00005
539054.88	4215520.55	0.00005	539082.44	4215477.44	0.00005
539073.96	4215466.13	0.00005	539098.70	4215440.69	0.00005
539109.30	4215426.56	0.00005	539117.07	4215415.96	0.00005
539125.55	4215401.11	0.00005	539158.77	4215367.19	0.00005
539150.29	4215357.30	0.00005	539184.21	4215339.63	0.00005
539222.37	4215324.79	0.00006	539243.58	4215317.72	0.00006

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: WKR2HR ***

INCLUDING SOURCE(S): L0001128 , L0001129 , L0001130 , L0001131 , L0001132 ,
L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 ,
L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 ,
L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.00007	539364.42	4215191.93	0.00007
539344.64	4215200.41	0.00007	539409.65	4215113.48	0.00006
539355.94	4215136.80	0.00006	539262.66	4215288.75	0.00006
539282.44	4215261.19	0.00006	539299.41	4215235.04	0.00006
538948.91	4216164.24	0.00008	539351.64	4215795.94	0.00040
539171.40	4215646.30	0.00008	539358.95	4215583.01	0.00015

539293.80	4215538.56	0.00010	539260.82	4215517.04	0.00008
539279.41	4215503.60	0.00009	539292.18	4215495.55	0.00009
539318.95	4215487.21	0.00010	539337.11	4215482.84	0.00011
539356.14	4215482.00	0.00014	539369.89	4215483.02	0.00018
539384.66	4215486.57	0.00015	539391.49	4215490.91	0.00016
539342.66	4215571.90	0.00013	539326.38	4215560.79	0.00012
539310.09	4215549.67	0.00011	539277.31	4215527.80	0.00009
539270.11	4215510.32	0.00008	539305.56	4215491.38	0.00010
539384.98	4215509.33	0.00024	539378.47	4215527.75	0.00018
539371.97	4215546.17	0.00016	539365.46	4215564.59	0.00015

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.50423	0.57000	0.67609	0.78916	0.86711	0.89676	0.90032	0.89519	0.93050
4215938.00	0.48755	0.53435	0.60079	0.70906	0.83283	0.93057	0.98290	0.98558	0.98634
4215918.00	0.47388	0.51308	0.55971	0.63861	0.74808	0.88040	1.00495	1.08076	1.08388
4215898.00	0.47713	0.50207	0.54077	0.60243	0.67561	0.79273	0.93573	1.08826	1.18764
4215878.00	0.47164	0.50922	0.54169	0.57232	0.63896	0.71478	0.84534	0.99387	1.18198
4215858.00	0.48174	0.51416	0.54031	0.60045	0.61537	0.67649	0.76121	0.90384	1.05893
4215838.00	0.49462	0.51386	0.56692	0.58744	0.63857	0.68655	0.71924	0.81407	0.97490
4215818.00	0.52927	0.55887	0.56217	0.59248	0.66351	0.67642	0.76985	0.78403	0.87430
4215798.00	0.53855	0.56545	0.61298	0.64280	0.64291	0.70594	0.75789	0.82225	0.89531
4215778.00	0.52176	0.57557	0.61345	0.65549	0.71687	0.74619	0.75285	0.84729	0.87587

  4215758.00 | 0.49723   0.54570   0.59008   0.66262   0.70740   0.76453   0.84972
0.87589   0.89511
  4215738.00 | 0.45932   0.52505   0.57173   0.62648   0.68750   0.76635   0.82514
0.90057   1.01273
  4215718.00 | 0.42981   0.45041   0.50575   0.59368   0.65776   0.72812   0.80297
0.90196   0.98043
  4215698.00 | 0.41186   0.44661   0.49484   0.52759   0.55992   0.66216   0.77040
0.85234   0.95800
  4215678.00 | 0.37583   0.41165   0.44790   0.51253   0.57532   0.62301   0.66613
0.74985   0.88608
  4215658.00 | 0.35952   0.38672   0.42678   0.46045   0.51240   0.56318   0.65189
0.73392   0.82223
  4215638.00 | 0.36459   0.38568   0.41588   0.45087   0.48215   0.52736   0.59528
0.65345   0.72965
  4215618.00 | 0.33320   0.36574   0.40434   0.43896   0.47376   0.50666   0.54860
0.60477   0.68045
  4215598.00 | 0.32543   0.34819   0.37136   0.39763   0.43315   0.47753   0.53735
0.59780   0.65485
  4215578.00 | 0.30354   0.32314   0.35246   0.38574   0.42229   0.46787   0.51715
0.55930   0.60764
  4215558.00 | 0.30572   0.32717   0.35185   0.37809   0.40402   0.43578   0.47138
0.51066   0.56639
  4215538.00 | 0.27997   0.30023   0.32225   0.34759   0.37522   0.40633   0.44582
0.49742   0.56326
  4215518.00 | 0.27645   0.29424   0.31588   0.34139   0.36962   0.40101   0.43725
0.47881   0.52601
  4215498.00 | 0.27132   0.29050   0.31338   0.34230   0.36929   0.40379   0.44093
0.48428   0.53373
  4215478.00 | 0.29265   0.31652   0.34225   0.37172   0.40680   0.44578   0.48749
0.53526   0.59108
  4215458.00 | 0.30351   0.32242   0.34711   0.37521   0.40265   0.43507   0.46937
0.50721   0.55815
  4215438.00 | 0.29714   0.32035   0.34480   0.37159   0.41178   0.45925   0.49503
0.54202   0.59832
  4215418.00 | 0.30660   0.33544   0.36063   0.38093   0.40454   0.44365   0.49701
0.54064   0.59013
  4215398.00 | 0.30600   0.32818   0.35966   0.39026   0.41872   0.45644   0.51094
0.58190   0.62403
  4215378.00 | 0.31752   0.33799   0.36451   0.40183   0.45297   0.48505   0.51470
0.55632   0.61219
  4215358.00 | 0.32792   0.36755   0.38836   0.40548   0.43544   0.47381   0.52131
0.58750   0.65565
  4215338.00 | 0.32332   0.34508   0.38212   0.41841   0.44866   0.50394   0.55469
0.59414   0.61680
  4215318.00 | 0.34112   0.36929   0.39434   0.43485   0.45971   0.47847   0.49761
0.55611   0.61590
  4215298.00 | 0.34738   0.37319   0.38188   0.40464   0.41216   0.46357   0.49374
0.52252   0.55808
  4215278.00 | 0.32149   0.34531   0.35458   0.39412   0.41188   0.44942   0.47864
0.49623   0.49885
  4215258.00 | 0.31293   0.33536   0.35560   0.39437   0.41852   0.43091   0.42846
0.44860   0.48161
  4215238.00 | 0.31441   0.34656   0.37081   0.37918   0.38051   0.37914   0.40774
0.43081   0.48784
  4215218.00 | 0.32979   0.33547   0.33938   0.33063   0.35577   0.37389   0.40770
0.44714   0.48178
  4215198.00 | 0.29588   0.29321   0.30451   0.32664   0.34778   0.37470   0.40712
0.44273   0.46869
  4215178.00 | 0.26558   0.28643   0.30317   0.32569   0.34541   0.38017   0.40320
0.42848   0.45710

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:

ALL *** INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	0.26776	0.28704	0.30240	0.32014	0.35187	0.36916	0.39555	0.42021	0.44655
4215138.00	0.26915	0.27878	0.30341	0.32167	0.33351	0.36293	0.38754	0.40497	0.42959
4215118.00	0.26506	0.28394	0.29674	0.30281	0.33162	0.35458	0.37322	0.39329	0.42925
4215098.00	0.26470	0.27184	0.28246	0.31131	0.32454	0.34293	0.36271	0.39392	0.45943
4215078.00	0.24849	0.26016	0.29029	0.30029	0.31738	0.33665	0.36445	0.41587	0.46945
4215058.00	0.24641	0.26803	0.27873	0.29596	0.31496	0.33960	0.36853	0.43065	0.46145
4215038.00	0.24711	0.26068	0.27761	0.29515	0.31856	0.33549	0.39552	0.42285	0.44382
4215018.00	0.24318	0.26135	0.27679	0.29649	0.31236	0.36483	0.39173	0.41099	0.42565
4214998.00	0.24415	0.25981	0.27506	0.29362	0.34255	0.36525	0.38277	0.39386	0.41585
4214978.00	0.24568	0.25927	0.27670	0.31547	0.34347	0.35622	0.36426	0.38434	0.39360

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00

4215958.00	0.95347	1.00281	1.17268	1.15430	1.16738	1.25281	1.28315	1.28378	1.35279
4215938.00	1.02106	1.04482	1.11791	1.26975	1.26714	1.29723	1.35306	1.40286	1.45709
4215918.00	1.09024	1.12537	1.16527	1.26134	1.37824	1.39554	1.45669	1.49923	1.53042
4215898.00	1.19712	1.20954	1.24428	1.29194	1.42497	1.50019	1.52898	1.62766	1.70135
4215878.00	1.30183	1.32118	1.34745	1.37659	1.44768	1.61048	1.64235	1.69522	1.78832
4215858.00	1.27640	1.42622	1.46429	1.50845	1.52367	1.63975	1.80782	1.83278	1.91687
4215838.00	1.14044	1.37226	1.56949	1.63511	1.69834	1.70345	1.87661	2.02964	2.07952
4215818.00	1.04515	1.23783	1.47905	1.72992	1.83431	1.92475	1.91816	2.16796	2.29160
4215798.00	0.93656	1.11008	1.34135	1.59799	1.91655	2.08212	2.19807	2.20235	2.49780
4215778.00	1.01668	1.03521	1.18321	1.47607	1.74660	2.13611	2.37517	2.53381	2.56869
4215758.00	1.01941	1.08648	1.22207	1.28501	1.62548	1.93466	2.39088	2.70911	2.93460
4215738.00	1.04292	1.09508	1.21823	1.40116	1.44271	1.75973	2.14583	2.67364	3.11410
4215718.00	1.07827	1.21714	1.28412	1.36263	1.51296	1.73111	1.90631	2.44271	2.99589
4215698.00	1.06542	1.19197	1.32299	1.49367	1.59282	1.70090	2.00982	2.15381	2.79042
4215678.00	1.00713	1.14240	1.28616	1.46214	1.64655	1.85403	2.02836	2.22933	2.61399
4215658.00	0.88383	1.01785	1.19829	1.36387	1.57652	1.81632	2.08244	2.40933	2.62073
4215638.00	0.84825	0.96764	1.13521	1.23526	1.42266	1.68331	1.95496	2.32958	2.72148
4215618.00	0.77946	0.87569	0.99074	1.14395	1.34814	1.60174	1.84533	2.13507	2.53953
4215598.00	0.70633	0.77552	0.87217	1.03193	1.21336	1.40040	1.65106	1.99945	2.41729
4215578.00	0.67101	0.75794	0.86594	0.98110	1.09564	1.25565	1.48115	1.75410	2.12328
4215558.00	0.64047	0.72931	0.82326	0.92942	1.05308	1.18218	1.34332	1.56835	1.89761
4215538.00	0.63402	0.70452	0.79317	0.89916	1.01962	1.15103	1.31504	1.51566	1.78432
4215518.00	0.58105	0.64474	0.72277	0.82047	0.94286	1.07979	1.23048	1.42747	1.69110
4215498.00	0.59557	0.67154	0.76178	0.86295	0.98250	1.12706	1.29204	1.49469	1.74077
4215478.00	0.64884	0.71847	0.79820	0.88983	0.99435	1.13003	1.29286	1.51219	1.74511
4215458.00	0.63778	0.71719	0.81176	0.90885	1.02042	1.18894	1.42029	1.69983	1.97761
4215438.00	0.64458	0.71407	0.82662	0.95623	1.08070	1.24078	1.43900	1.60506	1.84748
4215418.00	0.67173	0.77346	0.84108	0.95436	1.06048	1.19999	1.38186	1.64032	1.98152
4215398.00	0.68296	0.74115	0.83203	0.94934	1.07335	1.26190	1.41405	1.61076	1.85268
4215378.00	0.68965	0.78427	0.86294	0.98476	1.03604	1.20319	1.33636	1.43022	1.46337
4215358.00	0.71275	0.77602	0.81257	0.94248	1.00144	1.08003	1.10696	1.23852	1.40567
4215338.00	0.66935	0.75729	0.78387	0.80599	0.86304	0.95198	1.04022	1.22568	1.40915
4215318.00	0.62061	0.65727	0.70385	0.74085	0.81756	0.92534	1.08575	1.19873	1.35982
4215298.00	0.58127	0.60000	0.65298	0.71946	0.83304	0.92293	1.02763	1.17263	1.37749
4215278.00	0.53812	0.57014	0.65267	0.72824	0.81505	0.89318	1.02196		

1.16844 1.40655
4215258.00 | 0.52534 0.59624 0.64735 0.71046 0.76954 0.89309 0.99832
1.20163 1.37691
4215238.00 | 0.53184 0.57978 0.62166 0.66712 0.77566 0.86941 1.02893
1.14435 1.27222
4215218.00 | 0.51707 0.55722 0.59856 0.67268 0.76224 0.88572 0.97720
1.10503 1.17406
4215198.00 | 0.50500 0.54388 0.58926 0.65499 0.78014 0.86176 0.96759
1.02505 1.10093
4215178.00 | 0.49497 0.52532 0.57569 0.69166 0.76775 0.84892 0.90187
0.96975 1.05088

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215158.00	0.47173	0.51821	0.61725	0.69217	0.73471	0.79754	0.85635	0.90574	0.98094
4215138.00	0.47017	0.55443	0.61987	0.66030	0.71770	0.76430	0.80864	0.86157	0.94891
4215118.00	0.50184	0.56051	0.59575	0.64369	0.68492	0.71923	0.75854	0.82509	0.92278
4215098.00	0.51290	0.54492	0.57932	0.61710	0.65341	0.68762	0.74062	0.81315	0.93666
4215078.00	0.50074	0.52662	0.55779	0.59509	0.63210	0.63570	0.70343	0.78609	0.93709
4215058.00	0.48087	0.50555	0.54120	0.56467	0.56768	0.64461	0.70111	0.81012	0.92431
4215038.00	0.46339	0.49342	0.50776	0.52461	0.57048	0.61833	0.68166	0.79721	0.94323
4215018.00	0.45184	0.46258	0.49001	0.50681	0.56351	0.62116	0.71156	0.80199	0.97372
4214998.00	0.42376	0.44104	0.46358	0.50687	0.54095	0.59533	0.69435	0.80779	0.96356
4214978.00	0.40453	0.42783	0.46363	0.49499	0.55075	0.62841	0.69955	0.83214	0.89991

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP:

ALL *** INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 , L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 , L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 , L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	1.35312	1.42911	1.51874	1.58601	1.68250	1.85679	1.95998	2.07935	2.20344
4215938.00	1.45491	1.52617	1.63600	1.67698	1.76611	1.97800	2.10475	2.18737	2.35285
4215918.00	1.61817	1.59000	1.71847	1.80127	1.90153	2.11936	2.24178	2.50428	2.54129
4215898.00	1.75383	1.76568	1.82868	1.96553	2.00398	2.20688	2.39637	2.72985	2.82835
4215878.00	1.88318	1.96161	1.90683	2.10936	2.18860	2.35637	2.61748	2.90351	3.12796
4215858.00	2.01750	2.12563	2.17479	2.21882	2.41416	2.49284	2.85580	3.10184	3.42198
4215838.00	2.18120	2.33312	2.43408	2.37450	2.67351	2.68804	3.09485	3.24242	3.73990
4215818.00	2.35908	2.44409	2.64443	2.73196	2.81462	3.02626	3.28714	3.66394	4.15494
4215798.00	2.61017	2.68512	2.84665	3.12906	3.05620	3.53243	3.48096	4.02317	4.52166
4215778.00	2.87525	2.94688	3.10104	3.37443	3.49175	3.66115	3.95597	4.40550	4.91428
4215758.00	2.99652	3.33735	3.38126	3.66513	4.05540	4.15812	4.72450	4.89076	5.42855
4215738.00	3.40107	3.52267	3.90580	3.96433	4.44286	4.76426	4.93178	5.39490	6.10785
4215718.00	3.60837	3.98488	4.24257	4.56972	4.79315	5.45600	5.77401	6.61579	6.87563
4215698.00	3.40383	4.16453	4.71778	5.23421	5.43868	5.90655	6.68219	7.11853	8.18377
4215678.00	3.08447	3.96554	4.89131	5.67298	6.36760	6.58383	7.48044	8.25925	9.54803
4215658.00	3.15906	3.57149	4.64828	5.85294	6.96906	7.88328	8.31388	9.76474	10.83405
4215638.00	3.27118	3.59226	4.47170	5.60698	7.14410	8.77795	10.07833	10.90778	13.02461
4215618.00	3.14795	3.80334	4.53645	5.45464	6.90413	9.10072	11.72336	13.34110	15.31658
4215598.00	2.90866	3.45961	4.47132	5.70149	6.77666	8.91991	11.86865	15.88813	18.51482
4215578.00	2.60001	3.19603	4.09425	5.25108	6.99792	8.91930	12.22438	16.86846	22.40062
4215558.00	2.29911	2.88957	3.63235	4.53456	6.20263	8.40832	12.10734	18.04370	26.28088
4215538.00	2.13336	2.58959	3.22171	4.05686	5.32025	7.45845	10.89345	17.44749	29.70874
4215518.00	2.02633	2.47913	3.11551	3.98835	5.21739	7.00619	10.23160	16.70863	32.71157
4215498.00	2.07323	2.55532	3.30399	4.30408	5.54479	7.73382	10.84033	17.43825	27.75332
4215478.00	2.16081	2.72446	3.45060	4.45252	5.61580	7.42666	10.41727		

14.55159   21.31677
  4215458.00 | 2.31028   2.67825   3.26964   4.35632   5.64075   6.81112   8.42899
12.05613   17.32850
  4215438.00 | 2.25624   2.81745   3.47380   4.03288   4.33491   5.58933   7.88271
10.35759   14.61679
  4215418.00 | 2.27159   2.58153   2.81942   3.23782   4.07612   5.33901   7.21823
9.59523   12.48920
  4215398.00 | 1.97559   2.12398   2.54924   3.12217   3.95070   5.35846   6.31807
8.74722   10.59742
  4215378.00 | 1.70616   2.08360   2.49625   3.09600   4.13727   4.70037   5.89163
7.15763   9.35789
  4215358.00 | 1.70416   2.00289   2.42137   3.14725   3.62629   4.09953   5.11949
6.83426   8.01818
  4215338.00 | 1.64174   1.97422   2.42608   2.86490   3.13487   4.00770   4.81978
6.43546   7.02541
  4215318.00 | 1.64551   1.96886   2.34277   2.46296   2.92221   3.50860   4.76237
5.71228   6.28749
  4215298.00 | 1.65009   1.94571   2.02914   2.33205   2.68512   3.42725   4.67532
4.86918   5.68358
  4215278.00 | 1.63651   1.72151   1.90556   2.14635   2.60460   3.42902   4.27833
4.39205   4.92958
  4215258.00 | 1.47414   1.60737   1.82236   2.00166   2.57268   3.55080   3.76087
4.08045   4.52056
  4215238.00 | 1.36911   1.52076   1.64267   1.96485   2.63582   3.42985   3.18151
3.85254   4.07121
  4215218.00 | 1.27903   1.38949   1.59923   1.97729   2.80160   3.16240   2.98970
3.41261   3.65011
  4215198.00 | 1.22691   1.34393   1.55771   2.03870   2.71647   2.59045   2.78978
3.10744   3.25023
  4215178.00 | 1.12312   1.29644   1.57859   2.18678   2.56986   2.24369   2.71446
2.90506   2.98840

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   , L0000789   ,
L0000790   ,
                L0000791   , L0000792   , L0000793   , L0000794   , L0000795   , L0000796   , L0000797   ,
L0000798   ,
                L0000799   , L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 1.11479   1.28540   1.63586   2.14546   2.13943   2.16422   2.64962
2.68721   2.75173
  4215138.00 | 1.09959   1.29362   1.72887   2.09590   1.83378   2.06680   2.33195
2.51636   2.54005
  4215118.00 | 1.09007   1.35008   1.71941   1.71399   1.70037   2.04233   2.30262
2.34390   2.44144
  4215098.00 | 1.08813   1.39152   1.68239   1.54752   1.60365   1.99015   2.18633
2.13623   2.28699
  4215078.00 | 1.11795   1.38753   1.45068   1.43714   1.56905   1.74444   2.02026

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	2.22765	2.45593	2.93342	3.05424	3.13723	3.04499	3.13051	3.12820	3.00369
4215938.00	2.48395	2.65236	3.15234	3.32731	3.36680	3.27432	3.35239	3.34484	3.23231
4215918.00	2.77260	2.84019	3.39736	3.63457	3.62752	3.55103	3.68913	3.58709	3.57376
4215898.00	3.05078	3.03807	3.70470	3.96010	3.92493	3.92250	4.00111	3.81147	3.71345
4215878.00	3.40823	3.26464	4.02173	4.33049	4.26614	4.28566	4.29944	4.10633	4.03074
4215858.00	3.70188	3.62299	4.36278	4.75445	4.68673	4.68245	4.59553	4.48386	4.43419
4215838.00	3.98798	3.96707	4.74694	5.23006	5.19751	5.11419	5.02156	5.00352	4.86084
4215818.00	4.29465	4.45305	5.19176	5.78421	5.81162	5.70487	5.48565	5.47079	5.37970
4215798.00	4.88838	5.16304	5.76595	6.44460	6.44869	6.34458	6.04499	5.93483	6.21972
4215778.00	5.61403	6.01030	6.39073	7.18833	7.12569	7.03281	6.74657	6.68321	7.07433
4215758.00	6.14346	6.98243	7.19621	8.07796	8.22702	7.81437	7.75220	7.78789	8.17135
4215738.00	6.83014	7.80922	8.41311	9.18585	9.44945	8.71746	8.91138	9.01035	9.36467
4215718.00	7.79316	9.08836	9.58089	10.53244	10.93590	10.05443	10.11078	10.62789	10.21029
4215698.00	9.45614	10.43770	11.26352	12.19085	12.76388	11.95289	12.09472	12.41937	11.01041
4215678.00	10.52799	11.62422	13.66275	14.26752	14.89588	14.63602	14.43744		

13.87318   12.15337
  4215658.00 | 12.74116   14.05204   16.85960   17.09971   17.94248   17.88932   17.56120
15.53742   12.89072
  4215638.00 | 15.53592   17.52038   20.62553   21.36010   22.41784   22.21408   20.85251
17.28127   12.90365
  4215618.00 | 18.26554   21.82705   25.17470   28.63054   30.35655   28.53728   23.92263
18.05108   12.91301
  4215598.00 | 22.62490   28.20791   32.95555   40.26308   44.15499   35.59668   26.08521
17.90945   12.94483
  4215578.00 | 28.21142   36.37402   47.51115   55.54122   59.95973   40.53714   26.66511
18.40537   13.22230
  4215558.00 | 36.43446   50.25070   54.09806   56.53381   55.34333   44.35937   27.07754
19.18047   13.58174
  4215538.00 | 43.39575   45.66439   51.20332   54.46001   50.09483   43.17837   29.01109
18.41303   13.09190
  4215518.00 | 37.24758   43.58857   49.10033   51.51639   48.30492   43.31345   27.99408
18.08378   12.73368
  4215498.00 | 40.66237   44.89932   46.38302   49.24421   49.96219   41.14981   30.00706
17.98035   12.05231
  4215478.00 | 30.87036   42.56201   54.45029   55.75571   54.70359   48.87728   30.57837
17.20580   11.83197
  4215458.00 | 23.49415   29.67143   36.63533   40.17429   40.02818   34.43620   26.10652
17.84714   11.98783
  4215438.00 | 19.06489   22.85739   27.67157   29.16839   28.78473   25.74664   22.21295
16.19315   11.66075
  4215418.00 | 15.46857   18.50194   21.09083   22.56781   21.96389   20.37378   18.55638
14.94775   10.89851
  4215398.00 | 12.52434   14.55657   16.69151   17.23846   17.02898   15.58077   15.30672
13.95824   10.37062
  4215378.00 | 10.92495   12.38928   13.55248   13.70375   13.67110   12.82383   12.53766
12.41038   10.50918
  4215358.00 | 9.57551   10.09319   11.39224   11.24915   11.43040   10.83176   10.21147
10.67858   9.57909
  4215338.00 | 8.30474   8.47683   9.48679   9.19093   9.53282   9.12473   8.67930
8.74861   9.07327
  4215318.00 | 7.19202   7.34946   8.14506   7.53081   8.11785   7.54752   7.69325
7.11437   7.69314
  4215298.00 | 6.01158   6.26340   6.94358   6.27832   7.12484   6.59276   6.63943
6.31712   6.41690
  4215278.00 | 5.14696   5.45446   5.87871   5.43739   6.15220   6.00918   5.72242
5.37379   5.28071
  4215258.00 | 4.75148   4.89077   5.12153   4.80820   5.47923   5.24059   5.10715
5.01893   4.55868
  4215238.00 | 4.24842   4.43514   4.44418   4.27462   4.83974   4.71517   4.55199
4.45845   4.23975
  4215218.00 | 3.90097   4.03834   3.91586   3.81025   4.22782   4.14144   4.13945
4.08840   3.82365
  4215198.00 | 3.62636   3.66508   3.46170   3.39015   3.68579   3.54019   3.63244
3.68000   3.48669
  4215178.00 | 3.26585   3.40046   3.08596   3.03541   3.17754   3.20586   3.22942
3.32389   3.29264

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
               L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   , L0000789   ,
L0000790   ,
               L0000791   , L0000792   , L0000793   , L0000794   , L0000795   , L0000796   , L0000797   ,
L0000798   ,
               L0000799   , L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   ,
. . .   ,

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	2.96677	3.15196	2.75592	2.77981	2.76387	2.98944	2.99476	3.02883	3.01300
4215138.00	2.70742	2.83345	2.46153	2.55562	2.51640	2.75878	2.78999	2.80001	2.76617
4215118.00	2.46347	2.53456	2.23250	2.36626	2.34836	2.55766	2.46494	2.56299	2.60800
4215098.00	2.25242	2.21432	2.04632	2.19619	2.23364	2.34179	2.22763	2.34390	2.36884
4215078.00	2.08804	1.96690	1.88195	2.01588	2.08855	2.18622	2.05101	2.11122	2.21625
4215058.00	1.93314	1.76126	1.74923	1.86586	1.94081	2.04051	1.93052	2.00261	2.01276
4215038.00	1.78994	1.60075	1.60818	1.75183	1.81772	1.87025	1.85032	1.86312	1.82047
4215018.00	1.64112	1.46388	1.47894	1.65150	1.71012	1.73388	1.76703	1.73423	1.69198
4214998.00	1.52295	1.34307	1.37762	1.57504	1.61732	1.63724	1.64563	1.62287	1.57135
4214978.00	1.41714	1.23785	1.30325	1.48280	1.53261	1.55450	1.49775	1.51644	1.50759

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	2.83346	2.98045	2.89106	3.06187	3.18406	3.25037	3.08999	2.75856	2.64017
4215938.00	3.14505	3.14123	3.29154	3.32005	3.48749	3.40526	3.07001	2.94370	2.67828
4215918.00	3.44744	3.38397	3.60619	3.71773	3.73361	3.50554	3.20540	2.92387	2.72318
4215898.00	3.74052	3.82418	3.87938	4.08725	3.93018	3.50906	3.32751	3.00113	2.77169
4215878.00	4.04421	4.27000	4.44826	4.37601	4.00565	3.75839	3.41749		

3.11303 2.55026
4215858.00 | 4.48114 4.60775 4.86145 4.61061 4.19225 3.83614 3.48988
2.93667 2.41343
4215838.00 | 5.13552 5.40710 5.15773 4.70130 4.40578 3.94085 3.48048
2.75868 2.36594
4215818.00 | 5.62771 5.86799 5.54678 5.01381 4.54656 4.08180 3.19802
2.69162 2.31766
4215798.00 | 6.55119 6.20843 5.67389 5.26647 4.70592 3.74692 3.10411
2.65139 2.15285
4215778.00 | 7.29761 6.68774 6.25874 5.50684 4.51931 3.67799 3.09711
2.45450 2.19163
4215758.00 | 7.74927 7.10635 6.32748 5.51184 4.41217 3.63101 2.82170
2.50123 2.27863
4215738.00 | 8.30308 7.64713 6.74606 5.23973 4.26660 3.29522 2.88541
2.64552 2.33960
4215718.00 | 9.32782 8.08603 6.33705 5.13585 3.94346 3.37704 3.08753
2.61939 2.26158
4215698.00 | 9.79392 7.92171 6.25955 4.77678 3.99318 3.55098 3.00092
2.64395 2.25943
4215678.00 | 10.23773 7.87912 5.78617 4.93663 4.17520 3.56935 2.97896
2.60257 2.39605
4215658.00 | 9.97410 7.24209 6.04473 4.93727 4.17969 3.62223 3.17993
2.81129 2.47523
4215638.00 | 9.55795 7.52048 6.13618 5.16206 4.39201 3.76734 3.19995
2.81330 2.47116
4215618.00 | 9.70409 7.58935 6.56311 5.30519 4.38251 3.75679 3.15053
2.65772 2.35101
4215598.00 | 10.16666 7.83265 6.37150 5.20874 4.23715 3.51553 3.16539
2.86751 2.60930
4215578.00 | 10.00683 7.82191 5.95354 5.30763 4.81789 4.14518 3.53792
3.02798 2.67058
4215558.00 | 10.54487 8.55642 6.75975 5.50390 4.62582 4.00351 3.48586
2.96133 2.55784
4215538.00 | 9.95780 7.81878 6.34466 5.03499 4.14637 3.55277 3.06992
2.70607 2.37076
4215518.00 | 9.69983 7.57756 6.06700 4.96363 4.13052 3.46142 2.91206
2.51330 2.19900
4215498.00 | 8.96005 7.06502 5.74647 4.70275 3.88996 3.33603 2.89429
2.55544 2.26574
4215478.00 | 8.67175 6.83850 5.47609 4.43998 3.73940 3.24923 2.81667
2.46676 2.19988
4215458.00 | 8.47198 6.60017 5.21565 4.32005 3.60926 3.14349 2.76141
2.41480 2.13857
4215438.00 | 8.74659 6.53222 5.17639 4.20697 3.58290 3.05885 2.62423
2.24761 2.05095
4215418.00 | 8.37130 6.48593 5.02338 4.20070 3.48545 2.94690 2.57807
2.26032 1.93294
4215398.00 | 7.98849 6.33837 5.01251 4.00527 3.43593 2.90233 2.50531
2.19144 1.94918
4215378.00 | 7.37919 6.10934 4.94843 4.07510 3.30646 2.85201 2.46443
2.13406 1.89349
4215358.00 | 7.79620 5.60903 4.81643 3.98900 3.41114 2.75955 2.47706
2.11482 1.91455
4215338.00 | 7.32065 5.90248 4.42691 3.88650 3.23835 2.89665 2.38757
2.12818 1.86779
4215318.00 | 7.19679 5.93231 4.58991 3.59319 3.17740 2.68445 2.50927
2.10001 1.79783
4215298.00 | 6.67564 5.74201 4.78209 3.74244 3.01310 2.63282 2.28555
2.17318 1.84382
4215278.00 | 5.98083 5.46047 4.57982 3.87079 3.09746 2.57358 2.26084
1.98383 1.89201
4215258.00 | 4.99463 5.13510 4.58559 3.80265 3.15511 2.59531 2.19033
1.99074 1.75093
4215238.00 | 4.19086 4.72201 4.26133 3.77687 3.14276 2.64695 2.18290
1.90822 1.76626
4215218.00 | 3.67173 4.02819 4.05687 3.77372 3.18161 2.68529 2.30543
1.87048 1.67900
4215198.00 | 3.30220 3.43002 3.80297 3.43687 3.17825 2.64187 2.28748
1.97734 1.66711

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   , L0000789   ,
L0000790   ,
                L0000791   , L0000792   , L0000793   , L0000794   , L0000795   , L0000796   , L0000797   ,
L0000798   ,
                L0000799   , L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 2.88383   2.73893   2.87692   3.05189   2.84342   2.72645   2.28647
1.90721   1.72489
  4215138.00 | 2.59634   2.52135   2.53629   2.73417   2.71665   2.60639   2.32864
1.99257   1.65766
  4215118.00 | 2.39195   2.40276   2.29516   2.47719   2.47345   2.46007   2.37484
2.03533   1.74506
  4215098.00 | 2.30721   2.22699   2.11930   2.20458   2.34225   2.32848   2.23105
2.03963   1.75838
  4215078.00 | 2.08552   2.02304   2.00747   1.97150   2.08919   2.07145   2.15490
2.09537   1.82872
  4215058.00 | 1.98671   1.89202   1.91301   1.85181   1.93680   2.02427   2.00852
1.93173   1.81476
  4215038.00 | 1.90139   1.79759   1.76114   1.69083   1.73973   1.83277   1.75977
1.88328   1.82754
  4215018.00 | 1.80054   1.61681   1.58125   1.64827   1.60740   1.70545   1.73534
1.73387   1.71344
  4214998.00 | 1.64956   1.54237   1.53100   1.55717   1.50793   1.55431   1.60734
1.53496   1.64752
  4214978.00 | 1.52866   1.50692   1.47171   1.41887   1.41698   1.42966   1.48549
1.49896   1.51140

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0000767   , L0000768   , L0000769   , L0000770   ,
L0000771   ,
                L0000772   , L0000773   , L0000774   , L0000775   , L0000776   , L0000777   , L0000789   ,
L0000790   ,
                L0000791   , L0000792   , L0000793   , L0000794   , L0000795   , L0000796   , L0000797   ,
L0000798   ,
                L0000799   , L0001198   , L0001199   , L0001200   , L0001201   , L0001202   , L0001203   ,
. . .   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	2.38473	2.23973	1.85934	1.53353	1.38190
4215938.00	2.44430	2.09318	1.74076	1.51044	1.38036
4215918.00	2.36762	1.96584	1.67101	1.54542	1.33734
4215898.00	2.23914	1.84324	1.71690	1.47472	1.24626
4215878.00	2.08381	1.90376	1.64347	1.37377	1.28315
4215858.00	2.11850	1.83692	1.52300	1.41550	1.25374
4215838.00	2.05371	1.69478	1.56883	1.38381	1.33639
4215818.00	1.90105	1.74194	1.53806	1.50359	1.35577
4215798.00	1.94406	1.73762	1.66368	1.46076	1.29438
4215778.00	2.00495	1.85511	1.59534	1.41761	1.26815
4215758.00	2.09060	1.75880	1.55308	1.45217	1.28587
4215738.00	1.95979	1.78388	1.59012	1.43296	1.30182
4215718.00	1.99258	1.76209	1.62390	1.47637	1.43076
4215698.00	2.00258	1.83479	1.74710	1.58961	1.36962
4215678.00	2.18913	1.96034	1.68230	1.58476	1.42413
4215658.00	2.12570	1.96516	1.71324	1.52696	1.40839
4215638.00	2.11355	1.88919	1.69389	1.57955	1.50646
4215618.00	2.17596	2.03181	1.88088	1.71138	1.52888
4215598.00	2.38008	2.14350	1.89641	1.67192	1.52035
4215578.00	2.41749	2.20005	1.96965	1.74848	1.56033
4215558.00	2.20588	1.96815	1.77504	1.59812	1.43542
4215538.00	2.09605	1.86953	1.66572	1.48993	1.34121
4215518.00	1.94087	1.72974	1.55172	1.39571	1.26469
4215498.00	1.98301	1.77288	1.59011	1.41597	1.27334
4215478.00	1.97201	1.75255	1.57236	1.41618	1.28342
4215458.00	1.91057	1.66739	1.49174	1.35643	1.23378
4215438.00	1.83933	1.68392	1.51593	1.38095	1.24537
4215418.00	1.77511	1.58898	1.43350	1.30438	1.20320
4215398.00	1.75383	1.48162	1.36855	1.27377	1.18478
4215378.00	1.71077	1.53426	1.38834	1.20728	1.09156
4215358.00	1.65084	1.51123	1.36878	1.24340	1.12824
4215338.00	1.65654	1.50735	1.32726	1.23395	1.11055
4215318.00	1.67448	1.47047	1.34484	1.20683	1.09580
4215298.00	1.55849	1.47570	1.32138	1.20689	1.07786
4215278.00	1.62350	1.39257	1.29630	1.19286	1.08295
4215258.00	1.63779	1.38785	1.25038	1.15219	1.07800
4215238.00	1.55866	1.44516	1.23081	1.11413	1.04078
4215218.00	1.56644	1.39575	1.30368	1.11368	0.98961
4215198.00	1.48341	1.39744	1.25693	1.18282	1.00889
4215178.00	1.46771	1.31391	1.26217	1.13705	1.07246

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	1.47896	1.31140	1.17158	1.14341	1.03677
4215138.00	1.55735	1.28199	1.19155	1.05642	1.04095
4215118.00	1.49034	1.38592	1.15166	1.08584	0.96467
4215098.00	1.43694	1.32932	1.23502	1.03463	0.98476
4215078.00	1.57032	1.25467	1.20421	1.07617	0.94146
4215058.00	1.57697	1.36102	1.14709	1.10585	0.95957
4215038.00	1.60248	1.41370	1.14191	1.04862	1.00408
4215018.00	1.63514	1.43388	1.23802	1.00424	0.97924
4214998.00	1.60721	1.42651	1.28613	1.08361	0.91859
4214978.00	1.54331	1.48844	1.31202	1.15687	0.93703

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 , L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 , L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	25.69221	539351.84	4215428.70	26.34793
539361.84	4215428.70	25.32010	539371.84	4215428.70	24.19602
539381.84	4215428.70	23.42721	539341.84	4215438.70	29.41530
539351.84	4215438.70	30.19837	539361.84	4215438.70	29.15439
539371.84	4215438.70	28.22271	539381.84	4215438.70	26.54049
539341.84	4215448.70	34.06634	539351.84	4215448.70	34.41307
539361.84	4215448.70	34.18760	539371.84	4215448.70	32.80415
539381.84	4215448.70	30.29368	539341.84	4215458.70	40.47583
539351.84	4215458.70	41.32437	539361.84	4215458.70	40.34989
539371.84	4215458.70	38.82228	539381.84	4215458.70	35.41948
539341.84	4215468.70	49.63186	539351.84	4215468.70	49.46721
539361.84	4215468.70	49.99607	539371.84	4215468.70	47.64412

539381.84	4215468.70	42.44639	539113.88	4215517.52	2.23569
539096.52	4215515.99	1.89499	539108.26	4215501.18	2.16573
539096.01	4215500.67	1.92442	539108.26	4215486.38	2.19157
539094.47	4215485.36	1.95867	539135.32	4215461.36	2.97962
539150.13	4215439.91	3.67141	539114.39	4215452.68	2.38969
539123.07	4215439.40	2.75447	539159.32	4215421.02	3.18221
539145.02	4215416.43	2.76193	539134.30	4215410.81	2.48248
539131.75	4215425.11	2.91201	539206.80	4215383.75	4.92774
539215.99	4215372.52	5.16396	539188.93	4215382.22	4.37081
539176.17	4215379.67	3.59699	539165.44	4215376.09	3.19156
539248.79	4215356.71	7.24498	539243.45	4215348.45	6.55585
539265.58	4215345.25	7.42876	539260.78	4215338.05	6.92191
539256.25	4215351.38	7.49144	539272.77	4215331.92	7.36332
539264.78	4215324.99	6.56195	539280.77	4215321.79	7.27566
539279.97	4215307.14	6.63166	539287.97	4215313.80	6.89783
539297.83	4215304.74	6.55291	539289.56	4215296.21	5.96204
539311.15	4215287.68	6.21420	539303.69	4215281.28	5.58600
539303.69	4215296.21	6.19358	539314.25	4215271.79	5.80341
539329.09	4215260.48	4.91991	539339.69	4215237.16	4.33582
539357.36	4215232.92	4.36489	539394.11	4215199.70	3.73772
539044.99	4215579.21	1.48756	539034.39	4215591.93	1.49883
539054.88	4215556.59	1.45204	539058.42	4215538.92	1.45363
539054.88	4215520.55	1.34421	539082.44	4215477.44	1.72534
539073.96	4215466.13	1.78046	539098.70	4215440.69	2.10731
539109.30	4215426.56	2.52572	539117.07	4215415.96	2.46224
539125.55	4215401.11	2.15312	539158.77	4215367.19	2.95276
539150.29	4215357.30	2.68040	539184.21	4215339.63	3.15115
539222.37	4215324.79	4.66338	539243.58	4215317.72	5.69713

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000767 , L0000768 , L0000769 , L0000770 , L0000771 ,
L0000772 , L0000773 , L0000774 , L0000775 , L0000776 , L0000777 , L0000789 ,

L0000790 ,
L0000791 , L0000792 , L0000793 , L0000794 , L0000795 , L0000796 , L0000797 ,
L0000798 ,
L0000799 , L0001198 , L0001199 , L0001200 , L0001201 , L0001202 , L0001203 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	3.79153	539364.42	4215191.93	3.55709
539344.64	4215200.41	3.44112	539409.65	4215113.48	2.49455
539355.94	4215136.80	2.56015	539262.66	4215288.75	5.31917
539282.44	4215261.19	4.72179	539299.41	4215235.04	4.26002
538948.91	4216164.24	0.64197	539351.64	4215795.94	6.66460
539171.40	4215646.30	6.31382	539358.95	4215583.01	55.28590
539293.80	4215538.56	48.18294	539260.82	4215517.04	29.17207
539279.41	4215503.60	36.46719	539292.18	4215495.55	40.64392
539318.95	4215487.21	51.30594	539337.11	4215482.84	55.86119
539356.14	4215482.00	57.01790	539369.89	4215483.02	55.13396
539384.66	4215486.57	42.45325	539391.49	4215490.91	42.57785
539342.66	4215571.90	57.35323	539326.38	4215560.79	54.56012
539310.09	4215549.67	52.37975	539277.31	4215527.80	39.17625
539270.11	4215510.32	35.69012	539305.56	4215491.38	46.60410
539384.98	4215509.33	40.65280	539378.47	4215527.75	44.44930
539371.97	4215546.17	50.56377	539365.46	4215564.59	55.81473

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
CON1HR	1ST HIGHEST VALUE IS 74.92094	AT (539310.09, 4215549.67, 9.74, 567.00, 1.50)	DC	
	2ND HIGHEST VALUE IS 74.49204	AT (539356.14, 4215482.00, 9.72, 567.00, 1.50)	DC	
	3RD HIGHEST VALUE IS 74.30612	AT (539324.00, 4215478.00, 10.00, 567.00, 1.50)	GC	UCART1

	4TH HIGHEST VALUE IS	74.05444	AT (	539304.00,	4215558.00,	9.70,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	72.70272	AT (	539324.00,	4215558.00,	9.50,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	71.90616	AT (	539364.00,	4215478.00,	9.70,	567.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	71.72359	AT (	539369.89,	4215483.02,	9.61,	567.00,	1.50)	DC	
	8TH HIGHEST VALUE IS	71.50325	AT (	539364.00,	4215578.00,	8.80,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	71.47167	AT (	539337.11,	4215482.84,	9.85,	567.00,	1.50)	DC	
	10TH HIGHEST VALUE IS	70.61098	AT (	539318.95,	4215487.21,	9.98,	567.00,	1.50)	DC	
TK1HR	1ST HIGHEST VALUE IS	0.00003	AT (	538948.91,	4216164.24,	6.99,	567.00,	1.50)	DC	
	2ND HIGHEST VALUE IS	0.00002	AT (	538744.00,	4215958.00,	10.10,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00002	AT (	538744.00,	4215938.00,	10.30,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00002	AT (	538764.00,	4215958.00,	9.80,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00002	AT (	538784.00,	4215958.00,	9.60,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00002	AT (	538744.00,	4215918.00,	10.50,	567.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00002	AT (	538764.00,	4215938.00,	10.00,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00002	AT (	538744.00,	4215898.00,	10.80,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00002	AT (	538804.00,	4215958.00,	9.30,	567.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00002	AT (	538764.00,	4215918.00,	10.30,	567.00,	1.50)	GC	UCART1
TK2HR	1ST HIGHEST VALUE IS	0.00014	AT (	539524.00,	4215518.00,	8.20,	8.20,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00013	AT (	539544.00,	4215538.00,	7.80,	7.80,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00013	AT (	539244.00,	4215958.00,	6.30,	6.30,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00012	AT (	539544.00,	4215518.00,	8.00,	8.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00012	AT (	539364.00,	4215778.00,	7.30,	7.30,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00012	AT (	539524.00,	4215498.00,	8.40,	8.40,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00012	AT (	539264.00,	4215938.00,	6.50,	6.50,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00012	AT (	539444.00,	4215658.00,	7.70,	7.70,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00012	AT (	539384.00,	4215758.00,	7.50,	7.50,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00012	AT (	539324.00,	4215898.00,	6.80,	6.80,	1.50)	GC	UCART1
WKR1HR	1ST HIGHEST VALUE IS	0.00013	AT (	538948.91,	4216164.24,	6.99,	567.00,	1.50)	DC	
	2ND HIGHEST VALUE IS	0.00011	AT (	538744.00,	4215958.00,	10.10,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00010	AT (	538764.00,	4215958.00,	9.80,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00010	AT (	538744.00,	4215938.00,	10.30,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00010	AT (	538784.00,	4215958.00,	9.60,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00010	AT (	538764.00,	4215938.00,	10.00,	567.00,	1.50)	GC	UCART1

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
WKR2HR	1ST HIGHEST VALUE IS	0.00087 AT (539524.00, 4215518.00, 8.20, 8.20, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00085 AT (539544.00, 4215538.00, 7.80, 7.80, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00077 AT (539244.00, 4215958.00, 6.30, 6.30, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00076 AT (539544.00, 4215518.00, 8.00, 8.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00075 AT (539364.00, 4215778.00, 7.30, 7.30, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00074 AT (539324.00, 4215898.00, 6.80, 6.80, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00074 AT (539384.00, 4215758.00, 7.50, 7.50, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00073 AT (539444.00, 4215658.00, 7.70, 7.70, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00073 AT (539264.00, 4215938.00, 6.50, 6.50, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00073 AT (539524.00, 4215558.00, 7.80, 7.80, 1.50)	GC	UCART1
ALL	1ST HIGHEST VALUE IS	74.92098 AT (539310.09, 4215549.67, 9.74, 567.00, 1.50)	DC	
	2ND HIGHEST VALUE IS	74.49224 AT (539356.14, 4215482.00, 9.72, 567.00, 1.50)	DC	
	3RD HIGHEST VALUE IS	74.30626 AT (539324.00, 4215478.00, 10.00, 567.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	74.05449 AT (539304.00, 4215558.00, 9.70, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	72.70277 AT (539324.00, 4215558.00, 9.50, 567.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	71.90635 AT (539364.00, 4215478.00, 9.70, 567.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	71.72377 AT (539369.89, 4215483.02, 9.61, 567.00, 1.50)	DC	
	8TH HIGHEST VALUE IS	71.50329 AT (539364.00, 4215578.00, 8.80, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	71.47182 AT (539337.11, 4215482.84, 9.85, 567.00, 1.50)	DC	
	10TH HIGHEST VALUE IS	70.61112 AT (539318.95, 4215487.21, 9.98, 567.00, 1.50)	DC	

*** THE SUMMARY OF MAXIMUM   8TH-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER   5 YEARS ***

** CONC OF NO2   IN MICROGRAMS/M**3   **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
CON1HR	1ST HIGHEST VALUE IS	59.95969 AT	(539364.00, 4215578.00, 8.80, 567.00, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	57.35319 AT	(539342.66, 4215571.90, 9.14, 567.00, 1.50)	DC	
	3RD HIGHEST VALUE IS	57.01782 AT	(539356.14, 4215482.00, 9.72, 567.00, 1.50)	DC	
	4TH HIGHEST VALUE IS	56.53378 AT	(539344.00, 4215558.00, 9.30, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	55.86107 AT	(539337.11, 4215482.84, 9.85, 567.00, 1.50)	DC	
	6TH HIGHEST VALUE IS	55.81471 AT	(539365.46, 4215564.59, 8.91, 567.00, 1.50)	DC	
	7TH HIGHEST VALUE IS	55.75558 AT	(539344.00, 4215478.00, 9.80, 567.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	55.54120 AT	(539344.00, 4215578.00, 9.10, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	55.34331 AT	(539364.00, 4215558.00, 9.00, 567.00, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	55.28588 AT	(539358.95, 4215583.01, 8.79, 567.00, 1.50)	DC	
TK1HR	1ST HIGHEST VALUE IS	0.00002 AT	(538948.91, 4216164.24, 6.99, 567.00, 1.50)	DC	
	2ND HIGHEST VALUE IS	0.00002 AT	(538744.00, 4215958.00, 10.10, 567.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00002 AT	(538764.00, 4215958.00, 9.80, 567.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00001 AT	(538784.00, 4215958.00, 9.60, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00001 AT	(538804.00, 4215958.00, 9.30, 567.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00001 AT	(538744.00, 4215938.00, 10.30, 567.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	0.00001 AT	(538764.00, 4215938.00, 10.00, 567.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.00001 AT	(538824.00, 4215958.00, 9.30, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.00001 AT	(538784.00, 4215938.00, 9.80, 567.00, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.00001 AT	(538804.00, 4215938.00, 9.50, 567.00, 1.50)	GC	UCART1
TK2HR	1ST HIGHEST VALUE IS	0.00009 AT	(539524.00, 4215518.00, 8.20, 8.20, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	0.00009 AT	(539544.00, 4215538.00, 7.80, 7.80, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.00008 AT	(539244.00, 4215958.00, 6.30, 6.30, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	0.00008 AT	(539244.00, 4215938.00, 6.50, 6.50, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.00008 AT	(539504.00, 4215498.00, 8.60, 8.60, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.00008 AT	(539364.00, 4215778.00, 7.30, 7.30, 1.50)	GC	UCART1

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          7TH HIGHEST VALUE IS       0.00008 AT (  539464.00,  4215478.00,     9.00,   567.00,    1.50)  GC  UCART1

          8TH HIGHEST VALUE IS       0.00008 AT (  539544.00,  4215598.00,     7.10,     7.10,    1.50)  GC  UCART1

          9TH HIGHEST VALUE IS       0.00008 AT (  539344.00,  4215838.00,     6.80,     6.80,    1.50)  GC  UCART1

         10TH HIGHEST VALUE IS       0.00008 AT (  539504.00,  4215658.00,     7.20,     7.20,    1.50)  GC  UCART1

WKR1HR    1ST HIGHEST VALUE IS       0.00010 AT (  538948.91,  4216164.24,     6.99,   567.00,    1.50)  DC

          2ND HIGHEST VALUE IS       0.00007 AT (  538744.00,  4215958.00,    10.10,   567.00,    1.50)  GC  UCART1

          3RD HIGHEST VALUE IS       0.00007 AT (  538764.00,  4215958.00,     9.80,   567.00,    1.50)  GC  UCART1

          4TH HIGHEST VALUE IS       0.00007 AT (  538784.00,  4215958.00,     9.60,   567.00,    1.50)  GC  UCART1

          5TH HIGHEST VALUE IS       0.00007 AT (  538744.00,  4215938.00,    10.30,   567.00,    1.50)  GC  UCART1

          6TH HIGHEST VALUE IS       0.00007 AT (  538804.00,  4215958.00,     9.30,   567.00,    1.50)  GC  UCART1

          7TH HIGHEST VALUE IS       0.00007 AT (  538764.00,  4215938.00,    10.00,   567.00,    1.50)  GC  UCART1

          8TH HIGHEST VALUE IS       0.00007 AT (  538784.00,  4215938.00,     9.80,   567.00,    1.50)  GC  UCART1

          9TH HIGHEST VALUE IS       0.00007 AT (  538824.00,  4215958.00,     9.30,   567.00,    1.50)  GC  UCART1

         10TH HIGHEST VALUE IS       0.00006 AT (  538804.00,  4215938.00,     9.50,   567.00,    1.50)  GC  UCART1

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 399
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                     *** THE SUMMARY OF MAXIMUM   8TH-HIGHEST MAX DAILY  1-HR RESULTS AVERAGED OVER   5 YEARS ***

                                  ** CONC OF NO2      IN MICROGRAMS/M**3                        **

                                                                                                        NETWORK
GROUP ID                       AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- -

WKR2HR    1ST HIGHEST VALUE IS       0.00054 AT (  539524.00,  4215518.00,     8.20,     8.20,    1.50)  GC  UCART1

          2ND HIGHEST VALUE IS       0.00054 AT (  539544.00,  4215538.00,     7.80,     7.80,    1.50)  GC  UCART1

          3RD HIGHEST VALUE IS       0.00051 AT (  539464.00,  4215478.00,     9.00,   567.00,    1.50)  GC  UCART1

          4TH HIGHEST VALUE IS       0.00050 AT (  539544.00,  4215598.00,     7.10,     7.10,    1.50)  GC  UCART1

          5TH HIGHEST VALUE IS       0.00050 AT (  539244.00,  4215958.00,     6.30,     6.30,    1.50)  GC  UCART1

          6TH HIGHEST VALUE IS       0.00050 AT (  539244.00,  4215938.00,     6.50,     6.50,    1.50)  GC  UCART1

          7TH HIGHEST VALUE IS       0.00048 AT (  539504.00,  4215498.00,     8.60,     8.60,    1.50)  GC  UCART1

          8TH HIGHEST VALUE IS       0.00048 AT (  539364.00,  4215778.00,     7.30,     7.30,    1.50)  GC  UCART1

          9TH HIGHEST VALUE IS       0.00047 AT (  539504.00,  4215658.00,     7.20,     7.20,    1.50)  GC  UCART1

         10TH HIGHEST VALUE IS       0.00046 AT (  539324.00,  4215858.00,     6.90,     6.90,    1.50)  GC  UCART1
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ALL       1ST HIGHEST VALUE IS      59.95973 AT (  539364.00,  4215578.00,     8.80,   567.00,    1.50)  GC  UCART1

          2ND HIGHEST VALUE IS      57.35323 AT (  539342.66,  4215571.90,     9.14,   567.00,    1.50)  DC

          3RD HIGHEST VALUE IS      57.01790 AT (  539356.14,  4215482.00,     9.72,   567.00,    1.50)  DC

          4TH HIGHEST VALUE IS      56.53381 AT (  539344.00,  4215558.00,     9.30,   567.00,    1.50)  GC  UCART1

          5TH HIGHEST VALUE IS      55.86119 AT (  539337.11,  4215482.84,     9.85,   567.00,    1.50)  DC

          6TH HIGHEST VALUE IS      55.81473 AT (  539365.46,  4215564.59,     8.91,   567.00,    1.50)  DC

          7TH HIGHEST VALUE IS      55.75571 AT (  539344.00,  4215478.00,     9.80,   567.00,    1.50)  GC  UCART1

          8TH HIGHEST VALUE IS      55.54122 AT (  539344.00,  4215578.00,     9.10,   567.00,    1.50)  GC  UCART1

          9TH HIGHEST VALUE IS      55.34333 AT (  539364.00,  4215558.00,     9.00,   567.00,    1.50)  GC  UCART1

         10TH HIGHEST VALUE IS      55.28590 AT (  539358.95,  4215583.01,     8.79,   567.00,    1.50)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/17/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  17:44:28

  PAGE 400
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of        22066 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of        12563 Calm Hours Identified

 A Total of         9503 Missing Hours Identified ( 21.67 Percent)

 CAUTION!:  Number of Missing Hours Exceeds 10 Percent of Total!
            Data May Not Be Acceptable for Regulatory Applications.
            See Section 5.3.2 of "Meteorological Monitoring Guidance
            for Regulatory Modeling Applications" (EPA-454/R-99-005).

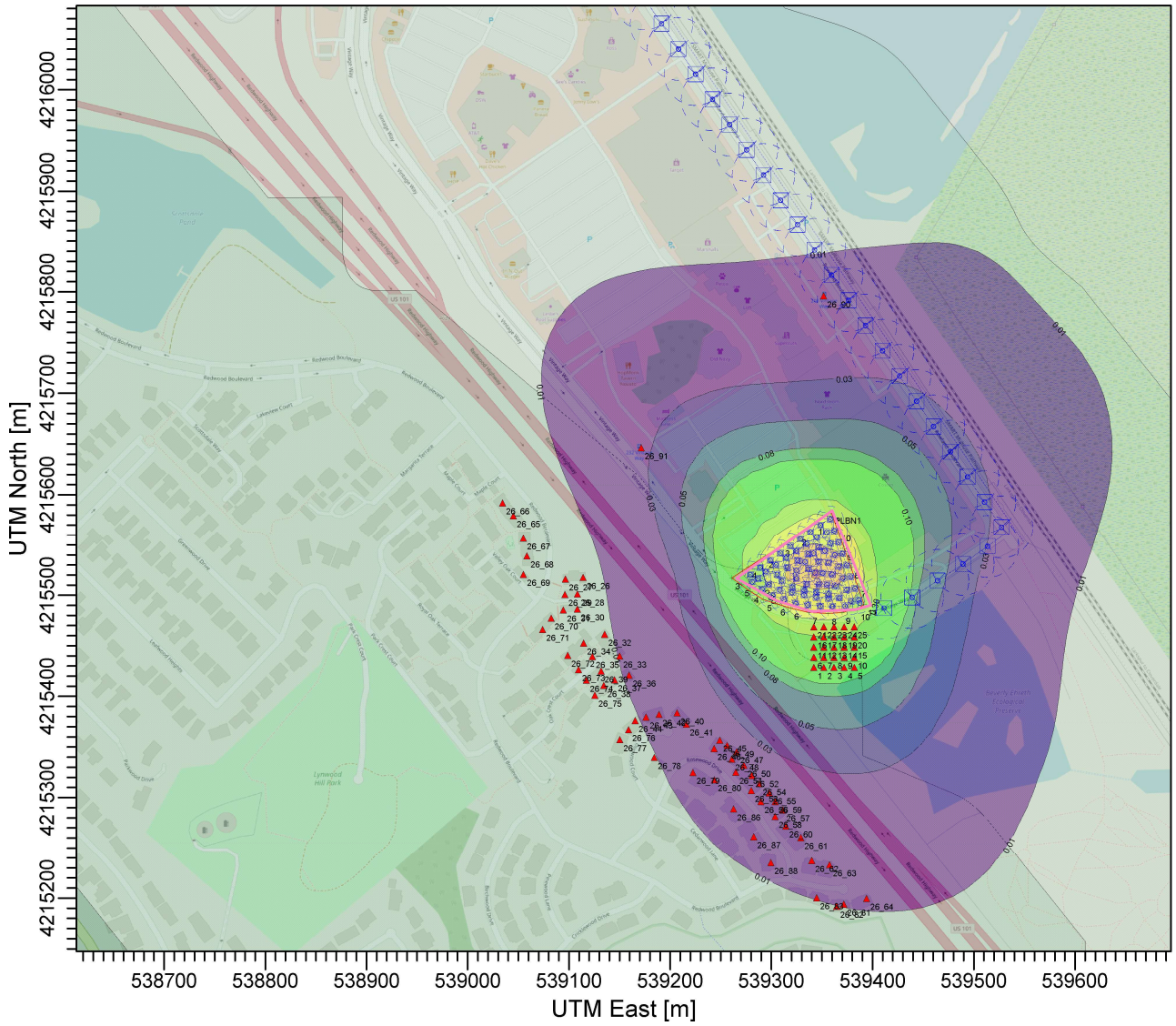

    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W187    2516       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
 MX W481   43849         MAIN: Data Remaining After End of Year. Number of Hours=           24

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

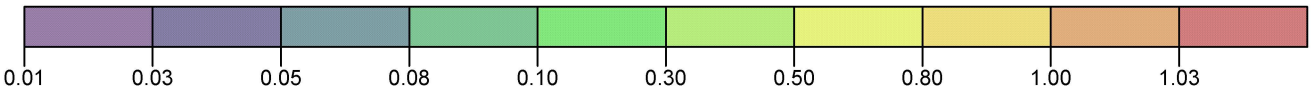
PROJECT TITLE:

Novato Costco
Construction NO2 Mitigated Annual



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL ug/m^3

Max: 1.03 [ug/m^3] at (539344.00, 4215518.00)



COMMENTS:	SOURCES: **5**	COMPANY NAME:	
	RECEPTORS: **2612**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:6,797 0 0.2 km	
	MAX: **1.03 ug/m^3**	DATE: **7/25/2025**	PROJECT NO.:

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/18/2025
** FILE: C:\LAKES\PROJECT FILES\NOVATO CONST NO2 MIT ANN JULY 2025\NOVATO CONST NO2 MIT ANN JULY 2025.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -
   TITLETWO NOVATO CONSTRUCTION NO2 MITIGATED
   MODELOPT DFAULT CONC ARM2
   AVERTIME ANNUAL
   URBANOPT 260206 2021_MARIN_COUNTY_POPULATION
   POLLUTID NO2
   FLAGPOLE 1.50
   RUNORNOT RUN
** NO2 CONVERSION OPTIONS
   ARMRATIO 0.500 0.900
   ERRORFIL "NOVATO CONST NO2 MIT ANN JULY 2025.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK1AN
** DESCRSRC ROWLAND BLVD FROM FREEWAY -ANNUAL
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 4.3069E-06
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 6
** 538657.948, 4216141.138, 8.89, 3.40, 18.60
** 538850.641, 4216298.644, 6.34, 3.40, 18.60
** 538921.746, 4216318.956, 6.00, 3.40, 18.60
** 538960.234, 4216316.307, 5.94, 3.40, 18.60
** 539001.445, 4216303.671, 5.69, 3.40, 18.60
** 539021.552, 4216281.888, 5.26, 3.40, 18.60
** ------------------------------------------------------------------
   LOCATION L0001374     VOLUME   538665.690 4216147.467 9.10
   LOCATION L0001375     VOLUME   538696.661 4216172.782 8.41
   LOCATION L0001376     VOLUME   538727.631 4216198.097 7.71
   LOCATION L0001377     VOLUME   538758.601 4216223.411 7.25
   LOCATION L0001378     VOLUME   538789.572 4216248.726 7.02
   LOCATION L0001379     VOLUME   538820.542 4216274.041 6.62
   LOCATION L0001380     VOLUME   538851.723 4216298.953 5.92
   LOCATION L0001381     VOLUME   538890.184 4216309.940 5.39
   LOCATION L0001382     VOLUME   538928.905 4216318.464 4.96
   LOCATION L0001383     VOLUME   538968.453 4216313.787 4.79
   LOCATION L0001384     VOLUME   539005.170 4216299.636 4.74
```

```
** END OF LINE VOLUME SOURCE ID = TK1AN
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = WKR1AN
** DESCRSRC ROWLAND BLVD FROM FREEWAY - ANNUAL
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 3.7752E-07
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 6
** 538657.948, 4216141.138, 8.89, 1.30, 18.60
** 538850.641, 4216298.644, 6.34, 1.30, 18.60
** 538921.746, 4216318.956, 6.00, 1.30, 18.60
** 538960.234, 4216316.307, 5.94, 1.30, 18.60
** 539001.445, 4216303.671, 5.69, 1.30, 18.60
** 539021.552, 4216281.888, 5.26, 1.30, 18.60
** ----------------------------------------------------------------------
   LOCATION L0001385     VOLUME   538665.690 4216147.467 9.10
   LOCATION L0001386     VOLUME   538696.661 4216172.782 8.41
   LOCATION L0001387     VOLUME   538727.631 4216198.097 7.71
   LOCATION L0001388     VOLUME   538758.601 4216223.411 7.25
   LOCATION L0001389     VOLUME   538789.572 4216248.726 7.02
   LOCATION L0001390     VOLUME   538820.542 4216274.041 6.62
   LOCATION L0001391     VOLUME   538851.723 4216298.953 5.92
   LOCATION L0001392     VOLUME   538890.184 4216309.940 5.39
   LOCATION L0001393     VOLUME   538928.905 4216318.464 4.96
   LOCATION L0001394     VOLUME   538968.453 4216313.787 4.79
   LOCATION L0001395     VOLUME   539005.170 4216299.636 4.74
** END OF LINE VOLUME SOURCE ID = WKR1AN
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK2AN
** DESCRSRC ROWLAND ONSITE - ANNUAL
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0000102862
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 7
** 539024.915, 4216286.505, 5.24, 3.40, 13.95
** 539093.729, 4216208.633, 5.87, 3.40, 13.95
** 539158.277, 4216114.182, 6.10, 3.40, 13.95
** 539531.663, 4215561.599, 8.26, 3.40, 13.95
** 539487.368, 4215529.546, 8.50, 3.40, 13.95
** 539433.749, 4215494.358, 9.68, 3.40, 13.95
** 539401.913, 4215484.305, 9.86, 3.40, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001396     VOLUME   539029.882 4216280.885 4.82
   LOCATION L0001397     VOLUME   539049.747 4216258.405 5.06
   LOCATION L0001398     VOLUME   539069.613 4216235.924 5.31
   LOCATION L0001399     VOLUME   539089.478 4216213.444 5.55
   LOCATION L0001400     VOLUME   539107.034 4216189.165 5.67
   LOCATION L0001401     VOLUME   539123.960 4216164.397 5.62
   LOCATION L0001402     VOLUME   539140.887 4216139.628 5.58
   LOCATION L0001403     VOLUME   539157.814 4216114.859 5.67
   LOCATION L0001404     VOLUME   539174.614 4216090.005 5.89
   LOCATION L0001405     VOLUME   539191.410 4216065.147 6.11
   LOCATION L0001406     VOLUME   539208.207 4216040.290 6.19
   LOCATION L0001407     VOLUME   539225.003 4216015.433 6.15
   LOCATION L0001408     VOLUME   539241.799 4215990.575 6.00
   LOCATION L0001409     VOLUME   539258.596 4215965.718 6.24
   LOCATION L0001410     VOLUME   539275.392 4215940.861 6.51
   LOCATION L0001411     VOLUME   539292.188 4215916.004 6.78
   LOCATION L0001412     VOLUME   539308.984 4215891.146 7.00
   LOCATION L0001413     VOLUME   539325.781 4215866.289 6.90
   LOCATION L0001414     VOLUME   539342.577 4215841.432 6.84
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   LOCATION L0001415     VOLUME   539359.373 4215816.574 6.91
   LOCATION L0001416     VOLUME   539376.170 4215791.717 7.13
   LOCATION L0001417     VOLUME   539392.966 4215766.860 7.33
   LOCATION L0001418     VOLUME   539409.762 4215742.003 7.37
   LOCATION L0001419     VOLUME   539426.559 4215717.145 7.41
   LOCATION L0001420     VOLUME   539443.355 4215692.288 7.40
   LOCATION L0001421     VOLUME   539460.151 4215667.431 7.49
   LOCATION L0001422     VOLUME   539476.947 4215642.574 7.59
   LOCATION L0001423     VOLUME   539493.744 4215617.716 7.58
   LOCATION L0001424     VOLUME   539510.540 4215592.859 7.62
   LOCATION L0001425     VOLUME   539527.336 4215568.002 7.66
   LOCATION L0001426     VOLUME   539513.619 4215548.542 8.06
   LOCATION L0001427     VOLUME   539489.315 4215530.955 8.58
   LOCATION L0001428     VOLUME   539464.296 4215514.405 8.98
   LOCATION L0001429     VOLUME   539439.214 4215497.945 9.10
   LOCATION L0001430     VOLUME   539411.375 4215487.293 9.30
** END OF LINE VOLUME SOURCE ID = TK2AN
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = WKR2AN
** DESCRSRC ROWLAND ONSITE - ANNUAL
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 9.0164E-07
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 7
** 539024.915, 4216286.505, 5.24, 1.30, 13.95
** 539079.771, 4216224.004, 5.95, 1.30, 13.95
** 539158.277, 4216114.182, 6.10, 1.30, 13.95
** 539531.663, 4215561.599, 8.26, 1.30, 13.95
** 539487.368, 4215529.546, 8.50, 1.30, 13.95
** 539433.749, 4215494.358, 9.68, 1.30, 13.95
** 539401.913, 4215484.305, 9.86, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001431     VOLUME   539029.863 4216280.868 4.82
   LOCATION L0001432     VOLUME   539049.652 4216258.321 5.06
   LOCATION L0001433     VOLUME   539069.441 4216235.774 5.31
   LOCATION L0001434     VOLUME   539088.111 4216212.338 5.56
   LOCATION L0001435     VOLUME   539105.557 4216187.933 5.69
   LOCATION L0001436     VOLUME   539123.003 4216163.527 5.64
   LOCATION L0001437     VOLUME   539140.449 4216139.121 5.59
   LOCATION L0001438     VOLUME   539157.896 4216114.716 5.67
   LOCATION L0001439     VOLUME   539174.706 4216089.869 5.89
   LOCATION L0001440     VOLUME   539191.502 4216065.011 6.11
   LOCATION L0001441     VOLUME   539208.299 4216040.154 6.19
   LOCATION L0001442     VOLUME   539225.095 4216015.297 6.15
   LOCATION L0001443     VOLUME   539241.891 4215990.439 6.00
   LOCATION L0001444     VOLUME   539258.688 4215965.582 6.24
   LOCATION L0001445     VOLUME   539275.484 4215940.725 6.51
   LOCATION L0001446     VOLUME   539292.280 4215915.868 6.78
   LOCATION L0001447     VOLUME   539309.076 4215891.010 7.00
   LOCATION L0001448     VOLUME   539325.873 4215866.153 6.89
   LOCATION L0001449     VOLUME   539342.669 4215841.296 6.84
   LOCATION L0001450     VOLUME   539359.465 4215816.438 6.91
   LOCATION L0001451     VOLUME   539376.262 4215791.581 7.13
   LOCATION L0001452     VOLUME   539393.058 4215766.724 7.33
   LOCATION L0001453     VOLUME   539409.854 4215741.867 7.37
   LOCATION L0001454     VOLUME   539426.650 4215717.009 7.41
   LOCATION L0001455     VOLUME   539443.447 4215692.152 7.40
   LOCATION L0001456     VOLUME   539460.243 4215667.295 7.49
   LOCATION L0001457     VOLUME   539477.039 4215642.437 7.59
   LOCATION L0001458     VOLUME   539493.836 4215617.580 7.58
   LOCATION L0001459     VOLUME   539510.632 4215592.723 7.62
   LOCATION L0001460     VOLUME   539527.428 4215567.866 7.66
   LOCATION L0001461     VOLUME   539513.486 4215548.446 8.06
   LOCATION L0001462     VOLUME   539489.182 4215530.858 8.59
   LOCATION L0001463     VOLUME   539464.159 4215514.314 8.98
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   LOCATION L0001464     VOLUME   539439.077 4215497.855 9.10
   LOCATION L0001465     VOLUME   539411.219 4215487.243 9.30
** END OF LINE VOLUME SOURCE ID = WKR2AN
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CONAN
** DESCRSRC DEMO, PAVING, GRADING - ANNUAL
** PREFIX
** LENGTH OF SIDE = 6.10
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0085678559
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 22
** 539387.365, 4215492.296, 9.88, 1.30, 5.67
** 539357.880, 4215576.483, 9.55, 1.30, 5.67
** 539275.051, 4215517.513, 10.12, 1.30, 5.67
** 539296.971, 4215501.413, 10.38, 1.30, 5.67
** 539324.516, 4215491.326, 10.25, 1.30, 5.67
** 539354.777, 4215488.610, 10.19, 1.30, 5.67
** 539380.188, 4215489.580, 9.90, 1.30, 5.67
** 539354.001, 4215563.875, 9.56, 1.30, 5.67
** 539285.526, 4215517.125, 9.95, 1.30, 5.67
** 539307.252, 4215505.292, 10.34, 1.30, 5.67
** 539347.017, 4215497.339, 10.22, 1.30, 5.67
** 539367.385, 4215496.175, 10.19, 1.30, 5.67
** 539350.703, 4215550.490, 9.59, 1.30, 5.67
** 539302.790, 4215518.677, 9.97, 1.30, 5.67
** 539323.740, 4215506.262, 10.29, 1.30, 5.67
** 539358.462, 4215500.831, 10.21, 1.30, 5.67
** 539342.944, 4215542.925, 9.74, 1.30, 5.67
** 539319.860, 4215519.453, 9.99, 1.30, 5.67
** 539332.663, 4215510.918, 9.89, 1.30, 5.67
** 539347.017, 4215510.530, 9.68, 1.30, 5.67
** 539340.616, 4215528.958, 9.81, 1.30, 5.67
** 539329.559, 4215521.393, 9.95, 1.30, 5.67
** ----------------------------------------------------------------
   LOCATION L0001466     VOLUME   539386.358 4215495.172 9.36
   LOCATION L0001467     VOLUME   539382.328 4215506.679 9.29
   LOCATION L0001468     VOLUME   539378.298 4215518.186 9.22
   LOCATION L0001469     VOLUME   539374.268 4215529.693 9.17
   LOCATION L0001470     VOLUME   539370.238 4215541.199 9.10
   LOCATION L0001471     VOLUME   539366.208 4215552.706 9.03
   LOCATION L0001472     VOLUME   539362.178 4215564.213 8.96
   LOCATION L0001473     VOLUME   539358.148 4215575.719 8.89
   LOCATION L0001474     VOLUME   539348.608 4215569.882 9.08
   LOCATION L0001475     VOLUME   539338.676 4215562.811 9.29
   LOCATION L0001476     VOLUME   539328.744 4215555.740 9.50
   LOCATION L0001477     VOLUME   539318.812 4215548.668 9.72
   LOCATION L0001478     VOLUME   539308.880 4215541.597 9.83
   LOCATION L0001479     VOLUME   539298.948 4215534.526 9.90
   LOCATION L0001480     VOLUME   539289.016 4215527.455 9.98
   LOCATION L0001481     VOLUME   539279.084 4215520.384 10.03
   LOCATION L0001482     VOLUME   539280.887 4215513.226 10.07
   LOCATION L0001483     VOLUME   539290.713 4215506.009 10.07
   LOCATION L0001484     VOLUME   539301.129 4215499.890 10.06
   LOCATION L0001485     VOLUME   539312.577 4215495.698 10.02
   LOCATION L0001486     VOLUME   539324.026 4215491.505 9.93
   LOCATION L0001487     VOLUME   539336.139 4215490.283 9.83
   LOCATION L0001488     VOLUME   539348.283 4215489.193 9.74
   LOCATION L0001489     VOLUME   539360.444 4215488.826 9.64
   LOCATION L0001490     VOLUME   539372.627 4215489.292 9.54
   LOCATION L0001491     VOLUME   539378.650 4215493.943 9.44
   LOCATION L0001492     VOLUME   539374.597 4215505.441 9.38
   LOCATION L0001493     VOLUME   539370.544 4215516.940 9.33
   LOCATION L0001494     VOLUME   539366.491 4215528.439 9.29
   LOCATION L0001495     VOLUME   539362.438 4215539.937 9.22
   LOCATION L0001496     VOLUME   539358.385 4215551.436 9.15
   LOCATION L0001497     VOLUME   539354.332 4215562.934 9.08
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   LOCATION L0001498     VOLUME   539344.755 4215557.562 9.27
   LOCATION L0001499     VOLUME   539334.686 4215550.688 9.48
   LOCATION L0001500     VOLUME   539324.617 4215543.813 9.69
   LOCATION L0001501     VOLUME   539314.547 4215536.939 9.88
   LOCATION L0001502     VOLUME   539304.478 4215530.065 9.95
   LOCATION L0001503     VOLUME   539294.409 4215523.190 10.01
   LOCATION L0001504     VOLUME   539286.787 4215516.439 10.04
   LOCATION L0001505     VOLUME   539297.493 4215510.607 10.04
   LOCATION L0001506     VOLUME   539308.311 4215505.081 10.02
   LOCATION L0001507     VOLUME   539320.266 4215502.690 9.96
   LOCATION L0001508     VOLUME   539332.222 4215500.298 9.84
   LOCATION L0001509     VOLUME   539344.177 4215497.907 9.73
   LOCATION L0001510     VOLUME   539356.297 4215496.809 9.63
   LOCATION L0001511     VOLUME   539367.067 4215497.213 9.52
   LOCATION L0001512     VOLUME   539363.487 4215508.868 9.47
   LOCATION L0001513     VOLUME   539359.907 4215520.523 9.44
   LOCATION L0001514     VOLUME   539356.328 4215532.177 9.38
   LOCATION L0001515     VOLUME   539352.748 4215543.832 9.31
   LOCATION L0001516     VOLUME   539346.348 4215547.598 9.35
   LOCATION L0001517     VOLUME   539336.191 4215540.855 9.56
   LOCATION L0001518     VOLUME   539326.034 4215534.111 9.78
   LOCATION L0001519     VOLUME   539315.877 4215527.367 9.98
   LOCATION L0001520     VOLUME   539305.720 4215520.623 10.01
   LOCATION L0001521     VOLUME   539310.253 4215514.255 10.01
   LOCATION L0001522     VOLUME   539320.741 4215508.039 9.95
   LOCATION L0001523     VOLUME   539332.342 4215504.917 9.83
   LOCATION L0001524     VOLUME   539344.387 4215503.033 9.71
   LOCATION L0001525     VOLUME   539356.433 4215501.148 9.60
   LOCATION L0001526     VOLUME   539354.956 4215510.343 9.56
   LOCATION L0001527     VOLUME   539350.738 4215521.782 9.55
   LOCATION L0001528     VOLUME   539346.521 4215533.222 9.51
   LOCATION L0001529     VOLUME   539341.646 4215541.605 9.48
   LOCATION L0001530     VOLUME   539333.097 4215532.913 9.69
   LOCATION L0001531     VOLUME   539324.549 4215524.220 9.89
   LOCATION L0001532     VOLUME   539324.441 4215516.399 9.90
   LOCATION L0001533     VOLUME   539334.973 4215510.855 9.79
   LOCATION L0001534     VOLUME   539346.971 4215510.665 9.65
   LOCATION L0001535     VOLUME   539342.970 4215522.182 9.65
   LOCATION L0001536     VOLUME   539336.474 4215526.124 9.72
** END OF LINE VOLUME SOURCE ID = CONAN
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = TK1AN
   SRCPARAM L0001374     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001375     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001376     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001377     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001378     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001379     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001380     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001381     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001382     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001383     0.0000003915      3.40     18.60      3.16
   SRCPARAM L0001384     0.0000003915      3.40     18.60      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = WKR1AN
   SRCPARAM L0001385     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001386     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001387     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001388     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001389     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001390     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001391     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001392     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001393     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001394     0.00000003432      1.30     18.60      1.21
   SRCPARAM L0001395     0.00000003432      1.30     18.60      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = TK2AN
   SRCPARAM L0001396     0.0000002939      3.40     13.95      3.16
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   SRCPARAM L0001397     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001398     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001399     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001400     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001401     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001402     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001403     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001404     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001405     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001406     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001407     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001408     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001409     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001410     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001411     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001412     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001413     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001414     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001415     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001416     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001417     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001418     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001419     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001420     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001421     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001422     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001423     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001424     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001425     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001426     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001427     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001428     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001429     0.0000002939      3.40     13.95      3.16
   SRCPARAM L0001430     0.0000002939      3.40     13.95      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = WKR2AN
   SRCPARAM L0001431     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001432     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001433     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001434     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001435     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001436     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001437     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001438     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001439     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001440     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001441     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001442     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001443     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001444     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001445     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001446     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001447     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001448     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001449     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001450     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001451     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001452     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001453     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001454     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001455     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001456     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001457     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001458     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001459     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001460     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001461     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001462     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001463     0.00000002576      1.30     13.95      1.21
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   SRCPARAM L0001464     0.00000002576      1.30     13.95      1.21
   SRCPARAM L0001465     0.00000002576      1.30     13.95      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = CONAN
   SRCPARAM L0001466     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001467     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001468     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001469     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001470     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001471     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001472     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001473     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001474     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001475     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001476     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001477     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001478     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001479     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001480     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001481     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001482     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001483     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001484     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001485     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001486     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001487     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001488     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001489     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001490     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001491     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001492     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001493     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001494     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001495     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001496     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001497     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001498     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001499     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001500     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001501     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001502     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001503     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001504     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001505     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001506     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001507     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001508     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001509     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001510     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001511     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001512     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001513     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001514     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001515     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001516     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001517     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001518     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001519     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001520     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001521     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001522     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001523     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001524     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001525     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001526     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001527     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001528     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001529     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001530     0.000120674      1.30      5.67      1.21
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   SRCPARAM L0001531     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001532     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001533     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001534     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001535     0.000120674      1.30      5.67      1.21
   SRCPARAM L0001536     0.000120674      1.30      5.67      1.21
** ----------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "CONSTRUCTION"
** WEEKDAYS:
   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001374     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001374     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001375     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001376     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001377     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001377     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001378     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001379     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001379     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001380     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001380     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001381     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001381     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001382     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001382     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001383     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001383     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001384     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001384     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001384     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001385     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001385     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001386     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001386     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001387     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001387     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001388     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001388     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001389     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001389     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001390     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001390     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001391     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001391     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001392     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001392     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001393     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001393     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001394     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001394     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001395     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001395     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001385     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001386     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001387     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001388     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001389     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001390     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001391     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001392     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001393     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001394     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001395     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001396     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001396     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001397     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001398     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001399     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001400     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001401     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001402     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001403     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001403     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001404     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001404     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001404     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001404     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001405     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001405     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001406     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001407     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001408     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001409     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001410     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001411     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001411     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001412     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001412     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001412     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001413     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001413     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001413     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001414     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001414     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001414     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001415     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001415     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001415     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001416     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001416     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001416     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001417     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001417     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001417     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001418     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001418     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001419     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001419     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001419     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001420     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001420     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001420     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001420     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001421     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001421     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001422     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001422     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001422     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001422     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001423     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001423     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001423     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001423     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001424     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001424     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001424     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001424     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001425     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001426     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001426     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001427     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001427     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001428     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001428     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001429     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001429     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001430     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001430     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001399     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001403     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001405     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001407     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001409     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001411     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001424     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001424     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001396     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001397     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001398     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001400     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001401     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001402     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001406     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001408     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001410     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001420     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001421     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001422     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001422     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001422     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001422     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001423     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001423     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001423     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001423     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001424     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001424     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001424     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001424     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001425     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001426     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001427     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001428     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001429     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001430     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001431     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001431     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001432     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001432     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001433     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001433     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001434     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001434     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001435     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001435     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001436     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001437     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001438     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001438     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001439     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001439     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001440     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001440     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001441     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001444     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001445     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001445     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001446     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001447     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001447     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001448     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001448     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001448     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001448     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001449     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001449     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001449     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001449     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001450     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001451     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001451     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001452     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001452     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001452     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001452     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001453     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001453     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001453     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001454     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001454     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001454     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001455     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001455     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001455     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001456     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001456     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001456     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001457     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001457     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001457     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001458     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001458     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001459     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001459     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001460     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001460     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001460     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001460     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001461     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001461     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001462     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001462     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001462     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001463     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001463     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001463     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001464     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001465     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001465     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001438     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001438     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001438     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001439     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001439     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001439     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001443     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001444     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001444     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001444     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001445     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001446     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001449     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001450     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001458     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001460     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001460     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001460     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001462     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001462     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001462     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001463     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001463     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001463     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001463     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
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   EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001431     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001432     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001433     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001434     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001435     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001436     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001437     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001438     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001438     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001440     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001440     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001441     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001442     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001459     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001460     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001460     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001461     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001462     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001462     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001463     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001463     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001464     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001465     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001466     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001466     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001466     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001467     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001467     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001468     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001468     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001468     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001469     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001469     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001469     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001469     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001470     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001470     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001470     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001470     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001471     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001471     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001471     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001471     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001472     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001472     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001472     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001473     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001473     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001475     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0001476     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001476     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001477     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001477     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001477     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001478     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0001478     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001478     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001479     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001481     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0001494     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001528     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SATURDAY:
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   EMISFACT L0001467     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SUNDAY:
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   EMISFACT L0001531     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001531     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001531     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001531     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001532     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001532     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001532     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001532     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001533     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001533     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001533     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001533     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001534     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001534     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001534     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001534     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001535     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001535     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001535     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001535     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001536     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001536     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001536     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0001536     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD RECEPTOR PATHWAY
****************************************
**
**
RE STARTING
   INCLUDED "NOVATO CONST NO2 MIT ANN JULY 2025.ROU"
RE FINISHED
**
****************************************
** AERMOD METEOROLOGY PATHWAY
****************************************
**
**
ME STARTING
   SURFFILE "..\NOVATO CONST NO2 MIT JULY 2025\NOVATO CONST NO2 MIT JULY 2025.SFC"
```

```
   PROFFILE "..\NOVATO CONST NO2 MIT JULY 2025\NOVATO CONST NO2 MIT JULY 2025.PFL"
   SURFDATA 72040 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 1.0 METERS
ME FINISHED
**
****************************************
** AERMOD OUTPUT PATHWAY
****************************************
**
**
OU STARTING
** AUTO-GENERATED PLOTFILES
   PLOTFILE   ANNUAL ALL "NOVATO CONST NO2 MIT ANN JULY 2025.AD\AN00GALL.PLT" 31
   SUMMFILE "NOVATO CONST NO2 MIT ANN JULY 2025.SUM"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W187    2488       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
         with a Minimum NO2/NOx Ratio of  0.500
         and a Maximum NO2/NOx Ratio of  0.900
      * Model Uses URBAN Dispersion Algorithm for the SBL for   163 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    260206.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
```

```
     * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
     * CCVR_Sub - Meteorological data includes CCVR substitutions
     * TEMP_Sub - Meteorological data includes TEMP substitutions
     * Model Accepts FLAGPOLE Receptor . Heights.
     * The User Specified a Pollutant Type of: NO2

 **NOTE: Special processing requirements applicable for the 1-hour NO2 NAAQS have been disabled!!!
        User has specified non-standard averaging periods:
        High ranked 1-hour values are NOT averaged across the number of years modeled, and
        complete years of data are NOT required.

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:    163 Source(s);       1 Source Group(s); and    2612 Receptor(s)

               with:      0 POINT(s), including
                          0 POINTCAP(s) and      0 POINTHOR(s)
                and:    163 VOLUME source(s)
                and:      0 AREA type source(s)
                and:      0 LINE source(s)
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =
    0.0
                  Emission Units = GRAMS/SEC                              ;  Emission Rate Unit Factor =
0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   NOVATO CONST NO2 MIT ANN JULY 2025.ERR

 **File for Summary of Results:   NOVATO CONST NO2 MIT ANN JULY 2025.SUM

↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                              *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
```

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	SY (METERS)	SZ (METERS)	SOURCE	SCALAR VARY BY
L0001374	0	0.39150E-06	538665.7	4216147.5	9.1	3.40	18.60	3.16	YES	HRDOW
NO										
L0001375	0	0.39150E-06	538696.7	4216172.8	8.4	3.40	18.60	3.16	YES	HRDOW
NO										
L0001376	0	0.39150E-06	538727.6	4216198.1	7.7	3.40	18.60	3.16	YES	HRDOW
NO										
L0001377	0	0.39150E-06	538758.6	4216223.4	7.2	3.40	18.60	3.16	YES	HRDOW
NO										
L0001378	0	0.39150E-06	538789.6	4216248.7	7.0	3.40	18.60	3.16	YES	HRDOW
NO										
L0001379	0	0.39150E-06	538820.5	4216274.0	6.6	3.40	18.60	3.16	YES	HRDOW
NO										
L0001380	0	0.39150E-06	538851.7	4216299.0	5.9	3.40	18.60	3.16	YES	HRDOW
NO										
L0001381	0	0.39150E-06	538890.2	4216309.9	5.4	3.40	18.60	3.16	YES	HRDOW
NO										
L0001382	0	0.39150E-06	538928.9	4216318.5	5.0	3.40	18.60	3.16	YES	HRDOW
NO										
L0001383	0	0.39150E-06	538968.5	4216313.8	4.8	3.40	18.60	3.16	YES	HRDOW
NO										
L0001384	0	0.39150E-06	539005.2	4216299.6	4.7	3.40	18.60	3.16	YES	HRDOW
NO										
L0001385	0	0.34320E-07	538665.7	4216147.5	9.1	1.30	18.60	1.21	YES	HRDOW
NO										
L0001386	0	0.34320E-07	538696.7	4216172.8	8.4	1.30	18.60	1.21	YES	HRDOW
NO										
L0001387	0	0.34320E-07	538727.6	4216198.1	7.7	1.30	18.60	1.21	YES	HRDOW
NO										
L0001388	0	0.34320E-07	538758.6	4216223.4	7.2	1.30	18.60	1.21	YES	HRDOW
NO										
L0001389	0	0.34320E-07	538789.6	4216248.7	7.0	1.30	18.60	1.21	YES	HRDOW
NO										
L0001390	0	0.34320E-07	538820.5	4216274.0	6.6	1.30	18.60	1.21	YES	HRDOW
NO										
L0001391	0	0.34320E-07	538851.7	4216299.0	5.9	1.30	18.60	1.21	YES	HRDOW
NO										
L0001392	0	0.34320E-07	538890.2	4216309.9	5.4	1.30	18.60	1.21	YES	HRDOW
NO										
L0001393	0	0.34320E-07	538928.9	4216318.5	5.0	1.30	18.60	1.21	YES	HRDOW
NO										
L0001394	0	0.34320E-07	538968.5	4216313.8	4.8	1.30	18.60	1.21	YES	HRDOW
NO										
L0001395	0	0.34320E-07	539005.2	4216299.6	4.7	1.30	18.60	1.21	YES	HRDOW
NO										
L0001396	0	0.29390E-06	539029.9	4216280.9	4.8	3.40	13.95	3.16	YES	HRDOW
NO										
L0001397	0	0.29390E-06	539049.7	4216258.4	5.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001398	0	0.29390E-06	539069.6	4216235.9	5.3	3.40	13.95	3.16	YES	HRDOW
NO										
L0001399	0	0.29390E-06	539089.5	4216213.4	5.5	3.40	13.95	3.16	YES	HRDOW
NO										
L0001400	0	0.29390E-06	539107.0	4216189.2	5.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0001401	0	0.29390E-06	539124.0	4216164.4	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001402	0	0.29390E-06	539140.9	4216139.6	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001403	0	0.29390E-06	539157.8	4216114.9	5.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0001404	0	0.29390E-06	539174.6	4216090.0	5.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0001405	0	0.29390E-06	539191.4	4216065.1	6.1	3.40	13.95	3.16	YES	HRDOW
NO										

L0001406	0	0.29390E-06	539208.2	4216040.3	6.2	3.40	13.95	3.16	YES	HRDOW
NO										
L0001407	0	0.29390E-06	539225.0	4216015.4	6.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001408	0	0.29390E-06	539241.8	4215990.6	6.0	3.40	13.95	3.16	YES	HRDOW
NO										
L0001409	0	0.29390E-06	539258.6	4215965.7	6.2	3.40	13.95	3.16	YES	HRDOW
NO										
L0001410	0	0.29390E-06	539275.4	4215940.9	6.5	3.40	13.95	3.16	YES	HRDOW
NO										
L0001411	0	0.29390E-06	539292.2	4215916.0	6.8	3.40	13.95	3.16	YES	HRDOW
NO										
L0001412	0	0.29390E-06	539309.0	4215891.1	7.0	3.40	13.95	3.16	YES	HRDOW
NO										
L0001413	0	0.29390E-06	539325.8	4215866.3	6.9	3.40	13.95	3.16	YES	HRDOW
NO										

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001414	0	0.29390E-06	539342.6	4215841.4	6.8	3.40	13.95	3.16	YES	HRDOW
NO										
L0001415	0	0.29390E-06	539359.4	4215816.6	6.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0001416	0	0.29390E-06	539376.2	4215791.7	7.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001417	0	0.29390E-06	539393.0	4215766.9	7.3	3.40	13.95	3.16	YES	HRDOW
NO										
L0001418	0	0.29390E-06	539409.8	4215742.0	7.4	3.40	13.95	3.16	YES	HRDOW
NO										
L0001419	0	0.29390E-06	539426.6	4215717.1	7.4	3.40	13.95	3.16	YES	HRDOW
NO										
L0001420	0	0.29390E-06	539443.4	4215692.3	7.4	3.40	13.95	3.16	YES	HRDOW
NO										
L0001421	0	0.29390E-06	539460.2	4215667.4	7.5	3.40	13.95	3.16	YES	HRDOW
NO										
L0001422	0	0.29390E-06	539476.9	4215642.6	7.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001423	0	0.29390E-06	539493.7	4215617.7	7.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001424	0	0.29390E-06	539510.5	4215592.9	7.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001425	0	0.29390E-06	539527.3	4215568.0	7.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0001426	0	0.29390E-06	539513.6	4215548.5	8.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001427	0	0.29390E-06	539489.3	4215531.0	8.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0001428	0	0.29390E-06	539464.3	4215514.4	9.0	3.40	13.95	3.16	YES	HRDOW
NO										
L0001429	0	0.29390E-06	539439.2	4215497.9	9.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0001430	0	0.29390E-06	539411.4	4215487.3	9.3	3.40	13.95	3.16	YES	HRDOW
NO										
L0001431	0	0.25760E-07	539029.9	4216280.9	4.8	1.30	13.95	1.21	YES	HRDOW

NO

L0001432	0	0.25760E-07	539049.7	4216258.3	5.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001433	0	0.25760E-07	539069.4	4216235.8	5.3	1.30	13.95	1.21	YES	HRDOW	NO
L0001434	0	0.25760E-07	539088.1	4216212.3	5.6	1.30	13.95	1.21	YES	HRDOW	NO
L0001435	0	0.25760E-07	539105.6	4216187.9	5.7	1.30	13.95	1.21	YES	HRDOW	NO
L0001436	0	0.25760E-07	539123.0	4216163.5	5.6	1.30	13.95	1.21	YES	HRDOW	NO
L0001437	0	0.25760E-07	539140.4	4216139.1	5.6	1.30	13.95	1.21	YES	HRDOW	NO
L0001438	0	0.25760E-07	539157.9	4216114.7	5.7	1.30	13.95	1.21	YES	HRDOW	NO
L0001439	0	0.25760E-07	539174.7	4216089.9	5.9	1.30	13.95	1.21	YES	HRDOW	NO
L0001440	0	0.25760E-07	539191.5	4216065.0	6.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001441	0	0.25760E-07	539208.3	4216040.2	6.2	1.30	13.95	1.21	YES	HRDOW	NO
L0001442	0	0.25760E-07	539225.1	4216015.3	6.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001443	0	0.25760E-07	539241.9	4215990.4	6.0	1.30	13.95	1.21	YES	HRDOW	NO
L0001444	0	0.25760E-07	539258.7	4215965.6	6.2	1.30	13.95	1.21	YES	HRDOW	NO
L0001445	0	0.25760E-07	539275.5	4215940.7	6.5	1.30	13.95	1.21	YES	HRDOW	NO
L0001446	0	0.25760E-07	539292.3	4215915.9	6.8	1.30	13.95	1.21	YES	HRDOW	NO
L0001447	0	0.25760E-07	539309.1	4215891.0	7.0	1.30	13.95	1.21	YES	HRDOW	NO
L0001448	0	0.25760E-07	539325.9	4215866.2	6.9	1.30	13.95	1.21	YES	HRDOW	NO
L0001449	0	0.25760E-07	539342.7	4215841.3	6.8	1.30	13.95	1.21	YES	HRDOW	NO
L0001450	0	0.25760E-07	539359.5	4215816.4	6.9	1.30	13.95	1.21	YES	HRDOW	NO
L0001451	0	0.25760E-07	539376.3	4215791.6	7.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001452	0	0.25760E-07	539393.1	4215766.7	7.3	1.30	13.95	1.21	YES	HRDOW	NO
L0001453	0	0.25760E-07	539409.9	4215741.9	7.4	1.30	13.95	1.21	YES	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001454	0	0.25760E-07	539426.7	4215717.0	7.4	1.30	13.95	1.21	YES	HRDOW	NO
L0001455	0	0.25760E-07	539443.4	4215692.2	7.4	1.30	13.95	1.21	YES	HRDOW	NO
L0001456	0	0.25760E-07	539460.2	4215667.3	7.5	1.30	13.95	1.21	YES	HRDOW	NO

L0001457	0	0.25760E-07	539477.0	4215642.4	7.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001458	0	0.25760E-07	539493.8	4215617.6	7.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001459	0	0.25760E-07	539510.6	4215592.7	7.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001460	0	0.25760E-07	539527.4	4215567.9	7.7	1.30	13.95	1.21	YES	HRDOW
NO										
L0001461	0	0.25760E-07	539513.5	4215548.4	8.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0001462	0	0.25760E-07	539489.2	4215530.9	8.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001463	0	0.25760E-07	539464.2	4215514.3	9.0	1.30	13.95	1.21	YES	HRDOW
NO										
L0001464	0	0.25760E-07	539439.1	4215497.9	9.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0001465	0	0.25760E-07	539411.2	4215487.2	9.3	1.30	13.95	1.21	YES	HRDOW
NO										
L0001466	0	0.12067E-03	539386.4	4215495.2	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001467	0	0.12067E-03	539382.3	4215506.7	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001468	0	0.12067E-03	539378.3	4215518.2	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001469	0	0.12067E-03	539374.3	4215529.7	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001470	0	0.12067E-03	539370.2	4215541.2	9.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001471	0	0.12067E-03	539366.2	4215552.7	9.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001472	0	0.12067E-03	539362.2	4215564.2	9.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001473	0	0.12067E-03	539358.1	4215575.7	8.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0001474	0	0.12067E-03	539348.6	4215569.9	9.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001475	0	0.12067E-03	539338.7	4215562.8	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001476	0	0.12067E-03	539328.7	4215555.7	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001477	0	0.12067E-03	539318.8	4215548.7	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001478	0	0.12067E-03	539308.9	4215541.6	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0001479	0	0.12067E-03	539298.9	4215534.5	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0001480	0	0.12067E-03	539289.0	4215527.5	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001481	0	0.12067E-03	539279.1	4215520.4	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001482	0	0.12067E-03	539280.9	4215513.2	10.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001483	0	0.12067E-03	539290.7	4215506.0	10.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001484	0	0.12067E-03	539301.1	4215499.9	10.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001485	0	0.12067E-03	539312.6	4215495.7	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001486	0	0.12067E-03	539324.0	4215491.5	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0001487	0	0.12067E-03	539336.1	4215490.3	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0001488	0	0.12067E-03	539348.3	4215489.2	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001489	0	0.12067E-03	539360.4	4215488.8	9.6	1.30	5.67	1.21	YES	HRDOW
NO										
L0001490	0	0.12067E-03	539372.6	4215489.3	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001491	0	0.12067E-03	539378.7	4215493.9	9.4	1.30	5.67	1.21	YES	HRDOW

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001492	0	0.12067E-03	539374.6	4215505.4	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001493	0	0.12067E-03	539370.5	4215516.9	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001494	0	0.12067E-03	539366.5	4215528.4	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001495	0	0.12067E-03	539362.4	4215539.9	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001496	0	0.12067E-03	539358.4	4215551.4	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0001497	0	0.12067E-03	539354.3	4215562.9	9.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0001498	0	0.12067E-03	539344.8	4215557.6	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001499	0	0.12067E-03	539334.7	4215550.7	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001500	0	0.12067E-03	539324.6	4215543.8	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001501	0	0.12067E-03	539314.5	4215536.9	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0001502	0	0.12067E-03	539304.5	4215530.1	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001503	0	0.12067E-03	539294.4	4215523.2	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001504	0	0.12067E-03	539286.8	4215516.4	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001505	0	0.12067E-03	539297.5	4215510.6	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001506	0	0.12067E-03	539308.3	4215505.1	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001507	0	0.12067E-03	539320.3	4215502.7	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0001508	0	0.12067E-03	539332.2	4215500.3	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0001509	0	0.12067E-03	539344.2	4215497.9	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0001510	0	0.12067E-03	539356.3	4215496.8	9.6	1.30	5.67	1.21	YES	HRDOW
NO										
L0001511	0	0.12067E-03	539367.1	4215497.2	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001512	0	0.12067E-03	539363.5	4215508.9	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0001513	0	0.12067E-03	539359.9	4215520.5	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001514	0	0.12067E-03	539356.3	4215532.2	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0001515	0	0.12067E-03	539352.7	4215543.8	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0001516	0	0.12067E-03	539346.3	4215547.6	9.4	1.30	5.67	1.21	YES	HRDOW
NO										

```
 L0001517         0   0.12067E-03  539336.2 4215540.9     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001518         0   0.12067E-03  539326.0 4215534.1     9.8     1.30     5.67     1.21     YES   HRDOW
NO
 L0001519         0   0.12067E-03  539315.9 4215527.4    10.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0001520         0   0.12067E-03  539305.7 4215520.6    10.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0001521         0   0.12067E-03  539310.3 4215514.3    10.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0001522         0   0.12067E-03  539320.7 4215508.0    10.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0001523         0   0.12067E-03  539332.3 4215504.9     9.8     1.30     5.67     1.21     YES   HRDOW
NO
 L0001524         0   0.12067E-03  539344.4 4215503.0     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001525         0   0.12067E-03  539356.4 4215501.1     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001526         0   0.12067E-03  539355.0 4215510.3     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001527         0   0.12067E-03  539350.7 4215521.8     9.6     1.30     5.67     1.21     YES   HRDOW
NO
 L0001528         0   0.12067E-03  539346.5 4215533.2     9.5     1.30     5.67     1.21     YES   HRDOW
NO
 L0001529         0   0.12067E-03  539341.6 4215541.6     9.5     1.30     5.67     1.21     YES   HRDOW
NO
 L0001530         0   0.12067E-03  539333.1 4215532.9     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001531         0   0.12067E-03  539324.5 4215524.2     9.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0001532         0   0.12067E-03  539324.4 4215516.4     9.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0001533         0   0.12067E-03  539335.0 4215510.9     9.8     1.30     5.67     1.21     YES   HRDOW
NO
```


*** VOLUME SOURCE DATA ***

```
               NUMBER EMISSION RATE                     BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)      X         Y       ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0001534         0   0.12067E-03  539347.0 4215510.7     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001535         0   0.12067E-03  539343.0 4215522.2     9.7     1.30     5.67     1.21     YES   HRDOW
NO
 L0001536         0   0.12067E-03  539336.5 4215526.1     9.7     1.30     5.67     1.21     YES   HRDOW
NO
```


*** SOURCE IDs DEFINING SOURCE GROUPS ***

```
 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------

  ALL        L0001374    , L0001375    , L0001376    , L0001377    , L0001378    , L0001379    , L0001380    ,
L0001381    ,
             L0001382    , L0001383    , L0001384    , L0001385    , L0001386    , L0001387    , L0001388    ,
L0001389    ,
             L0001390    , L0001391    , L0001392    , L0001393    , L0001394    , L0001395    , L0001396    ,
L0001397    ,
             L0001398    , L0001399    , L0001400    , L0001401    , L0001402    , L0001403    , L0001404    ,
L0001405    ,
             L0001406    , L0001407    , L0001408    , L0001409    , L0001410    , L0001411    , L0001412    ,
L0001413    ,
             L0001414    , L0001415    , L0001416    , L0001417    , L0001418    , L0001419    , L0001420    ,
L0001421    ,
             L0001422    , L0001423    , L0001424    , L0001425    , L0001426    , L0001427    , L0001428    ,
L0001429    ,
             L0001430    , L0001431    , L0001432    , L0001433    , L0001434    , L0001435    , L0001436    ,
L0001437    ,
             L0001438    , L0001439    , L0001440    , L0001441    , L0001442    , L0001443    , L0001444    ,
L0001445    ,
             L0001446    , L0001447    , L0001448    , L0001449    , L0001450    , L0001451    , L0001452    ,
L0001453    ,
             L0001454    , L0001455    , L0001456    , L0001457    , L0001458    , L0001459    , L0001460    ,
L0001461    ,
             L0001462    , L0001463    , L0001464    , L0001465    , L0001466    , L0001467    , L0001468    ,
L0001469    ,
             L0001470    , L0001471    , L0001472    , L0001473    , L0001474    , L0001475    , L0001476    ,
L0001477    ,
             L0001478    , L0001479    , L0001480    , L0001481    , L0001482    , L0001483    , L0001484    ,
L0001485    ,
             L0001486    , L0001487    , L0001488    , L0001489    , L0001490    , L0001491    , L0001492    ,
L0001493    ,
             L0001494    , L0001495    , L0001496    , L0001497    , L0001498    , L0001499    , L0001500    ,
L0001501    ,
             L0001502    , L0001503    , L0001504    , L0001505    , L0001506    , L0001507    , L0001508    ,
L0001509    ,
             L0001510    , L0001511    , L0001512    , L0001513    , L0001514    , L0001515    , L0001516    ,
L0001517    ,
             L0001518    , L0001519    , L0001520    , L0001521    , L0001522    , L0001523    , L0001524    ,
L0001525    ,
             L0001526    , L0001527    , L0001528    , L0001529    , L0001530    , L0001531    , L0001532    ,
L0001533    ,

```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs

L0001534 , L0001535 , L0001536 ,

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

260206. L0001374 , L0001375 , L0001376 , L0001377 , L0001378 , L0001379 , L0001380 ,
L0001381 ,

L0001382 , L0001383 , L0001384 , L0001385 , L0001386 , L0001387 , L0001388 , L0001389 ,

L0001390 , L0001391 , L0001392 , L0001393 , L0001394 , L0001395 , L0001396 , L0001397 ,

L0001398 , L0001399 , L0001400 , L0001401 , L0001402 , L0001403 , L0001404 , L0001405 ,

L0001406 , L0001407 , L0001408 , L0001409 , L0001410 , L0001411 , L0001412 , L0001413 ,

L0001414 , L0001415 , L0001416 , L0001417 , L0001418 , L0001419 , L0001420 , L0001421 ,

L0001422 , L0001423 , L0001424 , L0001425 , L0001426 , L0001427 , L0001428 , L0001429 ,

L0001430 , L0001431 , L0001432 , L0001433 , L0001434 , L0001435 , L0001436 , L0001437 ,

L0001438 , L0001439 , L0001440 , L0001441 , L0001442 , L0001443 , L0001444 , L0001445 ,

L0001446 , L0001447 , L0001448 , L0001449 , L0001450 , L0001451 , L0001452 , L0001453 ,

L0001454 , L0001455 , L0001456 , L0001457 , L0001458 , L0001459 , L0001460 , L0001461 ,

L0001462 , L0001463 , L0001464 , L0001465 , L0001466 , L0001467 , L0001468 , L0001469 ,

L0001470 , L0001471 , L0001472 , L0001473 , L0001474 , L0001475 , L0001476 , L0001477 ,

L0001478 , L0001479 , L0001480 , L0001481 , L0001482 , L0001483 , L0001484 , L0001485 ,

L0001486 , L0001487 , L0001488 , L0001489 , L0001490 , L0001491 , L0001492 ,

L0001493   ,

             L0001494   , L0001495   , L0001496   , L0001497   , L0001498   , L0001499   , L0001500   ,
L0001501   ,

             L0001502   , L0001503   , L0001504   , L0001505   , L0001506   , L0001507   , L0001508   ,
L0001509   ,

             L0001510   , L0001511   , L0001512   , L0001513   , L0001514   , L0001515   , L0001516   ,
L0001517   ,

             L0001518   , L0001519   , L0001520   , L0001521   , L0001522   , L0001523   , L0001524   ,
L0001525   ,

             L0001526   , L0001527   , L0001528   , L0001529   , L0001530   , L0001531   , L0001532   ,
L0001533   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

             L0001534   , L0001535   , L0001536   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001374   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                                DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                                DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001375   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001376   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001377 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001378 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001379   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001380   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001381   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001382   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001383     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001384     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  24
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001387     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  25
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001388     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001389     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001390     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001391     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0001392     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001393     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001394 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001395 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/18/25
*** AERMET - VERSION 18081 *** *** NOVATO CONSTRUCTION NO2 MITIGATED *** 10:31:13

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001396 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001397 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001398 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001399 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001400 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001401 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001402   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001403   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001404     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001405     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001406     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001407     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  45
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001408     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  46
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001409     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  47
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001410     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  48
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001411     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001412     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001413     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001414 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001415     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001416     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  54
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001417 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001418 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001419 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001420 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001421 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001422 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001423     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001424     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
```

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001425   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001426   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001427     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001428     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001429   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001430   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

```
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001431     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001432     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001433     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001434     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001435     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001436     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001437 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001438     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001439     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001440 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001441 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001442 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001443 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001444   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001445   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001446 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001447 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001448   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001449   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

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24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001450     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001451     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001452     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001453     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001454     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001455     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
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16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  93
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001456     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  94
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001457     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001458     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001459     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001460 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001461     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001462     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001463 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001464 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001465 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001466 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001467   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001468   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001469   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001470   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001471   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001472   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001473     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 111
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001474     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001475   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001476   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

```
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001477     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001478     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 116
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001479     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 117
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001480     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001481     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE 119
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001482     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001483 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001484     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001485     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 123
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001486 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001487 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/18/25
*** AERMET - VERSION 18081 *** *** NOVATO CONSTRUCTION NO2 MITIGATED *** 10:31:13

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001488 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001489 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001490 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001491 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001492   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001493   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001494   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001495   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001496   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001497   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001498     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001499     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001502     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001503     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001504     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001505     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001506 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001507     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001508     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 146
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001509 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001510 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001511 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001512 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001513 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001514 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001515   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001516   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001517   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001518   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001519     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001520     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001521     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001522     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 160
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001523     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 161
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001524     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 162
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001525     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
*** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 163
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001526     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001527     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE 165
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001528     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001529 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001530     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 168
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001531     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 169
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001532 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001533 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001534 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001535 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001536 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

538744.0, 538764.0, 538784.0, 538804.0, 538824.0, 538844.0, 538864.0, 538884.0, 538904.0, 538924.0,
538944.0, 538964.0, 538984.0, 539004.0, 539024.0, 539044.0, 539064.0, 539084.0, 539104.0, 539124.0,
539144.0, 539164.0, 539184.0, 539204.0, 539224.0, 539244.0, 539264.0, 539284.0, 539304.0, 539324.0,
539344.0, 539364.0, 539384.0, 539404.0, 539424.0, 539444.0, 539464.0, 539484.0, 539504.0, 539524.0,
539544.0, 539564.0, 539584.0, 539604.0, 539624.0, 539644.0, 539664.0, 539684.0, 539704.0, 539724.0,

*** Y-COORDINATES OF GRID ***
(METERS)

4214978.0, 4214998.0, 4215018.0, 4215038.0, 4215058.0, 4215078.0, 4215098.0, 4215118.0, 4215138.0, 4215158.0,
4215178.0, 4215198.0, 4215218.0, 4215238.0, 4215258.0, 4215278.0, 4215298.0, 4215318.0, 4215338.0, 4215358.0,
4215378.0, 4215398.0, 4215418.0, 4215438.0, 4215458.0, 4215478.0, 4215498.0, 4215518.0, 4215538.0, 4215558.0,
4215578.0, 4215598.0, 4215618.0, 4215638.0, 4215658.0, 4215678.0, 4215698.0, 4215718.0, 4215738.0, 4215758.0,
4215778.0, 4215798.0, 4215818.0, 4215838.0, 4215858.0, 4215878.0, 4215898.0, 4215918.0, 4215938.0, 4215958.0,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00	
4215958.00	10.10	9.80	9.60	9.30	9.30	9.30	9.30	9.20	8.90	
4215938.00	10.30	10.00	9.80	9.50	9.50	9.50	9.50	9.40	9.10	
4215918.00	10.50	10.30	10.00	9.70	9.70	9.70	9.70	9.60	9.40	
4215898.00	10.80	10.50	10.20	9.90	9.90	10.00	10.00	9.80	9.60	
4215878.00	11.00	10.70	10.40	10.20	10.10	10.10	10.00	9.90	9.70	
4215858.00	11.20	10.90	10.60	10.40	10.30	10.20	10.10	9.90	9.80	
4215838.00	11.40	11.10	10.90	10.60	10.40	10.30	10.10	10.00	9.80	
4215818.00	11.60	11.30	11.10	10.80	10.60	10.40	10.10	10.00	9.90	
4215798.00	11.80	11.60	11.30	11.00	10.80	10.50	10.20	10.10	10.10	
4215778.00	12.10	11.80	11.50	11.20	11.00	10.80	10.60	10.50	10.40	
4215758.00	12.30	12.00	11.70	11.50	11.30	11.20	11.00	10.90	10.80	
4215738.00	12.50	12.20	11.90	11.70	11.60	11.50	11.40	11.30	11.10	
4215718.00	12.70	12.40	12.20	11.90	11.90	11.80	11.80	11.70	11.50	
4215698.00	12.90	12.70	12.40	12.10	12.10	12.10	12.10	12.00	11.70	
4215678.00	13.10	12.90	12.60	12.30	12.30	12.30	12.30	12.20	12.00	
4215658.00	13.40	13.10	12.80	12.50	12.50	12.50	12.50	12.50	12.20	
4215638.00	13.60	13.30	13.00	12.80	12.80	12.80	12.80	12.70	12.40	
4215618.00	13.80	13.50	13.30	13.00	13.00	13.00	13.00	12.90	12.60	
4215598.00	14.00	13.70	13.50	13.20	13.20	13.20	13.20	13.10	12.80	
4215578.00	14.20	14.00	13.70	13.40	13.40	13.40	13.40	13.30	13.10	
4215558.00	14.40	14.20	13.90	13.60	13.60	13.60	13.60	13.50	13.30	
4215538.00	14.70	14.40	14.10	13.80	13.80	13.80	13.80	13.80	13.50	
4215518.00	14.90	14.60	14.30	14.10	14.00	14.00	14.00	13.90	13.70	
4215498.00	15.10	14.80	14.60	14.30	14.20	14.10	14.10	13.90	13.70	
4215478.00	15.30	15.00	14.80	14.50	14.40	14.20	14.10	14.00	13.80	
4215458.00	15.50	15.30	15.00	14.70	14.50	14.30	14.10	14.00	13.90	
4215438.00	15.80	15.50	15.20	14.90	14.70	14.40	14.20	14.00	14.00	

```
  4215418.00 |         16.00        15.70        15.40        15.20        14.90        14.60        14.30
14.10        14.10
  4215398.00 |         16.20        15.90        15.60        15.40        15.10        14.80        14.60
14.40        14.40
  4215378.00 |         16.40        16.10        15.90        15.60        15.30        15.00        14.80
14.60        14.60
  4215358.00 |         16.60        16.40        16.10        15.80        15.50        15.30        15.00
14.80        14.80
  4215338.00 |         16.80        16.60        16.30        16.00        15.80        15.50        15.20
15.00        15.00
  4215318.00 |         17.10        16.80        16.50        16.20        16.00        15.80        15.60
15.40        15.40
  4215298.00 |         17.30        17.00        16.70        16.50        16.30        16.10        16.00
15.90        15.70
  4215278.00 |         17.50        17.20        17.00        16.70        16.60        16.50        16.40
16.30        16.10
  4215258.00 |         17.70        17.40        17.20        16.90        16.80        16.80        16.80
16.70        16.50
  4215238.00 |         17.90        17.70        17.40        17.10        17.10        17.00        17.00
16.90        16.70
  4215218.00 |         18.10        17.90        17.60        17.30        17.20        17.10        17.10
17.00        16.80
  4215198.00 |         18.40        18.10        17.80        17.50        17.40        17.30        17.10
17.00        16.80
  4215178.00 |         18.60        18.30        18.00        17.80        17.60        17.40        17.20
17.00        16.90
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 176
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |         18.80        18.50        18.30        18.00        17.70        17.50        17.20
17.00        17.00
  4215138.00 |         19.00        18.70        18.50        18.20        17.90        17.70        17.40
17.20        17.10
  4215118.00 |         19.20        19.00        18.70        18.40        18.10        17.90        17.60
17.40        17.30
  4215098.00 |         19.50        19.20        18.90        18.60        18.40        18.10        17.80
17.60        17.40
  4215078.00 |         19.70        19.40        19.10        18.90        18.60        18.30        18.00
17.80        17.60
  4215058.00 |         19.90        19.60        19.30        19.10        18.80        18.50        18.30
18.00        17.70
  4215038.00 |         20.10        19.80        19.60        19.30        19.00        18.70        18.50
18.20        17.90
  4215018.00 |         20.30        20.10        19.80        19.50        19.20        19.00        18.70
18.40        18.10
  4214998.00 |         20.50        20.30        20.00        19.70        19.50        19.20        18.90
18.60        18.40
  4214978.00 |         20.80        20.50        20.20        19.90        19.70        19.40        19.10
18.90        18.60
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00	
4215958.00	8.60	8.40	8.30	8.30	8.30	8.30	8.00	7.70	7.50	
4215938.00	8.90	8.60	8.50	8.50	8.50	8.50	8.20	8.00	7.70	
4215918.00	9.10	8.80	8.70	8.70	8.70	8.70	8.40	8.20	7.90	
4215898.00	9.30	9.00	9.00	9.00	9.00	8.90	8.70	8.40	8.10	
4215878.00	9.50	9.20	9.20	9.20	9.20	9.20	8.90	8.60	8.30	
4215858.00	9.60	9.40	9.40	9.40	9.40	9.40	9.10	8.80	8.60	
4215838.00	9.70	9.60	9.60	9.60	9.60	9.60	9.30	9.00	8.80	
4215818.00	9.90	9.80	9.80	9.80	9.80	9.80	9.50	9.30	9.00	
4215798.00	10.00	10.00	10.00	10.00	10.00	10.00	9.70	9.50	9.20	
4215778.00	10.30	10.30	10.20	10.10	10.10	10.00	9.80	9.60	9.40	
4215758.00	10.60	10.50	10.40	10.30	10.10	10.00	9.80	9.70	9.60	
4215738.00	10.90	10.70	10.60	10.40	10.20	10.00	9.90	9.80	9.70	
4215718.00	11.20	11.00	10.70	10.50	10.20	10.00	10.00	9.90	9.90	
4215698.00	11.50	11.20	10.90	10.70	10.40	10.10	10.10	10.10	10.10	
4215678.00	11.70	11.40	11.10	10.90	10.60	10.30	10.30	10.30	10.30	
4215658.00	11.90	11.60	11.40	11.10	10.80	10.60	10.60	10.60	10.60	
4215638.00	12.10	11.90	11.60	11.30	11.00	10.80	10.80	10.80	10.80	
4215618.00	12.30	12.10	11.80	11.50	11.30	11.00	11.00	11.00	11.00	
4215598.00	12.60	12.30	12.00	11.70	11.50	11.20	11.20	11.20	11.20	
4215578.00	12.80	12.50	12.20	12.00	11.70	11.40	11.40	11.40	11.40	
4215558.00	13.00	12.70	12.50	12.20	11.90	11.60	11.60	11.60	11.60	
4215538.00	13.20	12.90	12.70	12.40	12.10	11.90	11.90	11.90	11.90	
4215518.00	13.40	13.20	12.90	12.60	12.30	12.10	12.10	12.10	12.10	
4215498.00	13.50	13.30	13.10	12.80	12.60	12.30	12.30	12.30	12.30	
4215478.00	13.70	13.50	13.30	13.00	12.80	12.50	12.50	12.50	12.50	
4215458.00	13.80	13.70	13.50	13.30	13.00	12.70	12.70	12.70	12.70	
4215438.00	14.00	13.90	13.80	13.50	13.20	12.90	12.90	12.90	12.90	
4215418.00	14.10	14.10	14.00	13.70	13.40	13.20	13.20	13.20	13.20	

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	7.30	7.30	7.30	7.30	7.10	6.80	6.60	6.30	6.30
4215938.00	7.50	7.50	7.50	7.50	7.30	7.00	6.80	6.50	6.50
4215918.00	7.70	7.70	7.70	7.80	7.50	7.30	7.00	6.80	6.80
4215898.00	8.00	8.00	8.00	8.00	7.80	7.50	7.20	7.00	7.00
4215878.00	8.20	8.10	8.10	8.00	7.80	7.60	7.40	7.20	7.10
4215858.00	8.30	8.20	8.10	8.00	7.90	7.70	7.50	7.40	7.30
4215838.00	8.50	8.40	8.20	8.00	7.90	7.80	7.70	7.60	7.40
4215818.00	8.70	8.50	8.30	8.10	8.00	7.90	7.90	7.80	7.60
4215798.00	8.90	8.70	8.40	8.10	8.00	8.10	8.10	8.00	7.70
4215778.00	9.10	8.90	8.60	8.30	8.30	8.30	8.30	8.20	8.00
4215758.00	9.40	9.10	8.80	8.50	8.50	8.50	8.50	8.50	8.20
4215738.00	9.60	9.30	9.00	8.80	8.70	8.70	8.70	8.70	8.40
4215718.00	9.80	9.50	9.30	9.00	8.90	8.90	8.90	8.90	8.60
4215698.00	10.00	9.70	9.50	9.20	9.10	9.10	9.00	9.00	8.70
4215678.00	10.20	10.00	9.70	9.40	9.30	9.20	9.10	9.00	8.80
4215658.00	10.50	10.20	9.90	9.60	9.50	9.30	9.10	9.00	8.90
4215638.00	10.70	10.40	10.10	9.90	9.60	9.40	9.20	9.00	8.90
4215618.00	10.90	10.60	10.30	10.10	9.80	9.50	9.30	9.00	9.00
4215598.00	11.10	10.80	10.60	10.30	10.00	9.70	9.50	9.20	9.20
4215578.00	11.30	11.10	10.80	10.50	10.20	10.00	9.70	9.40	9.40
4215558.00	11.50	11.30	11.00	10.70	10.50	10.20	9.90	9.60	9.60
4215538.00	11.80	11.50	11.20	10.90	10.70	10.40	10.10	9.90	9.90
4215518.00	12.00	11.70	11.40	11.20	10.90	10.60	10.30	10.10	10.10
4215498.00	12.20	11.90	11.70	11.40	11.10	10.80	10.60	10.30	10.20
4215478.00	12.40	12.10	11.90	11.60	11.30	11.00	10.80	10.50	10.40
4215458.00	12.60	12.40	12.10	11.80	11.50	11.30	11.00	10.70	10.50
4215438.00	12.80	12.60	12.30	12.00	11.80	11.50	11.20	10.90	10.70
4215418.00	13.10	12.80	12.50	12.20	12.00	11.70	11.40	11.20	10.90
4215398.00	13.30	13.00	12.70	12.50	12.20	11.90	11.60	11.40	11.10

  4215378.00 | 13.50   13.20   13.00   12.70   12.40   12.10   11.90
11.60   11.30
  4215358.00 | 13.70   13.40   13.20   12.90   12.60   12.40   12.10
11.80   11.50
  4215338.00 | 13.90   13.60   13.40   13.10   12.80   12.60   12.30
12.00   11.70
  4215318.00 | 13.90   13.70   13.50   13.30   13.00   12.70   12.30
12.00   11.80
  4215298.00 | 14.00   13.80   13.70   13.50   13.20   12.80   12.40
12.00   11.90
  4215278.00 | 14.00   13.90   13.80   13.70   13.40   12.90   12.50
12.00   11.90
  4215258.00 | 14.00   14.00   13.90   13.90   13.60   13.00   12.50
12.00   12.00
  4215238.00 | 14.10   14.10   14.00   14.00   13.70   13.20   12.60
12.10   12.10
  4215218.00 | 14.30   14.20   14.10   14.00   13.70   13.30   12.80
12.30   12.30
  4215198.00 | 14.50   14.30   14.20   14.10   13.80   13.40   13.00
12.60   12.50
  4215178.00 | 14.70   14.50   14.30   14.10   13.80   13.50   13.10
12.80   12.80

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * ELEVATION HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 14.90   14.60   14.40   14.10   13.80   13.50   13.30
13.00   13.00
  4215138.00 | 15.10   14.80   14.50   14.10   13.90   13.60   13.40
13.20   13.10
  4215118.00 | 15.30   14.90   14.50   14.20   13.90   13.70   13.60
13.40   13.30
  4215098.00 | 15.50   15.10   14.60   14.20   13.90   13.80   13.70
13.60   13.50
  4215078.00 | 15.70   15.20   14.70   14.20   14.00   13.90   13.90
13.80   13.60
  4215058.00 | 15.90   15.30   14.80   14.30   14.10   14.10   14.10
14.10   13.80
  4215038.00 | 15.90   15.40   14.90   14.50   14.30   14.30   14.30
14.30   14.00
  4215018.00 | 15.90   15.50   15.10   14.70   14.50   14.50   14.50
14.50   14.20
  4214998.00 | 15.90   15.60   15.20   14.90   14.70   14.70   14.70
14.70   14.50
  4214978.00 | 15.90   15.60   15.30   15.00   14.90   14.90   14.90
14.90   14.70

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.70	5.50
4215938.00	6.50	6.50	6.50	6.30	6.20	6.00	5.90	5.80	5.60
4215918.00	6.80	6.80	6.70	6.50	6.20	6.00	5.90	5.90	5.80
4215898.00	7.00	7.00	6.80	6.60	6.30	6.00	6.00	6.00	6.00
4215878.00	7.10	7.00	6.90	6.70	6.50	6.20	6.20	6.10	6.00
4215858.00	7.20	7.10	6.90	6.80	6.60	6.40	6.30	6.20	6.10
4215838.00	7.30	7.10	7.00	6.80	6.70	6.60	6.50	6.30	6.10
4215818.00	7.40	7.10	7.00	6.90	6.90	6.90	6.70	6.40	6.20
4215798.00	7.50	7.20	7.10	7.10	7.10	7.10	6.80	6.60	6.30
4215778.00	7.70	7.40	7.30	7.30	7.30	7.30	7.10	6.80	6.50
4215758.00	7.90	7.60	7.50	7.50	7.50	7.50	7.30	7.00	6.70
4215738.00	8.10	7.90	7.70	7.70	7.70	7.70	7.50	7.20	6.90
4215718.00	8.30	8.10	7.90	7.90	7.90	7.90	7.70	7.40	7.20
4215698.00	8.50	8.30	8.10	8.10	8.00	8.00	7.80	7.60	7.30
4215678.00	8.60	8.50	8.30	8.20	8.10	8.00	7.90	7.70	7.50
4215658.00	8.80	8.60	8.50	8.30	8.20	8.00	7.90	7.80	7.70
4215638.00	8.90	8.80	8.70	8.50	8.30	8.10	8.00	7.90	7.80
4215618.00	9.00	9.00	8.90	8.60	8.30	8.10	8.00	8.00	8.00
4215598.00	9.20	9.20	9.10	8.80	8.60	8.30	8.20	8.20	8.20
4215578.00	9.40	9.40	9.30	9.10	8.80	8.50	8.40	8.40	8.40
4215558.00	9.70	9.70	9.50	9.30	9.00	8.70	8.70	8.70	8.70
4215538.00	9.90	9.90	9.80	9.50	9.20	8.90	8.90	8.90	8.90
4215518.00	10.00	10.00	9.90	9.70	9.40	9.20	9.10	9.00	9.00
4215498.00	10.10	10.10	9.90	9.70	9.50	9.40	9.20	9.20	9.10
4215478.00	10.20	10.10	10.00	9.80	9.70	9.60	9.40	9.30	9.10
4215458.00	10.30	10.10	10.00	9.90	9.80	9.80	9.60	9.40	9.20
4215438.00	10.40	10.20	10.00	10.00	10.00	10.00	9.80	9.50	9.20
4215418.00	10.60	10.30	10.10	10.10	10.10	10.00	9.80	9.60	9.40
4215398.00	10.80	10.60	10.30	10.20	10.10	10.00	9.90	9.70	9.50
4215378.00	11.00	10.80	10.50	10.40	10.20	10.00	9.90	9.80	9.70

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  4215358.00 |         11.30        11.00        10.70        10.50        10.30        10.10        10.00
9.90         9.90
  4215338.00 |         11.50        11.20        10.90        10.70        10.40        10.10        10.00
10.00        10.00
  4215318.00 |         11.60        11.40        11.20        10.90        10.60        10.30        10.30
10.30        10.30
  4215298.00 |         11.70        11.60        11.40        11.10        10.80        10.60        10.50
10.50        10.50
  4215278.00 |         11.80        11.70        11.60        11.30        11.00        10.80        10.70
10.70        10.70
  4215258.00 |         11.90        11.90        11.80        11.50        11.30        11.00        10.90
10.90        10.90
  4215238.00 |         12.10        12.10        12.00        11.80        11.50        11.20        11.10
11.10        11.00
  4215218.00 |         12.30        12.30        12.20        12.00        11.70        11.40        11.30
11.20        11.10
  4215198.00 |         12.50        12.50        12.50        12.20        11.90        11.60        11.50
11.30        11.20
  4215178.00 |         12.80        12.80        12.70        12.40        12.10        11.90        11.60
11.40        11.20
```


*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |         13.00        13.00        12.90        12.60        12.40        12.10        11.80
11.50        11.30
  4215138.00 |         13.10        13.00        12.90        12.70        12.50        12.30        12.00
11.80        11.50
  4215118.00 |         13.20        13.10        13.00        12.80        12.60        12.50        12.20
12.00        11.70
  4215098.00 |         13.30        13.10        13.00        12.90        12.80        12.70        12.50
12.20        11.90
  4215078.00 |         13.40        13.20        13.00        12.90        12.90        12.90        12.70
12.40        12.10
  4215058.00 |         13.50        13.30        13.10        13.00        13.00        13.00        12.80
12.60        12.30
  4215038.00 |         13.70        13.50        13.30        13.20        13.10        13.00        12.90
12.70        12.50
  4215018.00 |         14.00        13.70        13.50        13.30        13.20        13.10        12.90
12.80        12.60
  4214998.00 |         14.20        13.90        13.70        13.50        13.30        13.10        13.00
12.90        12.80
  4214978.00 |         14.40        14.10        13.90        13.60        13.40        13.10        13.00
13.00        13.00
```


*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00
539604.00	539624.00						
4215958.00	5.30	5.00	4.70	4.50	4.30	4.20	4.10
4.00	3.80						
4215938.00	5.50	5.20	5.00	4.70	4.50	4.30	4.20
4.00	3.80						
4215918.00	5.70	5.40	5.20	4.90	4.70	4.40	4.20
4.00	3.80						
4215898.00	5.90	5.70	5.40	5.10	4.80	4.60	4.30
4.00	3.80						
4215878.00	6.00	5.70	5.50	5.30	5.10	4.80	4.50
4.20	4.00						
4215858.00	6.00	5.80	5.70	5.50	5.30	5.00	4.70
4.50	4.20						
4215838.00	6.00	5.90	5.80	5.70	5.50	5.20	5.00
4.70	4.40						
4215818.00	6.00	6.00	5.90	5.90	5.70	5.40	5.20
4.90	4.60						
4215798.00	6.10	6.10	6.10	6.10	5.90	5.70	5.40
5.10	4.80						
4215778.00	6.30	6.30	6.30	6.30	6.20	5.90	5.60
5.30	5.10						
4215758.00	6.50	6.50	6.50	6.50	6.40	6.10	5.80
5.60	5.30						
4215738.00	6.70	6.70	6.70	6.70	6.60	6.30	6.00
5.80	5.50						
4215718.00	6.90	6.90	6.90	6.90	6.80	6.50	6.30
6.00	5.70						
4215698.00	7.10	7.10	7.10	7.00	6.90	6.60	6.30
6.10	5.80						
4215678.00	7.40	7.30	7.20	7.10	6.90	6.60	6.30
6.10	5.80						
4215658.00	7.60	7.40	7.20	7.10	6.90	6.60	6.30
6.10	5.80						
4215638.00	7.80	7.60	7.30	7.10	6.90	6.60	6.30
6.10	5.80						
4215618.00	8.00	7.70	7.40	7.20	6.90	6.60	6.30
6.10	5.80						
4215598.00	8.20	7.90	7.70	7.40	7.10	6.80	6.60
6.30	6.00						
4215578.00	8.40	8.10	7.90	7.60	7.30	7.10	6.80
6.50	6.20						
4215558.00	8.60	8.40	8.10	7.80	7.50	7.30	7.00
6.70	6.50						
4215538.00	8.90	8.60	8.30	8.00	7.80	7.50	7.20
6.90	6.70						
4215518.00	9.00	8.70	8.50	8.20	8.00	7.70	7.40
7.20	6.90						
4215498.00	9.00	8.80	8.60	8.40	8.20	7.90	7.70
7.40	7.10						
4215478.00	9.00	8.90	8.70	8.60	8.40	8.10	7.90
7.60	7.30						
4215458.00	9.00	8.90	8.90	8.80	8.60	8.40	8.10
7.80	7.50						
4215438.00	9.00	9.00	9.00	9.00	8.90	8.60	8.30
8.00	7.80						
4215418.00	9.20	9.10	9.10	9.00	8.90	8.70	8.50
8.20	8.00						
4215398.00	9.40	9.30	9.20	9.10	8.90	8.80	8.60
8.40	8.20						
4215378.00	9.60	9.40	9.30	9.10	9.00	8.90	8.70
8.60	8.40						
4215358.00	9.80	9.60	9.40	9.10	9.00	8.90	8.90
8.80	8.60						

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  4215338.00 |         10.00         9.80         9.50         9.20         9.00         9.00         9.00
9.00         8.80
  4215318.00 |         10.20        10.00         9.70         9.40         9.20         9.20         9.10
9.00         8.80
  4215298.00 |         10.50        10.20         9.90         9.60         9.40         9.30         9.20
9.00         8.80
  4215278.00 |         10.70        10.40        10.10         9.90         9.60         9.40         9.20
9.10         8.80
  4215258.00 |         10.90        10.60        10.40        10.10         9.80         9.60         9.30
9.10         8.80
  4215238.00 |         11.00        10.80        10.50        10.30        10.00         9.80         9.50
9.20         8.90
  4215218.00 |         11.00        10.80        10.60        10.50        10.20        10.00         9.70
9.40         9.20
  4215198.00 |         11.00        10.90        10.80        10.60        10.50        10.20         9.90
9.60         9.40
  4215178.00 |         11.00        10.90        10.90        10.80        10.70        10.40        10.10
9.90         9.60
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 184
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |         11.00        11.00        11.00        11.00        10.90        10.60        10.40
10.10         9.80
  4215138.00 |         11.20        11.10        11.10        11.00        10.90        10.60        10.40
10.10         9.80
  4215118.00 |         11.40        11.30        11.20        11.10        10.90        10.60        10.40
10.10         9.80
  4215098.00 |         11.60        11.50        11.30        11.10        10.90        10.60        10.40
10.10         9.80
  4215078.00 |         11.90        11.60        11.40        11.20        10.90        10.60        10.40
10.10         9.80
  4215058.00 |         12.10        11.80        11.50        11.30        11.00        10.70        10.40
10.20         9.90
  4215038.00 |         12.30        12.00        11.70        11.50        11.20        10.90        10.70
10.40        10.10
  4215018.00 |         12.50        12.20        12.00        11.70        11.40        11.10        10.90
10.60        10.30
  4214998.00 |         12.70        12.50        12.20        11.90        11.60        11.40        11.10
10.80        10.50
  4214978.00 |         12.90        12.70        12.40        12.10        11.90        11.60        11.30
11.00        10.80
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 185
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
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(METERS)	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	3.50	3.20	3.00	2.80	2.60
4215938.00	3.50	3.20	3.00	2.90	2.70
4215918.00	3.50	3.20	3.00	2.90	2.90
4215898.00	3.50	3.20	3.00	3.00	3.00
4215878.00	3.70	3.40	3.20	3.10	3.10
4215858.00	3.90	3.60	3.40	3.30	3.20
4215838.00	4.10	3.90	3.60	3.40	3.30
4215818.00	4.40	4.10	3.80	3.60	3.30
4215798.00	4.60	4.30	4.00	3.80	3.50
4215778.00	4.80	4.50	4.20	4.00	3.70
4215758.00	5.00	4.70	4.50	4.20	3.90
4215738.00	5.20	5.00	4.70	4.40	4.10
4215718.00	5.40	5.20	4.90	4.60	4.40
4215698.00	5.50	5.20	5.00	4.70	4.50
4215678.00	5.50	5.20	5.00	4.80	4.60
4215658.00	5.50	5.20	5.00	4.90	4.80
4215638.00	5.50	5.20	5.00	4.90	4.90
4215618.00	5.50	5.30	5.00	5.00	5.00
4215598.00	5.70	5.50	5.20	5.20	5.20
4215578.00	6.00	5.70	5.50	5.50	5.50
4215558.00	6.20	5.90	5.70	5.70	5.70
4215538.00	6.40	6.10	5.90	5.90	5.90
4215518.00	6.60	6.30	6.10	6.10	6.00
4215498.00	6.80	6.60	6.30	6.20	6.10
4215478.00	7.10	6.80	6.50	6.40	6.20
4215458.00	7.30	7.00	6.70	6.50	6.30
4215438.00	7.50	7.20	6.90	6.70	6.40
4215418.00	7.70	7.40	7.20	6.90	6.60
4215398.00	7.90	7.60	7.40	7.10	6.80
4215378.00	8.10	7.90	7.60	7.30	7.00
4215358.00	8.40	8.10	7.80	7.50	7.30
4215338.00	8.50	8.30	8.00	7.70	7.40
4215318.00	8.50	8.30	8.00	7.70	7.40
4215298.00	8.50	8.30	8.00	7.70	7.40
4215278.00	8.50	8.30	8.00	7.70	7.40
4215258.00	8.50	8.30	8.00	7.70	7.40
4215238.00	8.70	8.40	8.10	7.80	7.60
4215218.00	8.90	8.60	8.30	8.10	7.80
4215198.00	9.10	8.80	8.60	8.30	8.00
4215178.00	9.30	9.00	8.80	8.50	8.20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	9.50	9.30	9.00	8.70	8.40
4215138.00	9.50	9.30	9.00	8.80	8.60
4215118.00	9.50	9.30	9.00	8.80	8.70
4215098.00	9.50	9.30	9.00	8.90	8.80
4215078.00	9.50	9.30	9.00	9.00	8.90
4215058.00	9.60	9.30	9.10	9.10	9.00
4215038.00	9.80	9.60	9.30	9.20	9.10
4215018.00	10.10	9.80	9.50	9.40	9.20

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215958.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215938.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215918.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215898.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215878.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215858.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215838.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215818.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215798.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215778.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215758.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215738.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215718.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215698.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215678.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215658.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215638.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215618.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215598.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215578.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215558.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215538.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215518.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215498.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215478.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00

567.00 567.00
4215458.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215438.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215418.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215398.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215378.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215358.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215338.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215318.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215218.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215198.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215178.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 538744.00 538764.00 538784.00 538804.00 538824.00 538844.00 538864.00
538884.00 538904.00
- -
- - - - - - - -

4215158.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215138.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215118.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215098.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215078.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215058.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215038.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215018.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4214998.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4214978.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215938.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215918.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215898.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215878.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215858.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215838.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215818.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215798.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215778.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215758.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215738.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215718.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215698.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215678.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215658.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215638.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

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4215438.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215418.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215398.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215378.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215358.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215338.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215318.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215218.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215198.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215178.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 538924.00 538944.00 538964.00 538984.00 539004.00 539024.00 539044.00
539064.00 539084.00
- -
- - - - - - - -

4215158.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215138.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215118.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215098.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215078.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215058.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215038.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215018.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4214998.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4214978.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	567.00	567.00	567.00	7.30	7.10	6.80	6.60	6.30	6.30
4215938.00	567.00	567.00	567.00	567.00	7.30	7.00	6.80	6.50	6.50
4215918.00	567.00	567.00	567.00	567.00	567.00	7.30	7.00	6.80	6.80
4215898.00	567.00	567.00	567.00	567.00	567.00	7.50	7.20	7.00	7.00
4215878.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40	7.20	7.10
4215858.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40	7.30
4215838.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40
4215818.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.60
4215798.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215778.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215758.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215738.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215718.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215698.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215678.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215658.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215638.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

								567.00	567.00
4215418.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215398.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215378.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215358.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215338.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215318.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.70	5.50
4215938.00	6.50	6.50	6.50	6.30	6.20	6.00	5.90	5.80	5.60
4215918.00	6.80	6.80	6.70	6.50	6.20	6.00	5.90	5.90	5.80
4215898.00	7.00	7.00	6.80	6.60	6.30	6.00	6.00	6.00	6.00
4215878.00	7.10	7.00	6.90	6.70	6.50	6.20	6.20	6.10	6.00
4215858.00	7.20	7.10	6.90	6.80	6.60	6.40	6.30	6.20	6.10
4215838.00	7.30	7.10	7.00	6.80	6.70	6.60	6.50	6.30	6.10
4215818.00	7.40	7.10	7.00	6.90	6.90	6.90	6.70	6.40	6.20
4215798.00	7.50	7.20	7.10	7.10	7.10	7.10	6.80	6.60	6.30
4215778.00	567.00	7.40	7.30	7.30	7.30	7.30	7.10	6.80	6.50
4215758.00	567.00	7.60	7.50	7.50	7.50	7.50	7.30	7.00	6.70
4215738.00	567.00	567.00	7.70	7.70	7.70	7.70	7.50	7.20	6.90
4215718.00	567.00	567.00	567.00	7.90	7.90	7.90	7.70	7.40	7.20
4215698.00	567.00	567.00	567.00	8.10	8.00	8.00	7.80	7.60	7.30
4215678.00	567.00	567.00	567.00	567.00	8.10	8.00	7.90	7.70	7.50
4215658.00	567.00	567.00	567.00	567.00	8.20	8.00	7.90	7.80	7.70
4215638.00	567.00	567.00	567.00	567.00	567.00	8.10	8.00	7.90	7.80
4215618.00	567.00	567.00	567.00	567.00	567.00	567.00	8.00	8.00	8.00
4215598.00	567.00	567.00	567.00	567.00	567.00	567.00	8.20	8.20	8.20
4215578.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.40	8.40
4215558.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.70	8.70
4215538.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	8.90
4215518.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215498.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215478.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215458.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215438.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215418.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

								567.00	567.00
4215398.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215378.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215358.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215338.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215318.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215298.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215278.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215258.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215238.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215218.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215198.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215178.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00
539604.00	539624.00						
4215958.00	5.30	5.00	4.70	4.50	4.30	4.20	4.10
4.00	3.80						
4215938.00	5.50	5.20	5.00	4.70	4.50	4.30	4.20
4.00	3.80						
4215918.00	5.70	5.40	5.20	4.90	4.70	4.40	4.20
4.00	3.80						
4215898.00	5.90	5.70	5.40	5.10	4.80	4.60	4.30
4.00	3.80						
4215878.00	6.00	5.70	5.50	5.30	5.10	4.80	4.50
4.20	4.00						
4215858.00	6.00	5.80	5.70	5.50	5.30	5.00	4.70
4.50	4.20						
4215838.00	6.00	5.90	5.80	5.70	5.50	5.20	5.00
4.70	4.40						
4215818.00	6.00	6.00	5.90	5.90	5.70	5.40	5.20
4.90	4.60						
4215798.00	6.10	6.10	6.10	6.10	5.90	5.70	5.40
5.10	4.80						
4215778.00	6.30	6.30	6.30	6.30	6.20	5.90	5.60
5.30	5.10						
4215758.00	6.50	6.50	6.50	6.50	6.40	6.10	5.80
5.60	5.30						
4215738.00	6.70	6.70	6.70	6.70	6.60	6.30	6.00
5.80	5.50						
4215718.00	6.90	6.90	6.90	6.90	6.80	6.50	6.30
6.00	5.70						
4215698.00	7.10	7.10	7.10	7.00	6.90	6.60	6.30
6.10	5.80						
4215678.00	7.40	7.30	7.20	7.10	6.90	6.60	6.30
6.10	5.80						
4215658.00	7.60	7.40	7.20	7.10	6.90	6.60	6.30
6.10	5.80						
4215638.00	7.80	7.60	7.30	7.10	6.90	6.60	6.30
6.10	5.80						
4215618.00	8.00	7.70	7.40	7.20	6.90	6.60	6.30
6.10	5.80						
4215598.00	8.20	7.90	7.70	7.40	7.10	6.80	6.60
6.30	6.00						
4215578.00	8.40	8.10	7.90	7.60	7.30	7.10	6.80
6.50	6.20						
4215558.00	8.60	8.40	8.10	7.80	7.50	7.30	7.00
6.70	6.50						
4215538.00	8.90	8.60	8.30	8.00	7.80	7.50	7.20
6.90	6.70						
4215518.00	9.00	8.70	8.50	8.20	8.00	7.70	7.40
7.20	6.90						
4215498.00	9.00	8.80	8.60	8.40	8.20	7.90	7.70
7.40	7.10						
4215478.00	567.00	8.90	8.70	8.60	8.40	8.10	7.90
7.60	7.30						
4215458.00	567.00	8.90	8.90	8.80	8.60	8.40	8.10
7.80	7.50						
4215438.00	567.00	567.00	9.00	9.00	8.90	8.60	8.30
8.00	7.80						
4215418.00	567.00	567.00	567.00	9.00	8.90	8.70	8.50
8.20	8.00						
4215398.00	567.00	567.00	567.00	9.10	8.90	8.80	8.60

8.40 8.20
4215378.00 | 567.00 567.00 567.00 567.00 9.00 8.90 8.70
8.60 8.40
4215358.00 | 567.00 567.00 567.00 567.00 9.00 8.90 8.90
8.80 8.60
4215338.00 | 567.00 567.00 567.00 567.00 567.00 9.00 9.00
9.00 8.80
4215318.00 | 567.00 567.00 567.00 567.00 567.00 9.20 9.10
9.00 8.80
4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 9.20
9.00 8.80
4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
9.10 8.80
4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
9.10 8.80
4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 8.90
4215218.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 119.00
4215198.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215178.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00
539604.00	539624.00						
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	3.50	3.20	3.00	2.80	2.60
4215938.00	3.50	3.20	3.00	2.90	2.70
4215918.00	3.50	3.20	3.00	2.90	2.90
4215898.00	3.50	3.20	3.00	3.00	3.00
4215878.00	3.70	3.40	3.20	3.10	3.10
4215858.00	3.90	3.60	3.40	3.30	3.20
4215838.00	4.10	3.90	3.60	3.40	3.30
4215818.00	4.40	4.10	3.80	3.60	3.30
4215798.00	4.60	4.30	4.00	3.80	3.50
4215778.00	4.80	4.50	4.20	4.00	3.70
4215758.00	5.00	4.70	4.50	4.20	3.90
4215738.00	5.20	5.00	4.70	4.40	4.10
4215718.00	5.40	5.20	4.90	4.60	4.40
4215698.00	5.50	5.20	5.00	4.70	4.50
4215678.00	5.50	5.20	5.00	4.80	4.60
4215658.00	5.50	5.20	5.00	4.90	4.80
4215638.00	5.50	5.20	5.00	4.90	4.90
4215618.00	5.50	5.30	5.00	5.00	5.00
4215598.00	5.70	5.50	5.20	5.20	5.20
4215578.00	6.00	5.70	5.50	5.50	5.50
4215558.00	6.20	5.90	5.70	5.70	5.70
4215538.00	6.40	6.10	5.90	5.90	5.90
4215518.00	6.60	6.30	6.10	6.10	6.00
4215498.00	6.80	6.60	6.30	6.20	6.10
4215478.00	7.10	6.80	6.50	6.40	6.20
4215458.00	7.30	7.00	6.70	6.50	6.30
4215438.00	7.50	7.20	6.90	6.70	6.40
4215418.00	7.70	7.40	7.20	6.90	6.60
4215398.00	7.90	7.60	7.40	7.10	6.80
4215378.00	8.10	7.90	7.60	7.30	7.00
4215358.00	8.40	8.10	7.80	7.50	7.30
4215338.00	8.50	8.30	8.00	7.70	7.40
4215318.00	8.50	8.30	8.00	7.70	7.40
4215298.00	8.50	8.30	8.00	7.70	7.40
4215278.00	8.50	8.30	8.00	7.70	7.40
4215258.00	8.50	8.30	8.00	7.70	7.40
4215238.00	8.70	8.40	8.10	7.80	7.60
4215218.00	119.00	119.00	8.30	8.10	7.80
4215198.00	119.00	119.00	119.00	119.00	8.00
4215178.00	119.00	119.00	119.00	119.00	119.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	567.00	119.00	119.00	119.00	119.00
4215138.00	567.00	548.00	119.00	119.00	119.00
4215118.00	567.00	567.00	119.00	119.00	119.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215518.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215498.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215478.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
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  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00
539064.00	539084.00						
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

  4215498.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215478.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
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  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215478.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
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  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215458.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                              *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

  4215438.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215418.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215398.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215378.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215358.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215338.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215318.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215298.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215278.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215258.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215238.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215218.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215198.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215178.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215138.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215118.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215098.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215078.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215058.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215038.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215018.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214998.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4214978.00 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50
4215458.00	1.50	1.50	1.50	1.50	1.50
4215438.00	1.50	1.50	1.50	1.50	1.50
4215418.00	1.50	1.50	1.50	1.50	1.50
4215398.00	1.50	1.50	1.50	1.50	1.50
4215378.00	1.50	1.50	1.50	1.50	1.50
4215358.00	1.50	1.50	1.50	1.50	1.50
4215338.00	1.50	1.50	1.50	1.50	1.50
4215318.00	1.50	1.50	1.50	1.50	1.50
4215298.00	1.50	1.50	1.50	1.50	1.50
4215278.00	1.50	1.50	1.50	1.50	1.50
4215258.00	1.50	1.50	1.50	1.50	1.50
4215238.00	1.50	1.50	1.50	1.50	1.50
4215218.00	1.50	1.50	1.50	1.50	1.50
4215198.00	1.50	1.50	1.50	1.50	1.50
4215178.00	1.50	1.50	1.50	1.50	1.50

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00

4215158.00	1.50	1.50	1.50	1.50	1.50
4215138.00	1.50	1.50	1.50	1.50	1.50
4215118.00	1.50	1.50	1.50	1.50	1.50
4215098.00	1.50	1.50	1.50	1.50	1.50
4215078.00	1.50	1.50	1.50	1.50	1.50
4215058.00	1.50	1.50	1.50	1.50	1.50
4215038.00	1.50	1.50	1.50	1.50	1.50
4215018.00	1.50	1.50	1.50	1.50	1.50
4214998.00	1.50	1.50	1.50	1.50	1.50
4214978.00	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539341.8, 4215428.7, 10.0, 567.0, 1.5); (539351.8, 4215428.7, 10.0, 567.0, 1.5);
(539361.8, 4215428.7, 10.0, 567.0, 1.5); (539371.8, 4215428.7, 10.0, 567.0, 1.5);
(539381.8, 4215428.7, 10.0, 567.0, 1.5); (539341.8, 4215438.7, 10.0, 567.0, 1.5);
(539351.8, 4215438.7, 10.0, 567.0, 1.5); (539361.8, 4215438.7, 10.0, 567.0, 1.5);
(539371.8, 4215438.7, 10.0, 567.0, 1.5); (539381.8, 4215438.7, 10.0, 567.0, 1.5);
(539341.8, 4215448.7, 9.9, 567.0, 1.5); (539351.8, 4215448.7, 9.9, 567.0, 1.5);
(539361.8, 4215448.7, 9.9, 567.0, 1.5); (539371.8, 4215448.7, 9.9, 567.0, 1.5);
(539381.8, 4215448.7, 9.9, 567.0, 1.5); (539341.8, 4215458.7, 9.9, 567.0, 1.5);
(539351.8, 4215458.7, 9.9, 567.0, 1.5); (539361.8, 4215458.7, 9.8, 567.0, 1.5);
(539371.8, 4215458.7, 9.8, 567.0, 1.5); (539381.8, 4215458.7, 9.8, 567.0, 1.5);
(539341.8, 4215468.7, 9.9, 567.0, 1.5); (539351.8, 4215468.7, 9.8, 567.0, 1.5);
(539361.8, 4215468.7, 9.8, 567.0, 1.5); (539371.8, 4215468.7, 9.7, 567.0, 1.5);
(539381.8, 4215468.7, 9.7, 567.0, 1.5); (539113.9, 4215517.5, 11.9, 567.0, 1.5);
(539096.5, 4215516.0, 12.1, 567.0, 1.5); (539108.3, 4215501.2, 12.1, 567.0, 1.5);
(539096.0, 4215500.7, 12.3, 567.0, 1.5); (539108.3, 4215486.4, 12.3, 567.0, 1.5);
(539094.5, 4215485.4, 12.4, 567.0, 1.5); (539135.3, 4215461.4, 12.2, 567.0, 1.5);
(539150.1, 4215439.9, 12.2, 567.0, 1.5); (539114.4, 4215452.7, 12.6, 567.0, 1.5);
(539123.1, 4215439.4, 12.6, 567.0, 1.5); (539159.3, 4215421.0, 12.3, 567.0, 1.5);
(539145.0, 4215416.4, 12.5, 567.0, 1.5); (539134.3, 4215410.8, 12.7, 567.0, 1.5);
(539131.8, 4215425.1, 12.6, 567.0, 1.5); (539206.8, 4215383.8, 12.0, 567.0, 1.5);
(539216.0, 4215372.5, 12.0, 567.0, 1.5); (539188.9, 4215382.2, 12.3, 567.0, 1.5);
(539176.2, 4215379.7, 12.5, 567.0, 1.5); (539165.4, 4215376.1, 12.7, 567.0, 1.5);
(539248.8, 4215356.7, 11.8, 567.0, 1.5); (539243.5, 4215348.5, 11.9, 567.0,

1.5);
(539265.6, 4215345.2, 11.7, 567.0, 1.5); (539260.8, 4215338.0, 11.8, 567.0,
1.5);
(539256.2, 4215351.4, 11.7, 567.0, 1.5); (539272.8, 4215331.9, 11.6, 567.0,
1.5);
(539264.8, 4215325.0, 11.8, 567.0, 1.5); (539280.8, 4215321.8, 11.6, 567.0,
1.5);
(539280.0, 4215307.1, 11.7, 567.0, 1.5); (539288.0, 4215313.8, 11.6, 567.0,
1.5);
(539297.8, 4215304.7, 11.6, 567.0, 1.5); (539289.6, 4215296.2, 11.7, 567.0,
1.5);
(539311.2, 4215287.7, 11.6, 567.0, 1.5); (539303.7, 4215281.3, 11.7, 567.0,
1.5);
(539303.7, 4215296.2, 11.6, 567.0, 1.5); (539314.2, 4215271.8, 11.8, 567.0,
1.5);
(539329.1, 4215260.5, 11.7, 567.0, 1.5); (539339.7, 4215237.2, 11.8, 567.0,
1.5);
(539357.4, 4215232.9, 11.6, 567.0, 1.5); (539394.1, 4215199.7, 11.5, 567.0,
1.5);
(539045.0, 4215579.2, 11.4, 567.0, 1.5); (539034.4, 4215591.9, 11.3, 567.0,
1.5);
(539054.9, 4215556.6, 11.7, 567.0, 1.5); (539058.4, 4215538.9, 11.8, 567.0,
1.5);
(539054.9, 4215520.5, 12.0, 567.0, 1.5); (539082.4, 4215477.4, 12.5, 567.0,
1.5);
(539074.0, 4215466.1, 12.6, 567.0, 1.5); (539098.7, 4215440.7, 12.9, 567.0,
1.5);
(539109.3, 4215426.6, 12.9, 567.0, 1.5); (539117.1, 4215416.0, 12.9, 567.0,
1.5);
(539125.6, 4215401.1, 13.0, 567.0, 1.5); (539158.8, 4215367.2, 12.9, 567.0,
1.5);
(539150.3, 4215357.3, 13.1, 567.0, 1.5); (539184.2, 4215339.6, 12.8, 567.0,
1.5);
(539222.4, 4215324.8, 12.4, 567.0, 1.5); (539243.6, 4215317.7, 12.0, 567.0,
1.5);
(539371.5, 4215194.0, 11.9, 567.0, 1.5); (539364.4, 4215191.9, 12.0, 567.0,
1.5);
(539344.6, 4215200.4, 12.2, 567.0, 1.5); (539409.7, 4215113.5, 12.2, 567.0,
1.5);
(539355.9, 4215136.8, 12.6, 567.0, 1.5); (539262.7, 4215288.8, 11.9, 567.0,
1.5);
(539282.4, 4215261.2, 11.9, 567.0, 1.5); (539299.4, 4215235.0, 12.1, 567.0,
1.5);
(538948.9, 4216164.2, 7.0, 567.0, 1.5); (539351.6, 4215795.9, 7.1, 7.1,
1.5);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539171.4, 4215646.3, 9.7, 567.0, 1.5); (539359.0, 4215583.0, 8.8, 567.0,
1.5);
(539293.8, 4215538.6, 9.9, 567.0, 1.5); (539260.8, 4215517.0, 10.1, 567.0,
1.5);
(539279.4, 4215503.6, 10.1, 567.0, 1.5); (539292.2, 4215495.5, 10.1, 567.0,
1.5);
(539319.0, 4215487.2, 10.0, 567.0, 1.5); (539337.1, 4215482.8, 9.9, 567.0,
1.5);
(539356.1, 4215482.0, 9.7, 567.0, 1.5); (539369.9, 4215483.0, 9.6, 567.0,
1.5);
(539384.7, 4215486.6, 9.5, 567.0, 1.5); (539391.5, 4215490.9, 9.4, 567.0,
1.5);

(539342.7, 4215571.9, 9.1, 567.0, 1.5); (539326.4, 4215560.8, 9.5, 567.0, 1.5);
(539310.1, 4215549.7, 9.7, 567.0, 1.5); (539277.3, 4215527.8, 10.0, 567.0, 1.5);
(539270.1, 4215510.3, 10.1, 567.0, 1.5); (539305.6, 4215491.4, 10.1, 567.0, 1.5);
(539385.0, 4215509.3, 9.2, 567.0, 1.5); (539378.5, 4215527.8, 9.1, 567.0, 1.5);
(539372.0, 4215546.2, 9.0, 567.0, 1.5); (539365.5, 4215564.6, 8.9, 567.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	RECEPTOR LOCATION XR (METERS)	RECEPTOR LOCATION YR (METERS)	DISTANCE (METERS)
L0001409	539264.0	4215938.0	-1.75
L0001409	539244.0	4215958.0	-13.48
L0001409	539264.0	4215958.0	-20.57
L0001409	539284.0	4215958.0	-3.44
L0001410	539264.0	4215918.0	-4.45
L0001410	539284.0	4215918.0	-5.56
L0001410	539264.0	4215938.0	-18.25
L0001410	539284.0	4215938.0	-20.92
L0001410	539304.0	4215938.0	-1.24
L0001410	539264.0	4215958.0	-9.41
L0001410	539284.0	4215958.0	-10.81
L0001411	539284.0	4215898.0	-10.21
L0001411	539304.0	4215898.0	-8.46
L0001411	539264.0	4215918.0	-1.73
L0001411	539284.0	4215918.0	-21.56
L0001411	539304.0	4215918.0	-18.01
L0001411	539284.0	4215938.0	-6.52
L0001411	539304.0	4215938.0	-5.03
L0001412	539284.0	4215878.0	-1.76
L0001412	539304.0	4215878.0	-15.93
L0001412	539324.0	4215878.0	-10.04
L0001412	539284.0	4215898.0	-4.09
L0001412	539304.0	4215898.0	-21.52
L0001412	539324.0	4215898.0	-13.49
L0001412	539304.0	4215918.0	-2.68
L0001412	539324.0	4215918.0	0.77
L0001413	539324.0	4215838.0	-1.65
L0001413	539304.0	4215858.0	-6.69
L0001413	539324.0	4215858.0	-21.51
L0001413	539344.0	4215858.0	-9.98
L0001413	539304.0	4215878.0	-5.26
L0001413	539324.0	4215878.0	-18.15
L0001413	539344.0	4215878.0	-8.33
L0001414	539324.0	4215818.0	-0.09
L0001414	539344.0	4215818.0	-6.52
L0001414	539324.0	4215838.0	-11.10
L0001414	539344.0	4215838.0	-26.28
L0001414	539364.0	4215838.0	-8.30
L0001414	539324.0	4215858.0	-5.10
L0001414	539344.0	4215858.0	-13.36

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001414	539364.0	4215858.0	-2.91
L0001415	539344.0	4215798.0	-5.88
L0001415	539364.0	4215798.0	-10.85
L0001415	539384.0	4215798.0	0.85
L0001415	539344.0	4215818.0	-14.55
L0001415	539364.0	4215818.0	-25.15
L0001415	539384.0	4215818.0	-5.32
L0001415	539344.0	4215838.0	-3.62
L0001415	539364.0	4215838.0	-8.07
L0001415	539351.6	4215795.9	-7.96
L0001416	539364.0	4215778.0	-11.65
L0001416	539384.0	4215778.0	-14.20
L0001416	539364.0	4215798.0	-16.30
L0001416	539384.0	4215798.0	-19.95
L0001416	539404.0	4215798.0	-1.46
L0001416	539364.0	4215818.0	-1.03
L0001416	539384.0	4215818.0	-2.57
L0001416	539351.6	4215795.9	-5.10
L0001417	539384.0	4215738.0	0.23
L0001417	539404.0	4215738.0	0.90
L0001417	539364.0	4215758.0	0.30
L0001417	539384.0	4215758.0	-17.39
L0001417	539404.0	4215758.0	-15.84
L0001417	539384.0	4215778.0	-15.69
L0001417	539404.0	4215778.0	-14.31
L0001418	539404.0	4215718.0	-5.31
L0001418	539424.0	4215718.0	-2.08
L0001418	539384.0	4215738.0	-3.92
L0001418	539404.0	4215738.0	-22.98
L0001418	539424.0	4215738.0	-15.20
L0001418	539384.0	4215758.0	0.33
L0001418	539404.0	4215758.0	-12.99
L0001418	539424.0	4215758.0	-8.58
L0001419	539404.0	4215698.0	-0.40
L0001419	539424.0	4215698.0	-10.68
L0001419	539444.0	4215698.0	-4.09
L0001419	539404.0	4215718.0	-7.42
L0001419	539424.0	4215718.0	-27.29
L0001419	539444.0	4215718.0	-12.53
L0001419	539404.0	4215738.0	0.73

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)

L0001419	539424.0	4215738.0	-8.98
L0001419	539444.0	4215738.0	-2.81
L0001420	539424.0	4215678.0	-5.94
L0001420	539444.0	4215678.0	-15.69
L0001420	539464.0	4215678.0	-4.89
L0001420	539424.0	4215698.0	-9.81
L0001420	539444.0	4215698.0	-24.24
L0001420	539464.0	4215698.0	-8.57
L0001420	539444.0	4215718.0	-4.27
L0001421	539464.0	4215638.0	-0.31
L0001421	539444.0	4215658.0	-11.29
L0001421	539464.0	4215658.0	-19.81
L0001421	539484.0	4215658.0	-4.35
L0001421	539444.0	4215678.0	-10.69
L0001421	539464.0	4215678.0	-18.74
L0001421	539484.0	4215678.0	-3.91
L0001421	539464.0	4215698.0	0.82
L0001422	539464.0	4215618.0	-2.22
L0001422	539484.0	4215618.0	-4.43
L0001422	539464.0	4215638.0	-16.26
L0001422	539484.0	4215638.0	-21.59
L0001422	539504.0	4215638.0	-2.56
L0001422	539464.0	4215658.0	-9.85
L0001422	539484.0	4215658.0	-13.03
L0001423	539484.0	4215598.0	-8.00
L0001423	539504.0	4215598.0	-7.77
L0001423	539464.0	4215618.0	-0.25
L0001423	539484.0	4215618.0	-20.24
L0001423	539504.0	4215618.0	-19.73
L0001423	539524.0	4215618.0	0.26
L0001423	539484.0	4215638.0	-7.49
L0001423	539504.0	4215638.0	-7.26
L0001424	539484.0	4215578.0	0.42
L0001424	539504.0	4215578.0	-13.76
L0001424	539524.0	4215578.0	-9.94
L0001424	539484.0	4215598.0	-2.96
L0001424	539504.0	4215598.0	-21.67
L0001424	539524.0	4215598.0	-15.58
L0001424	539504.0	4215618.0	-4.01
L0001424	539524.0	4215618.0	-1.48

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001425	539524.0	4215538.0	0.19
L0001425	539504.0	4215558.0	-4.60
L0001425	539524.0	4215558.0	-19.45
L0001425	539544.0	4215558.0	-10.56
L0001425	539504.0	4215578.0	-4.60
L0001425	539524.0	4215578.0	-19.45
L0001425	539544.0	4215578.0	-10.56
L0001425	539524.0	4215598.0	0.19
L0001426	539504.0	4215538.0	-15.72
L0001426	539524.0	4215538.0	-15.20
L0001426	539504.0	4215558.0	-16.50
L0001426	539524.0	4215558.0	-15.95
L0001427	539464.0	4215518.0	-1.56

L0001427	539484.0	4215518.0	-15.99
L0001427	539504.0	4215518.0	-10.41
L0001427	539464.0	4215538.0	-3.72
L0001427	539484.0	4215538.0	-21.17
L0001427	539504.0	4215538.0	-13.71
L0001427	539484.0	4215558.0	-2.43
L0001427	539504.0	4215558.0	0.78
L0001428	539444.0	4215498.0	-3.90
L0001428	539464.0	4215498.0	-13.58
L0001428	539484.0	4215498.0	-4.35
L0001428	539444.0	4215518.0	-9.38
L0001428	539464.0	4215518.0	-26.39
L0001428	539484.0	4215518.0	-9.96
L0001428	539464.0	4215538.0	-6.40
L0001428	539484.0	4215538.0	0.75
L0001429	539424.0	4215478.0	-4.91
L0001429	539444.0	4215478.0	-9.48
L0001429	539424.0	4215498.0	-14.78
L0001429	539444.0	4215498.0	-25.21
L0001429	539464.0	4215498.0	-5.21
L0001429	539424.0	4215518.0	-4.82
L0001429	539444.0	4215518.0	-9.37
L0001430	539404.0	4215458.0	0.21
L0001430	539384.0	4215478.0	-1.08
L0001430	539404.0	4215478.0	-18.13
L0001430	539424.0	4215478.0	-14.32
L0001430	539384.0	4215498.0	-0.60

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001430	539404.0	4215498.0	-16.99
L0001430	539424.0	4215498.0	-13.44
L0001430	539384.7	4215486.6	-3.27
L0001430	539391.5	4215490.9	-9.78
L0001444	539264.0	4215938.0	-1.90
L0001444	539244.0	4215958.0	-13.46
L0001444	539264.0	4215958.0	-20.73
L0001444	539284.0	4215958.0	-3.57
L0001445	539264.0	4215918.0	-4.53
L0001445	539284.0	4215918.0	-5.72
L0001445	539264.0	4215938.0	-18.19
L0001445	539284.0	4215938.0	-21.05
L0001445	539304.0	4215938.0	-1.35
L0001445	539264.0	4215958.0	-9.25
L0001445	539284.0	4215958.0	-10.73
L0001446	539284.0	4215898.0	-10.30
L0001446	539304.0	4215898.0	-8.62
L0001446	539264.0	4215918.0	-1.63
L0001446	539284.0	4215918.0	-21.44
L0001446	539304.0	4215918.0	-18.08
L0001446	539284.0	4215938.0	-6.36
L0001446	539304.0	4215938.0	-4.95
L0001447	539284.0	4215878.0	-1.74
L0001447	539304.0	4215878.0	-16.03
L0001447	539324.0	4215878.0	-10.19
L0001447	539284.0	4215898.0	-3.96

L0001447	539304.0	4215898.0	-21.35
L0001447	539324.0	4215898.0	-13.51
L0001447	539304.0	4215918.0	-2.53
L0001447	539324.0	4215918.0	0.85
L0001448	539324.0	4215838.0	-1.78
L0001448	539304.0	4215858.0	-6.65
L0001448	539324.0	4215858.0	-21.63
L0001448	539344.0	4215858.0	-10.12
L0001448	539304.0	4215878.0	-5.12
L0001448	539324.0	4215878.0	-18.00
L0001448	539344.0	4215878.0	-8.34
L0001449	539324.0	4215818.0	-0.14
L0001449	539344.0	4215818.0	-6.66
L0001449	539324.0	4215838.0	-11.03

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001449	539344.0	4215838.0	-26.44
L0001449	539364.0	4215838.0	-8.41
L0001449	539324.0	4215858.0	-4.94
L0001449	539344.0	4215858.0	-13.24
L0001449	539364.0	4215858.0	-2.90
L0001450	539344.0	4215798.0	-5.93
L0001450	539364.0	4215798.0	-11.00
L0001450	539384.0	4215798.0	0.70
L0001450	539344.0	4215818.0	-14.45
L0001450	539364.0	4215818.0	-25.20
L0001450	539384.0	4215818.0	-5.41
L0001450	539344.0	4215838.0	-3.46
L0001450	539364.0	4215838.0	-7.96
L0001450	539351.6	4215795.9	-8.05
L0001451	539364.0	4215778.0	-11.69
L0001451	539384.0	4215778.0	-14.36
L0001451	539404.0	4215778.0	0.89
L0001451	539364.0	4215798.0	-16.15
L0001451	539384.0	4215798.0	-19.94
L0001451	539404.0	4215798.0	-1.52
L0001451	539364.0	4215818.0	-0.87
L0001451	539384.0	4215818.0	-2.46
L0001451	539351.6	4215795.9	-4.99
L0001452	539384.0	4215738.0	0.13
L0001452	539404.0	4215738.0	0.75
L0001452	539364.0	4215758.0	0.35
L0001452	539384.0	4215758.0	-17.42
L0001452	539404.0	4215758.0	-16.00
L0001452	539384.0	4215778.0	-15.53
L0001452	539404.0	4215778.0	-14.28
L0001453	539404.0	4215718.0	-5.42
L0001453	539424.0	4215718.0	-2.25
L0001453	539384.0	4215738.0	-3.85
L0001453	539404.0	4215738.0	-22.98
L0001453	539424.0	4215738.0	-15.33
L0001453	539384.0	4215758.0	0.48
L0001453	539404.0	4215758.0	-12.83
L0001453	539424.0	4215758.0	-8.54
L0001454	539404.0	4215698.0	-0.42

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001454	539444.0	4215698.0	-4.26
L0001454	539404.0	4215718.0	-7.32
L0001454	539424.0	4215718.0	-27.16
L0001454	539444.0	4215718.0	-12.61
L0001454	539404.0	4215738.0	0.89
L0001454	539424.0	4215738.0	-8.83
L0001454	539444.0	4215738.0	-2.76
L0001455	539424.0	4215678.0	-5.94
L0001455	539444.0	4215678.0	-15.83
L0001455	539464.0	4215678.0	-5.04
L0001455	539424.0	4215698.0	-9.69
L0001455	539444.0	4215698.0	-24.12
L0001455	539464.0	4215698.0	-8.62
L0001455	539444.0	4215718.0	-4.14
L0001456	539464.0	4215638.0	-0.46
L0001456	539444.0	4215658.0	-11.28
L0001456	539464.0	4215658.0	-19.97
L0001456	539484.0	4215658.0	-4.48
L0001456	539444.0	4215678.0	-10.54
L0001456	539464.0	4215678.0	-18.65
L0001456	539484.0	4215678.0	-3.94
L0001456	539464.0	4215698.0	0.94
L0001457	539464.0	4215618.0	-2.29
L0001457	539484.0	4215618.0	-4.58
L0001457	539464.0	4215638.0	-16.22
L0001457	539484.0	4215638.0	-21.74
L0001457	539504.0	4215638.0	-2.67
L0001457	539464.0	4215658.0	-9.69
L0001457	539484.0	4215658.0	-12.94
L0001458	539484.0	4215598.0	-8.08
L0001458	539504.0	4215598.0	-7.93
L0001458	539464.0	4215618.0	-0.15
L0001458	539484.0	4215618.0	-20.15
L0001458	539504.0	4215618.0	-19.82
L0001458	539524.0	4215618.0	0.17
L0001458	539484.0	4215638.0	-7.33
L0001458	539504.0	4215638.0	-7.18
L0001459	539484.0	4215578.0	0.44
L0001459	539504.0	4215578.0	-13.84
L0001459	539524.0	4215578.0	-10.11

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001459	539484.0	4215598.0	-2.84
L0001459	539504.0	4215598.0	-21.52
L0001459	539524.0	4215598.0	-15.62
L0001459	539504.0	4215618.0	-3.86
L0001459	539524.0	4215618.0	-1.40
L0001460	539524.0	4215538.0	0.07
L0001460	539504.0	4215558.0	-4.57
L0001460	539524.0	4215558.0	-19.55
L0001460	539544.0	4215558.0	-10.71
L0001460	539504.0	4215578.0	-4.47
L0001460	539524.0	4215578.0	-19.29
L0001460	539544.0	4215578.0	-10.57
L0001460	539524.0	4215598.0	0.34
L0001461	539504.0	4215538.0	-15.88
L0001461	539524.0	4215538.0	-15.17
L0001461	539504.0	4215558.0	-16.53
L0001461	539524.0	4215558.0	-15.79
L0001462	539464.0	4215518.0	-1.72
L0001462	539484.0	4215518.0	-16.13
L0001462	539504.0	4215518.0	-10.37
L0001462	539464.0	4215538.0	-3.82
L0001462	539484.0	4215538.0	-21.17
L0001462	539504.0	4215538.0	-13.54
L0001462	539484.0	4215558.0	-2.36
L0001462	539504.0	4215558.0	0.93
L0001463	539444.0	4215498.0	-4.06
L0001463	539464.0	4215498.0	-13.68
L0001463	539484.0	4215498.0	-4.31
L0001463	539444.0	4215518.0	-9.50
L0001463	539464.0	4215518.0	-26.30
L0001463	539484.0	4215518.0	-9.81
L0001463	539464.0	4215538.0	-6.31
L0001463	539484.0	4215538.0	0.91
L0001464	539424.0	4215478.0	-5.06
L0001464	539444.0	4215478.0	-9.54
L0001464	539424.0	4215498.0	-14.91
L0001464	539444.0	4215498.0	-25.07
L0001464	539464.0	4215498.0	-5.07
L0001464	539424.0	4215518.0	-4.83
L0001464	539444.0	4215518.0	-9.25

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001465	539404.0	4215458.0	0.13
L0001465	539384.0	4215478.0	-1.25
L0001465	539404.0	4215478.0	-18.26
L0001465	539424.0	4215478.0	-14.22
L0001465	539384.0	4215498.0	-0.72
L0001465	539404.0	4215498.0	-17.04
L0001465	539424.0	4215498.0	-13.29
L0001465	539384.7	4215486.6	-3.42
L0001465	539391.5	4215490.9	-9.93

L0001466	539384.0	4215498.0	-8.51
L0001466	539384.7	4215486.6	-3.42
L0001466	539391.5	4215490.9	-5.52
L0001467	539384.0	4215498.0	-3.35
L0001467	539384.0	4215518.0	-0.75
L0001467	539385.0	4215509.3	-8.44
L0001468	539384.0	4215518.0	-6.49
L0001468	539385.0	4215509.3	-1.10
L0001468	539378.5	4215527.8	-2.62
L0001469	539384.0	4215538.0	0.60
L0001469	539378.5	4215527.8	-7.56
L0001470	539364.0	4215538.0	-5.18
L0001470	539372.0	4215546.2	-6.93
L0001471	539364.0	4215558.0	-6.45
L0001471	539372.0	4215546.2	-3.48
L0001471	539365.5	4215564.6	-0.28
L0001472	539364.0	4215558.0	-5.72
L0001472	539365.5	4215564.6	-8.89
L0001473	539364.0	4215578.0	-5.91
L0001473	539359.0	4215583.0	-4.86
L0001474	539344.0	4215558.0	0.55
L0001474	539344.0	4215578.0	-2.86
L0001474	539342.7	4215571.9	-5.91
L0001475	539344.0	4215558.0	-5.01
L0001475	539342.7	4215571.9	-2.27
L0001475	539326.4	4215560.8	0.27
L0001476	539324.0	4215558.0	-6.94
L0001476	539326.4	4215560.8	-6.61
L0001477	539324.0	4215538.0	-0.33
L0001477	539324.0	4215558.0	-1.51
L0001477	539310.1	4215549.7	-3.41

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001478	539304.0	4215538.0	-6.13
L0001478	539310.1	4215549.7	-4.03
L0001479	539304.0	4215538.0	-6.06
L0001479	539293.8	4215538.6	-5.65
L0001480	539284.0	4215518.0	-1.49
L0001480	539284.0	4215538.0	-0.51
L0001480	539293.8	4215538.6	-0.10
L0001480	539277.3	4215527.8	-0.48
L0001481	539284.0	4215518.0	-6.73
L0001481	539277.3	4215527.8	-4.57
L0001482	539284.0	4215518.0	-6.49
L0001482	539279.4	4215503.6	-2.45
L0001482	539270.1	4215510.3	-1.03
L0001483	539284.0	4215498.0	-1.74
L0001483	539279.4	4215503.6	-0.63
L0001483	539292.2	4215495.5	-1.63
L0001484	539304.0	4215498.0	-8.75
L0001484	539292.2	4215495.5	-2.24
L0001484	539305.6	4215491.4	-2.60
L0001485	539304.0	4215498.0	-3.31
L0001485	539324.0	4215498.0	-0.54
L0001485	539319.0	4215487.2	-1.58

L0001485	539305.6	4215491.4	-3.95
L0001486	539324.0	4215498.0	-5.70
L0001486	539319.0	4215487.2	-5.54
L0001487	539344.0	4215498.0	-1.17
L0001487	539337.1	4215482.8	-4.68
L0001488	539344.0	4215478.0	-0.21
L0001488	539344.0	4215498.0	-2.40
L0001488	539337.1	4215482.8	0.66
L0001488	539356.1	4215482.0	-1.54
L0001489	539364.0	4215478.0	-0.80
L0001489	539364.0	4215498.0	-2.35
L0001489	539356.1	4215482.0	-4.12
L0001489	539369.9	4215483.0	-1.10
L0001490	539364.0	4215498.0	0.07
L0001490	539369.9	4215483.0	-5.35
L0001490	539384.7	4215486.6	0.15
L0001491	539384.0	4215498.0	-5.48
L0001491	539384.7	4215486.6	-2.68

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001492	539364.0	4215498.0	0.76
L0001492	539384.0	4215498.0	-0.20
L0001492	539385.0	4215509.3	-1.10
L0001493	539364.0	4215518.0	-5.56
L0001494	539364.0	4215518.0	-1.46
L0001494	539364.0	4215538.0	-2.31
L0001494	539378.5	4215527.8	-0.19
L0001495	539364.0	4215538.0	-9.70
L0001495	539372.0	4215546.2	-0.80
L0001496	539364.0	4215558.0	-3.55
L0001497	539344.0	4215558.0	-0.74
L0001497	539364.0	4215558.0	-1.34
L0001497	539365.5	4215564.6	-0.94
L0001498	539344.0	4215558.0	-11.32
L0001499	539324.0	4215558.0	0.76
L0001499	539344.0	4215558.0	-0.35
L0001499	539326.4	4215560.8	0.89
L0001500	539324.0	4215538.0	-6.34
L0001501	539304.0	4215538.0	-1.59
L0001501	539324.0	4215538.0	-2.68
L0001502	539304.0	4215518.0	-0.12
L0001502	539304.0	4215538.0	-4.24
L0001503	539284.0	4215518.0	-0.56
L0001503	539304.0	4215518.0	-1.29
L0001504	539284.0	4215518.0	-9.00
L0001505	539304.0	4215518.0	-2.34
L0001506	539304.0	4215498.0	-3.90
L0001507	539324.0	4215498.0	-6.20
L0001508	539324.0	4215498.0	-3.65
L0001508	539344.0	4215498.0	-0.19
L0001509	539344.0	4215498.0	-11.99
L0001510	539344.0	4215498.0	0.16
L0001510	539364.0	4215498.0	-4.40
L0001511	539364.0	4215498.0	-9.02
L0001512	539364.0	4215498.0	-1.31

L0001512	539364.0	4215518.0	-3.04
L0001513	539364.0	4215518.0	-7.38
L0001514	539364.0	4215538.0	-2.56
L0001515	539344.0	4215538.0	-1.68
L0001515	539364.0	4215538.0	0.48

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001516	539344.0	4215538.0	-2.31
L0001516	539344.0	4215558.0	-1.53
L0001517	539324.0	4215538.0	0.33
L0001517	539344.0	4215538.0	-3.88
L0001518	539324.0	4215538.0	-7.80
L0001519	539324.0	4215518.0	0.21
L0001520	539304.0	4215518.0	-9.05
L0001521	539304.0	4215518.0	-4.90
L0001522	539324.0	4215498.0	-1.64
L0001522	539324.0	4215518.0	-1.71
L0001523	539324.0	4215498.0	-1.35
L0001524	539344.0	4215498.0	-7.14
L0001525	539344.0	4215498.0	0.63
L0001525	539364.0	4215498.0	-3.99
L0001526	539364.0	4215518.0	-0.34
L0001527	539344.0	4215518.0	-4.46
L0001528	539344.0	4215538.0	-6.79
L0001529	539344.0	4215538.0	-7.88
L0001530	539324.0	4215538.0	-1.77
L0001530	539344.0	4215538.0	-0.16
L0001531	539324.0	4215518.0	-5.95
L0001532	539324.0	4215518.0	-10.53
L0001533	539324.0	4215518.0	0.90
L0001533	539344.0	4215518.0	-0.68
L0001534	539344.0	4215498.0	0.82
L0001534	539344.0	4215518.0	-4.28
L0001535	539344.0	4215518.0	-7.88
L0001536	539344.0	4215518.0	-1.12

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1

              NOTE:  METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.


                              *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                          (METERS/SEC)

                                             1.54,   3.09,   5.14,   8.23,  10.80,
```

*** AERMOD - VERSION 24142 ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
07/18/25
*** AERMET - VERSION 18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED   ***
10:31:13

PAGE 226
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

```
                                *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file:   ..\NOVATO CONST NO2 MIT JULY 2025\NOVATO CONST NO2 MIT JULY 2025.SFC             Met Version:
18081
   Profile file:   ..\NOVATO CONST NO2 MIT JULY 2025\NOVATO CONST NO2 MIT JULY 2025.PFL
   Surface format: FREE

   Profile format: FREE

   Surface station no.:    72040                 Upper air station no.:    23230
                  Name: UNKNOWN                                 Name: OAKLAND/WSO_AP
                  Year:   2013                                  Year:   2013

 First 24 hours of scalar data
```

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	275.1	2.0
13	01	01	1	02	-5.0	0.090	-9.000	-9.000	-999.	65.	13.4	0.03	1.38	1.00	1.50	178.	10.0	276.1	2.0
13	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	276.1	2.0
13	01	01	1	04	-8.1	0.111	-9.000	-9.000	-999.	89.	15.6	0.01	1.38	1.00	2.10	23.	10.0	276.1	2.0
13	01	01	1	05	-11.1	0.137	-9.000	-9.000	-999.	122.	21.3	0.04	1.38	1.00	2.10	93.	10.0	276.1	2.0
13	01	01	1	06	-15.6	0.162	-9.000	-9.000	-999.	156.	28.8	0.03	1.38	1.00	2.60	192.	10.0	276.1	2.0
13	01	01	1	07	-12.7	0.140	-9.000	-9.000	-999.	126.	21.7	0.01	1.38	1.00	2.60	345.	10.0	274.1	2.0
13	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	273.1	2.0
13	01	01	1	09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	0.40	0.00	0.	10.0	275.1	2.0
13	01	01	1	10	47.4	-9.000	-9.000	-9.000	123.	-999.	-99999.0	0.02	1.38	0.27	0.00	0.	10.0	279.1	2.0
13	01	01	1	11	90.7	0.161	0.901	0.005	295.	155.	-4.2	0.01	1.38	0.22	2.10	74.	10.0	281.1	2.0
13	01	01	1	12	115.7	0.364	1.360	0.008	796.	527.	-38.1	0.01	1.38	0.21	5.70	46.	10.0	283.1	2.0
13	01	01	1	13	120.9	0.398	1.443	0.008	908.	602.	-47.6	0.04	1.38	0.20	5.10	93.	10.0	285.1	2.0
13	01	01	1	14	105.4	0.230	1.394	0.007	940.	286.	-10.6	0.04	1.38	0.21	2.60	129.	10.0	285.1	2.0

```
 13 01 01   1 15   71.0  0.323  1.231  0.006  961.  441.    -43.5  0.01   1.38   0.24    5.10   72.   10.0  286.1
2.0
 13 01 01   1 16   20.1  0.172  0.811  0.006  967.  188.    -23.2  0.04   1.38   0.33    2.10  114.   10.0  286.1
2.0
 13 01 01   1 17   -9.2  0.130 -9.000 -9.000 -999.  112.     21.6  0.03   1.38   0.56    2.10  231.   10.0  282.1
2.0
 13 01 01   1 18  -15.5  0.162 -9.000 -9.000 -999.  156.     28.9  0.03   1.38   1.00    2.60  247.   10.0  281.1
2.0
 13 01 01   1 19  -10.0  0.129 -9.000 -9.000 -999.  111.     19.4  0.03   1.38   1.00    2.10  214.   10.0  279.1
2.0
 13 01 01   1 20  -20.2  0.195 -9.000 -9.000 -999.  207.     41.9  0.03   1.38   1.00    3.10  187.   10.0  277.1
2.0
 13 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  275.1
2.0
 13 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1 -999.  -99.00   275.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE 227
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
                L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
                L0001387    , L0001388    , L0001389    , L0001390    , L0001391    , L0001392    , L0001393    ,
L0001394    ,
                L0001395    , L0001396    , L0001397    , L0001398    , L0001399    , L0001400    , L0001401    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.00197      0.00212      0.00227      0.00243      0.00260      0.00276      0.00293
0.00311      0.00330
  4215938.00 |       0.00195      0.00211      0.00227      0.00245      0.00263      0.00281      0.00301
0.00321      0.00341
  4215918.00 |       0.00191      0.00207      0.00225      0.00244      0.00264      0.00285      0.00306
0.00329      0.00352
  4215898.00 |       0.00185      0.00202      0.00221      0.00241      0.00263      0.00285      0.00309
0.00334      0.00361
  4215878.00 |       0.00179      0.00196      0.00216      0.00237      0.00259      0.00284      0.00310
0.00338      0.00367
  4215858.00 |       0.00172      0.00189      0.00208      0.00230      0.00253      0.00279      0.00308
0.00338      0.00371
  4215838.00 |       0.00164      0.00181      0.00200      0.00222      0.00246      0.00272      0.00302
```

0.00335   0.00370
  4215818.00 | 0.00157   0.00173   0.00191   0.00212   0.00236   0.00263   0.00294
0.00328   0.00365
  4215798.00 | 0.00150   0.00165   0.00182   0.00203   0.00226   0.00252   0.00283
0.00317   0.00356
  4215778.00 | 0.00142   0.00157   0.00173   0.00193   0.00215   0.00240   0.00270
0.00304   0.00343
  4215758.00 | 0.00136   0.00149   0.00165   0.00183   0.00203   0.00227   0.00256
0.00289   0.00327
  4215738.00 | 0.00129   0.00142   0.00156   0.00173   0.00192   0.00215   0.00241
0.00273   0.00310
  4215718.00 | 0.00124   0.00135   0.00149   0.00164   0.00182   0.00203   0.00227
0.00256   0.00291
  4215698.00 | 0.00118   0.00129   0.00142   0.00156   0.00173   0.00192   0.00214
0.00241   0.00274
  4215678.00 | 0.00114   0.00124   0.00136   0.00149   0.00164   0.00182   0.00202
0.00227   0.00257
  4215658.00 | 0.00109   0.00119   0.00130   0.00143   0.00157   0.00173   0.00192
0.00214   0.00241
  4215638.00 | 0.00105   0.00115   0.00125   0.00137   0.00150   0.00165   0.00182
0.00203   0.00228
  4215618.00 | 0.00102   0.00110   0.00120   0.00132   0.00144   0.00158   0.00174
0.00193   0.00216
  4215598.00 | 0.00098   0.00106   0.00116   0.00127   0.00138   0.00151   0.00166
0.00184   0.00206
  4215578.00 | 0.00095   0.00103   0.00112   0.00122   0.00133   0.00145   0.00159
0.00176   0.00196
  4215558.00 | 0.00092   0.00100   0.00108   0.00118   0.00128   0.00140   0.00153
0.00169   0.00188
  4215538.00 | 0.00090   0.00097   0.00105   0.00114   0.00124   0.00135   0.00148
0.00162   0.00181
  4215518.00 | 0.00087   0.00094   0.00102   0.00111   0.00121   0.00132   0.00144
0.00158   0.00175
  4215498.00 | 0.00086   0.00093   0.00100   0.00109   0.00119   0.00129   0.00141
0.00156   0.00173
  4215478.00 | 0.00085   0.00092   0.00099   0.00108   0.00117   0.00128   0.00141
0.00155   0.00171
  4215458.00 | 0.00084   0.00091   0.00099   0.00108   0.00117   0.00128   0.00141
0.00155   0.00171
  4215438.00 | 0.00084   0.00091   0.00099   0.00108   0.00117   0.00128   0.00141
0.00155   0.00171
  4215418.00 | 0.00085   0.00091   0.00099   0.00107   0.00117   0.00128   0.00140
0.00154   0.00170
  4215398.00 | 0.00085   0.00091   0.00099   0.00107   0.00116   0.00127   0.00139
0.00152   0.00166
  4215378.00 | 0.00084   0.00091   0.00098   0.00106   0.00115   0.00125   0.00136
0.00149   0.00163
  4215358.00 | 0.00084   0.00090   0.00096   0.00104   0.00113   0.00122   0.00133
0.00146   0.00159
  4215338.00 | 0.00082   0.00088   0.00095   0.00102   0.00110   0.00120   0.00130
0.00143   0.00156
  4215318.00 | 0.00080   0.00086   0.00093   0.00100   0.00108   0.00117   0.00128
0.00140   0.00153
  4215298.00 | 0.00079   0.00084   0.00091   0.00098   0.00106   0.00115   0.00126
0.00137   0.00151
  4215278.00 | 0.00077   0.00083   0.00090   0.00097   0.00105   0.00114   0.00124
0.00136   0.00149
  4215258.00 | 0.00077   0.00083   0.00089   0.00096   0.00104   0.00113   0.00123
0.00134   0.00146
  4215238.00 | 0.00076   0.00082   0.00089   0.00096   0.00104   0.00112   0.00122
0.00132   0.00143
  4215218.00 | 0.00076   0.00082   0.00089   0.00096   0.00103   0.00111   0.00120
0.00129   0.00139
  4215198.00 | 0.00076   0.00082   0.00088   0.00095   0.00102   0.00109   0.00117
0.00125   0.00135
  4215178.00 | 0.00076   0.00082   0.00087   0.00094   0.00100   0.00107   0.00114
0.00122   0.00130

                *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
               L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
               L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
               L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215158.00 | 0.00076   0.00081   0.00086   0.00092   0.00098   0.00104   0.00110
0.00117   0.00125
  4215138.00 | 0.00075   0.00080   0.00084   0.00089   0.00095   0.00100   0.00106
0.00113   0.00120
  4215118.00 | 0.00074   0.00078   0.00082   0.00087   0.00092   0.00097   0.00102
0.00108   0.00115
  4215098.00 | 0.00072   0.00076   0.00080   0.00084   0.00088   0.00093   0.00098
0.00104   0.00111
  4215078.00 | 0.00070   0.00074   0.00077   0.00081   0.00085   0.00090   0.00095
0.00101   0.00107
  4215058.00 | 0.00068   0.00071   0.00075   0.00078   0.00082   0.00086   0.00091
0.00097   0.00105
  4215038.00 | 0.00066   0.00069   0.00072   0.00075   0.00079   0.00084   0.00089
0.00095   0.00102
  4215018.00 | 0.00064   0.00066   0.00069   0.00073   0.00077   0.00081   0.00087
0.00093   0.00101
  4214998.00 | 0.00062   0.00064   0.00067   0.00071   0.00075   0.00079   0.00085
0.00091   0.00099
  4214978.00 | 0.00060   0.00062   0.00065   0.00069   0.00073   0.00078   0.00084
0.00090   0.00098

                *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
               L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
               L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
               L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.00348	0.00367	0.00385	0.00402	0.00417	0.00431	0.00443	0.00453	0.00461
4215938.00	0.00363	0.00384	0.00406	0.00426	0.00446	0.00463	0.00479	0.00492	0.00503
4215918.00	0.00376	0.00401	0.00426	0.00451	0.00475	0.00497	0.00518	0.00535	0.00550
4215898.00	0.00389	0.00417	0.00446	0.00475	0.00504	0.00532	0.00558	0.00582	0.00602
4215878.00	0.00399	0.00431	0.00464	0.00499	0.00533	0.00567	0.00600	0.00631	0.00658
4215858.00	0.00406	0.00442	0.00481	0.00520	0.00561	0.00602	0.00644	0.00683	0.00719
4215838.00	0.00409	0.00450	0.00493	0.00539	0.00587	0.00636	0.00686	0.00737	0.00783
4215818.00	0.00407	0.00452	0.00501	0.00553	0.00608	0.00666	0.00728	0.00789	0.00850
4215798.00	0.00400	0.00449	0.00502	0.00561	0.00624	0.00692	0.00765	0.00841	0.00917
4215778.00	0.00388	0.00439	0.00497	0.00562	0.00633	0.00711	0.00797	0.00887	0.00982
4215758.00	0.00372	0.00424	0.00485	0.00554	0.00632	0.00720	0.00818	0.00925	0.01040
4215738.00	0.00353	0.00405	0.00466	0.00537	0.00621	0.00717	0.00826	0.00949	0.01086
4215718.00	0.00333	0.00383	0.00443	0.00514	0.00600	0.00701	0.00819	0.00956	0.01113
4215698.00	0.00312	0.00359	0.00416	0.00485	0.00570	0.00673	0.00795	0.00942	0.01117
4215678.00	0.00292	0.00336	0.00389	0.00454	0.00534	0.00635	0.00757	0.00908	0.01094
4215658.00	0.00274	0.00314	0.00362	0.00422	0.00497	0.00590	0.00707	0.00855	0.01044
4215638.00	0.00258	0.00293	0.00337	0.00392	0.00459	0.00545	0.00653	0.00792	0.00974
4215618.00	0.00244	0.00276	0.00316	0.00364	0.00425	0.00502	0.00599	0.00726	0.00893
4215598.00	0.00231	0.00261	0.00297	0.00341	0.00395	0.00464	0.00550	0.00662	0.00811
4215578.00	0.00221	0.00249	0.00282	0.00322	0.00371	0.00433	0.00509	0.00607	0.00737
4215558.00	0.00211	0.00238	0.00269	0.00306	0.00351	0.00407	0.00476	0.00564	0.00678
4215538.00	0.00203	0.00229	0.00258	0.00294	0.00336	0.00388	0.00451	0.00531	0.00634
4215518.00	0.00197	0.00221	0.00251	0.00285	0.00326	0.00375	0.00435	0.00510	0.00606
4215498.00	0.00193	0.00217	0.00245	0.00279	0.00319	0.00368	0.00426	0.00498	0.00590
4215478.00	0.00190	0.00214	0.00242	0.00276	0.00315	0.00363	0.00420	0.00490	0.00579
4215458.00	0.00190	0.00212	0.00239	0.00272	0.00312	0.00359	0.00414	0.00481	0.00566
4215438.00	0.00189	0.00210	0.00235	0.00267	0.00306	0.00352	0.00404	0.00469	0.00550
4215418.00	0.00187	0.00207	0.00231	0.00261	0.00298	0.00342	0.00391	0.00453	0.00529
4215398.00	0.00183	0.00202	0.00226	0.00255	0.00289	0.00331	0.00379	0.00437	0.00509
4215378.00	0.00179	0.00198	0.00221	0.00248	0.00281	0.00321	0.00366	0.00420	0.00486
4215358.00	0.00175	0.00193	0.00216	0.00242	0.00274	0.00312	0.00354	0.00404	0.00463

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  4215338.00 |       0.00172      0.00190      0.00212      0.00237      0.00268      0.00303      0.00341
0.00386      0.00439
  4215318.00 |       0.00169      0.00187      0.00208      0.00232      0.00260      0.00292      0.00327
0.00367      0.00415
  4215298.00 |       0.00166      0.00184      0.00203      0.00226      0.00251      0.00279      0.00311
0.00348      0.00391
  4215278.00 |       0.00163      0.00180      0.00198      0.00218      0.00240      0.00266      0.00295
0.00329      0.00370
  4215258.00 |       0.00160      0.00174      0.00191      0.00209      0.00229      0.00252      0.00279
0.00312      0.00351
  4215238.00 |       0.00155      0.00168      0.00183      0.00199      0.00218      0.00239      0.00265
0.00296      0.00334
  4215218.00 |       0.00150      0.00162      0.00175      0.00190      0.00207      0.00228      0.00252
0.00283      0.00320
  4215198.00 |       0.00144      0.00155      0.00167      0.00181      0.00198      0.00218      0.00242
0.00272      0.00308
  4215178.00 |       0.00138      0.00148      0.00159      0.00173      0.00190      0.00209      0.00234
0.00263      0.00296
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 230
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
                L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
                L0001387    , L0001388    , L0001389    , L0001390    , L0001391    , L0001392    , L0001393    ,
L0001394    ,
                L0001395    , L0001396    , L0001397    , L0001398    , L0001399    , L0001400    , L0001401    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00133      0.00142      0.00153      0.00166      0.00183      0.00203      0.00226
0.00254      0.00286
  4215138.00 |       0.00127      0.00137      0.00147      0.00161      0.00177      0.00197      0.00220
0.00246      0.00276
  4215118.00 |       0.00123      0.00132      0.00143      0.00157      0.00173      0.00192      0.00215
0.00239      0.00266
  4215098.00 |       0.00119      0.00128      0.00140      0.00154      0.00170      0.00188      0.00209
0.00232      0.00256
  4215078.00 |       0.00116      0.00126      0.00137      0.00151      0.00167      0.00184      0.00204
0.00224      0.00245
  4215058.00 |       0.00113      0.00123      0.00135      0.00149      0.00164      0.00180      0.00198
0.00216      0.00235
  4215038.00 |       0.00111      0.00121      0.00133      0.00147      0.00161      0.00177      0.00192
0.00209      0.00225
  4215018.00 |       0.00110      0.00120      0.00132      0.00145      0.00158      0.00172      0.00186
0.00201      0.00215
  4214998.00 |       0.00108      0.00119      0.00130      0.00142      0.00155      0.00167      0.00180
0.00193      0.00206
  4214978.00 |       0.00108      0.00118      0.00129      0.00140      0.00151      0.00163      0.00174
0.00185      0.00197
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
              L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
              L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
              L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215958.00 | 0.00468   0.00473   0.00476   0.00479   0.00481   0.00485   0.00490
0.00494   0.00497
  4215938.00 | 0.00512   0.00518   0.00523   0.00527   0.00530   0.00533   0.00537
0.00545   0.00547
  4215918.00 | 0.00562   0.00571   0.00577   0.00582   0.00586   0.00589   0.00593
0.00599   0.00604
  4215898.00 | 0.00618   0.00630   0.00640   0.00647   0.00652   0.00656   0.00660
0.00665   0.00674
  4215878.00 | 0.00680   0.00698   0.00712   0.00722   0.00729   0.00734   0.00739
0.00744   0.00752
  4215858.00 | 0.00750   0.00775   0.00795   0.00810   0.00820   0.00828   0.00833
0.00839   0.00846
  4215838.00 | 0.00826   0.00862   0.00891   0.00913   0.00928   0.00939   0.00947
0.00954   0.00962
  4215818.00 | 0.00907   0.00957   0.01000   0.01033   0.01057   0.01074   0.01085
0.01094   0.01103
  4215798.00 | 0.00992   0.01061   0.01122   0.01172   0.01210   0.01236   0.01254
0.01267   0.01278
  4215778.00 | 0.01078   0.01171   0.01257   0.01331   0.01390   0.01434   0.01463
0.01483   0.01499
  4215758.00 | 0.01160   0.01283   0.01402   0.01510   0.01601   0.01672   0.01723
0.01756   0.01781
  4215738.00 | 0.01234   0.01392   0.01552   0.01705   0.01843   0.01958   0.02045
0.02105   0.02147
  4215718.00 | 0.01290   0.01488   0.01697   0.01911   0.02114   0.02296   0.02444
0.02553   0.02631
  4215698.00 | 0.01322   0.01560   0.01826   0.02113   0.02404   0.02683   0.02933
0.03132   0.03281
  4215678.00 | 0.01321   0.01596   0.01921   0.02292   0.02694   0.03111   0.03514
0.03872   0.04160
  4215658.00 | 0.01284   0.01588   0.01965   0.02423   0.02955   0.03551   0.04180
0.04794   0.05343
  4215638.00 | 0.01213   0.01531   0.01944   0.02476   0.03147   0.03956   0.04886
0.05895   0.06909
  4215618.00 | 0.01119   0.01429   0.01854   0.02434   0.03221   0.04259   0.05566
0.07135   0.08899
  4215598.00 | 0.01014   0.01300   0.01704   0.02290   0.03143   0.04377   0.06105
0.08419   0.11334
  4215578.00 | 0.00915   0.01164   0.01527   0.02071   0.02911   0.04236   0.06354
0.09612   0.14288
  4215558.00 | 0.00832   0.01047   0.01359   0.01829   0.02574   0.03843   0.06132
0.10409   0.17966

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  4215538.00 |       0.00770      0.00960      0.01229      0.01629      0.02255      0.03336      0.05416
0.10081      0.22221
  4215518.00 |       0.00732      0.00905      0.01147      0.01496      0.02038      0.02941      0.04636
0.08491      0.21810
  4215498.00 |       0.00710      0.00874      0.01097      0.01421      0.01911      0.02706      0.04120
0.07102      0.15153
  4215478.00 |       0.00695      0.00851      0.01062      0.01364      0.01812      0.02515      0.03697
0.05931      0.10574
  4215458.00 |       0.00677      0.00824      0.01023      0.01301      0.01701      0.02298      0.03254
0.04887      0.07729
  4215438.00 |       0.00655      0.00794      0.00978      0.01227      0.01570      0.02071      0.02832
0.04029      0.05856
  4215418.00 |       0.00628      0.00758      0.00925      0.01143      0.01436      0.01853      0.02460
0.03340      0.04578
  4215398.00 |       0.00600      0.00718      0.00866      0.01054      0.01306      0.01655      0.02142
0.02804      0.03669
  4215378.00 |       0.00568      0.00673      0.00802      0.00969      0.01187      0.01482      0.01872
0.02380      0.03001
  4215358.00 |       0.00535      0.00628      0.00742      0.00889      0.01081      0.01329      0.01648
0.02040      0.02495
  4215338.00 |       0.00502      0.00583      0.00686      0.00818      0.00988      0.01199      0.01459
0.01763      0.02102
  4215318.00 |       0.00473      0.00545      0.00638      0.00756      0.00906      0.01087      0.01300
0.01539      0.01792
  4215298.00 |       0.00444      0.00512      0.00596      0.00702      0.00833      0.00987      0.01161
0.01350      0.01542
  4215278.00 |       0.00420      0.00483      0.00561      0.00655      0.00768      0.00899      0.01040
0.01191      0.01339
  4215258.00 |       0.00400      0.00458      0.00529      0.00613      0.00710      0.00820      0.00935
0.01055      0.01171
  4215238.00 |       0.00381      0.00436      0.00501      0.00574      0.00657      0.00747      0.00843
0.00939      0.01030
  4215218.00 |       0.00364      0.00415      0.00473      0.00538      0.00608      0.00683      0.00761
0.00839      0.00912
  4215198.00 |       0.00349      0.00396      0.00448      0.00503      0.00563      0.00625      0.00689
0.00752      0.00812
  4215178.00 |       0.00335      0.00377      0.00423      0.00471      0.00522      0.00573      0.00626
0.00678      0.00727
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 232
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                 INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
                L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
                L0001387    , L0001388    , L0001389    , L0001390    , L0001391    , L0001392    , L0001393    ,
L0001394    ,
                L0001395    , L0001396    , L0001397    , L0001398    , L0001399    , L0001400    , L0001401    ,
. . .       ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00321      0.00359      0.00399      0.00440      0.00484      0.00527      0.00570
0.00613      0.00655
```

  4215138.00 | 0.00307   0.00341   0.00375   0.00412   0.00448   0.00486   0.00522
0.00558   0.00593
  4215118.00 | 0.00294   0.00323   0.00354   0.00385   0.00417   0.00448   0.00479
0.00509   0.00539
  4215098.00 | 0.00280   0.00306   0.00333   0.00361   0.00388   0.00415   0.00441
0.00467   0.00493
  4215078.00 | 0.00267   0.00290   0.00314   0.00338   0.00361   0.00384   0.00407
0.00430   0.00453
  4215058.00 | 0.00254   0.00275   0.00296   0.00317   0.00337   0.00357   0.00377
0.00396   0.00417
  4215038.00 | 0.00242   0.00260   0.00279   0.00297   0.00315   0.00332   0.00350
0.00367   0.00385
  4215018.00 | 0.00231   0.00247   0.00263   0.00279   0.00295   0.00310   0.00325
0.00340   0.00356
  4214998.00 | 0.00220   0.00234   0.00249   0.00263   0.00277   0.00290   0.00303
0.00317   0.00331
  4214978.00 | 0.00210   0.00222   0.00235   0.00248   0.00260   0.00272   0.00284
0.00296   0.00309

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
               L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
               L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
               L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215958.00 | 0.00504   0.00516   0.00521   0.00527   0.00532   0.00536   0.00540
0.00545   0.00552
  4215938.00 | 0.00555   0.00562   0.00574   0.00580   0.00586   0.00591   0.00596
0.00602   0.00610
  4215918.00 | 0.00613   0.00622   0.00634   0.00643   0.00649   0.00654   0.00661
0.00669   0.00678
  4215898.00 | 0.00681   0.00692   0.00706   0.00717   0.00723   0.00729   0.00737
0.00747   0.00757
  4215878.00 | 0.00762   0.00773   0.00786   0.00801   0.00811   0.00819   0.00828
0.00839   0.00850
  4215858.00 | 0.00858   0.00872   0.00886   0.00899   0.00914   0.00925   0.00936
0.00949   0.00961
  4215838.00 | 0.00973   0.00990   0.01004   0.01022   0.01037   0.01055   0.01068
0.01081   0.01092
  4215818.00 | 0.01115   0.01132   0.01151   0.01170   0.01190   0.01207   0.01229
0.01242   0.01248
  4215798.00 | 0.01291   0.01309   0.01332   0.01357   0.01379   0.01403   0.01425
0.01439   0.01436
  4215778.00 | 0.01514   0.01534   0.01559   0.01590   0.01620   0.01646   0.01672
0.01683   0.01662
  4215758.00 | 0.01801   0.01824   0.01852   0.01888   0.01926   0.01959   0.01982
0.01981   0.01935

```
  4215738.00 |       0.02178      0.02206      0.02240      0.02282      0.02329      0.02366      0.02381
0.02353      0.02261
  4215718.00 |       0.02683      0.02723      0.02765      0.02816      0.02873      0.02914      0.02908
0.02827      0.02657
  4215698.00 |       0.03378      0.03444      0.03501      0.03566      0.03632      0.03662      0.03607
0.03429      0.03145
  4215678.00 |       0.04362      0.04488      0.04580      0.04664      0.04734      0.04724      0.04556
0.04207      0.03747
  4215658.00 |       0.05777      0.06073      0.06248      0.06367      0.06418      0.06293      0.05874
0.05221      0.04498
  4215638.00 |       0.07832      0.08565      0.09019      0.09221      0.09187      0.08732      0.07750
0.06551      0.05416
  4215618.00 |       0.10778      0.12592      0.14025      0.14656      0.14304      0.12775      0.10461
0.08267      0.06478
  4215598.00 |       0.14912      0.19142      0.23702      0.27161      0.25835      0.19860      0.14260
0.10305      0.07576
  4215578.00 |       0.20859      0.30178      0.43330      0.54195      0.49577      0.31268      0.18876
0.12354      0.08508
  4215558.00 |       0.30418      0.51782      0.65898      0.72798      0.66205      0.45777      0.23527
0.14003      0.09070
  4215538.00 |       0.44271      0.62531      0.85314      0.97655      0.85722      0.57114      0.27786
0.14969      0.09147
  4215518.00 |       0.34954      0.70429      0.92597      1.02528      0.91947      0.64538      0.30679
0.14871      0.08691
  4215498.00 |       0.35444      0.53302      0.60790      0.66378      0.64447      0.48011      0.29028
0.13362      0.07879
  4215478.00 |       0.19992      0.34196      0.49414      0.53560      0.51989      0.43146      0.21598
0.11482      0.07119
  4215458.00 |       0.12295      0.18362      0.24373      0.28185      0.28016      0.22899      0.15463
0.09743      0.06428
  4215438.00 |       0.08440      0.11555      0.14574      0.16468      0.16498      0.14478      0.11244
0.08066      0.05718
  4215418.00 |       0.06168      0.07974      0.09660      0.10750      0.10893      0.10028      0.08434
0.06601      0.04989
  4215398.00 |       0.04708      0.05817      0.06843      0.07532      0.07716      0.07333      0.06486
0.05402      0.04316
  4215378.00 |       0.03708      0.04431      0.05086      0.05542      0.05721      0.05568      0.05108
0.04446      0.03712
  4215358.00 |       0.02986      0.03480      0.03919      0.04241      0.04394      0.04346      0.04094
0.03687      0.03191
  4215338.00 |       0.02454      0.02800      0.03107      0.03339      0.03471      0.03474      0.03337
0.03082      0.02748
  4215318.00 |       0.02050      0.02298      0.02518      0.02694      0.02802      0.02826      0.02752
0.02594      0.02369
  4215298.00 |       0.01735      0.01917      0.02081      0.02217      0.02306      0.02336      0.02301
0.02203      0.02051
  4215278.00 |       0.01485      0.01624      0.01748      0.01854      0.01929      0.01961      0.01947
0.01886      0.01784
  4215258.00 |       0.01284      0.01391      0.01488      0.01573      0.01634      0.01666      0.01664
0.01628      0.01559
  4215238.00 |       0.01119      0.01203      0.01282      0.01349      0.01401      0.01432      0.01436
0.01415      0.01370
  4215218.00 |       0.00983      0.01051      0.01115      0.01171      0.01215      0.01242      0.01250
0.01240      0.01210
  4215198.00 |       0.00870      0.00926      0.00978      0.01025      0.01062      0.01087      0.01097
0.01093      0.01074
  4215178.00 |       0.00775      0.00822      0.00865      0.00905      0.00936      0.00958      0.00970
0.00970      0.00958
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                    ***
  10:31:13

  PAGE 234
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                  INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
```

L0001378   ,
                L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
                L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
                L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215158.00 | 0.00695   0.00734   0.00771   0.00804   0.00831   0.00851   0.00862
0.00865   0.00859
  4215138.00 | 0.00627   0.00661   0.00693   0.00721   0.00743   0.00760   0.00771
0.00775   0.00772
  4215118.00 | 0.00569   0.00598   0.00625   0.00649   0.00669   0.00683   0.00693
0.00698   0.00698
  4215098.00 | 0.00519   0.00544   0.00567   0.00588   0.00605   0.00617   0.00626
0.00631   0.00633
  4215078.00 | 0.00475   0.00497   0.00517   0.00535   0.00550   0.00561   0.00569
0.00574   0.00576
  4215058.00 | 0.00436   0.00456   0.00474   0.00490   0.00503   0.00512   0.00519
0.00523   0.00526
  4215038.00 | 0.00403   0.00420   0.00436   0.00450   0.00461   0.00469   0.00475
0.00479   0.00482
  4215018.00 | 0.00372   0.00388   0.00402   0.00415   0.00425   0.00432   0.00437
0.00441   0.00443
  4214998.00 | 0.00346   0.00360   0.00373   0.00384   0.00392   0.00399   0.00403
0.00407   0.00409
  4214978.00 | 0.00322   0.00334   0.00346   0.00356   0.00364   0.00369   0.00373
0.00376   0.00379

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                 *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
                L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
                L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
                L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
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  4215958.00 | 0.00560   0.00568   0.00573   0.00573   0.00567   0.00553   0.00532
0.00506   0.00476

4215938.00	0.00619	0.00627	0.00630	0.00627	0.00615	0.00594	0.00566	0.00534	0.00501
4215918.00	0.00688	0.00694	0.00694	0.00685	0.00666	0.00637	0.00603	0.00565	0.00527
4215898.00	0.00767	0.00771	0.00766	0.00749	0.00721	0.00684	0.00641	0.00597	0.00555
4215878.00	0.00859	0.00859	0.00846	0.00819	0.00780	0.00733	0.00682	0.00633	0.00588
4215858.00	0.00966	0.00959	0.00935	0.00896	0.00844	0.00786	0.00727	0.00673	0.00625
4215838.00	0.01091	0.01073	0.01034	0.00978	0.00912	0.00843	0.00778	0.00718	0.00667
4215818.00	0.01237	0.01202	0.01143	0.01069	0.00987	0.00907	0.00835	0.00770	0.00715
4215798.00	0.01407	0.01348	0.01265	0.01169	0.01071	0.00981	0.00900	0.00830	0.00768
4215778.00	0.01606	0.01515	0.01402	0.01282	0.01167	0.01064	0.00974	0.00896	0.00826
4215758.00	0.01838	0.01705	0.01557	0.01410	0.01277	0.01160	0.01058	0.00968	0.00887
4215738.00	0.02110	0.01925	0.01735	0.01559	0.01403	0.01268	0.01149	0.01043	0.00947
4215718.00	0.02432	0.02181	0.01942	0.01730	0.01545	0.01384	0.01242	0.01116	0.01002
4215698.00	0.02810	0.02484	0.02183	0.01922	0.01697	0.01503	0.01332	0.01183	0.01051
4215678.00	0.03271	0.02834	0.02454	0.02128	0.01852	0.01616	0.01413	0.01239	0.01088
4215658.00	0.03818	0.03230	0.02744	0.02335	0.01997	0.01715	0.01478	0.01279	0.01112
4215638.00	0.04442	0.03653	0.03023	0.02524	0.02117	0.01788	0.01520	0.01300	0.01120
4215618.00	0.05096	0.04056	0.03268	0.02663	0.02196	0.01825	0.01532	0.01298	0.01109
4215598.00	0.05695	0.04376	0.03432	0.02737	0.02221	0.01821	0.01513	0.01273	0.01082
4215578.00	0.06112	0.04550	0.03482	0.02727	0.02180	0.01774	0.01465	0.01227	0.01041
4215558.00	0.06260	0.04531	0.03402	0.02634	0.02092	0.01695	0.01396	0.01169	0.00991
4215538.00	0.06092	0.04332	0.03225	0.02485	0.01973	0.01596	0.01317	0.01105	0.00939
4215518.00	0.05692	0.04030	0.03001	0.02322	0.01843	0.01497	0.01240	0.01044	0.00890
4215498.00	0.05220	0.03726	0.02793	0.02169	0.01731	0.01412	0.01173	0.00990	0.00847
4215478.00	0.04832	0.03486	0.02633	0.02053	0.01645	0.01347	0.01121	0.00948	0.00812
4215458.00	0.04504	0.03304	0.02513	0.01971	0.01586	0.01301	0.01086	0.00918	0.00787
4215438.00	0.04162	0.03122	0.02409	0.01905	0.01540	0.01270	0.01062	0.00899	0.00770
4215418.00	0.03779	0.02914	0.02292	0.01839	0.01500	0.01243	0.01043	0.00885	0.00759
4215398.00	0.03394	0.02686	0.02156	0.01756	0.01451	0.01211	0.01023	0.00872	0.00750
4215378.00	0.03027	0.02459	0.02009	0.01662	0.01388	0.01171	0.00997	0.00856	0.00740
4215358.00	0.02689	0.02239	0.01863	0.01563	0.01320	0.01124	0.00965	0.00834	0.00725
4215338.00	0.02382	0.02032	0.01722	0.01462	0.01248	0.01072	0.00927	0.00807	0.00707
4215318.00	0.02107	0.01839	0.01587	0.01365	0.01176	0.01017	0.00887	0.00777	0.00686
4215298.00	0.01862	0.01660	0.01459	0.01271	0.01106	0.00965	0.00846	0.00746	0.00662
4215278.00	0.01649	0.01497	0.01337	0.01182	0.01040	0.00914	0.00806	0.00714	0.00637
4215258.00	0.01462	0.01348	0.01223	0.01096	0.00976	0.00865	0.00768		

0.00684   0.00612
  4215238.00 | 0.01301   0.01215   0.01118   0.01015   0.00914   0.00818   0.00731
0.00654   0.00588
  4215218.00 | 0.01161   0.01097   0.01022   0.00938   0.00854   0.00772   0.00695
0.00625   0.00563
  4215198.00 | 0.01040   0.00992   0.00933   0.00867   0.00796   0.00727   0.00660
0.00598   0.00541
  4215178.00 | 0.00935   0.00899   0.00852   0.00799   0.00742   0.00684   0.00626
0.00570   0.00519

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,
L0001378   ,
L0001379   , L0001380   , L0001381   , L0001382   , L0001383   , L0001384   , L0001385   ,
L0001386   ,
L0001387   , L0001388   , L0001389   , L0001390   , L0001391   , L0001392   , L0001393   ,
L0001394   ,
L0001395   , L0001396   , L0001397   , L0001398   , L0001399   , L0001400   , L0001401   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
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  4215158.00 | 0.00843   0.00816   0.00780   0.00737   0.00690   0.00642   0.00592
0.00543   0.00497
  4215138.00 | 0.00762   0.00742   0.00715   0.00681   0.00643   0.00602   0.00560
0.00518   0.00476
  4215118.00 | 0.00691   0.00677   0.00656   0.00629   0.00598   0.00565   0.00529
0.00492   0.00456
  4215098.00 | 0.00629   0.00619   0.00603   0.00582   0.00557   0.00529   0.00499
0.00468   0.00436
  4215078.00 | 0.00574   0.00567   0.00556   0.00539   0.00519   0.00496   0.00471
0.00444   0.00416
  4215058.00 | 0.00525   0.00521   0.00513   0.00500   0.00484   0.00465   0.00443
0.00420   0.00396
  4215038.00 | 0.00482   0.00480   0.00474   0.00464   0.00451   0.00435   0.00417
0.00398   0.00377
  4215018.00 | 0.00444   0.00443   0.00439   0.00431   0.00421   0.00408   0.00393
0.00376   0.00358
  4214998.00 | 0.00410   0.00410   0.00407   0.00401   0.00393   0.00382   0.00370
0.00356   0.00340
  4214978.00 | 0.00380   0.00380   0.00378   0.00374   0.00368   0.00359   0.00348
0.00336   0.00323

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
INCLUDING SOURCE(S):   L0001374   , L0001375   , L0001376   , L0001377   ,

L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 ,
L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 ,
L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.00446	0.00418	0.00392	0.00368	0.00348
4215938.00	0.00468	0.00437	0.00410	0.00386	0.00366
4215918.00	0.00491	0.00459	0.00431	0.00407	0.00385
4215898.00	0.00517	0.00484	0.00455	0.00430	0.00407
4215878.00	0.00548	0.00513	0.00482	0.00456	0.00431
4215858.00	0.00582	0.00545	0.00513	0.00483	0.00456
4215838.00	0.00622	0.00582	0.00546	0.00513	0.00482
4215818.00	0.00666	0.00621	0.00581	0.00543	0.00507
4215798.00	0.00713	0.00663	0.00616	0.00572	0.00530
4215778.00	0.00763	0.00704	0.00650	0.00599	0.00551
4215758.00	0.00813	0.00744	0.00681	0.00623	0.00569
4215738.00	0.00859	0.00780	0.00707	0.00642	0.00584
4215718.00	0.00901	0.00810	0.00729	0.00657	0.00594
4215698.00	0.00935	0.00833	0.00744	0.00667	0.00599
4215678.00	0.00959	0.00848	0.00753	0.00671	0.00600
4215658.00	0.00972	0.00853	0.00753	0.00668	0.00595
4215638.00	0.00971	0.00847	0.00744	0.00657	0.00583
4215618.00	0.00956	0.00831	0.00727	0.00640	0.00567
4215598.00	0.00929	0.00805	0.00703	0.00618	0.00547
4215578.00	0.00892	0.00772	0.00674	0.00594	0.00526
4215558.00	0.00850	0.00737	0.00645	0.00568	0.00504
4215538.00	0.00808	0.00702	0.00615	0.00544	0.00483
4215518.00	0.00768	0.00669	0.00587	0.00520	0.00464
4215498.00	0.00732	0.00639	0.00562	0.00499	0.00445
4215478.00	0.00703	0.00614	0.00541	0.00481	0.00429
4215458.00	0.00681	0.00596	0.00525	0.00466	0.00417
4215438.00	0.00667	0.00583	0.00514	0.00456	0.00408
4215418.00	0.00658	0.00575	0.00507	0.00450	0.00402
4215398.00	0.00651	0.00570	0.00502	0.00446	0.00398
4215378.00	0.00644	0.00565	0.00499	0.00443	0.00396
4215358.00	0.00635	0.00559	0.00494	0.00440	0.00394
4215338.00	0.00623	0.00551	0.00489	0.00436	0.00391
4215318.00	0.00607	0.00540	0.00482	0.00431	0.00388
4215298.00	0.00589	0.00527	0.00472	0.00425	0.00383
4215278.00	0.00570	0.00512	0.00461	0.00416	0.00377
4215258.00	0.00550	0.00495	0.00448	0.00406	0.00369
4215238.00	0.00529	0.00479	0.00434	0.00395	0.00361
4215218.00	0.00509	0.00462	0.00420	0.00384	0.00351
4215198.00	0.00490	0.00446	0.00407	0.00372	0.00341
4215178.00	0.00472	0.00431	0.00394	0.00361	0.00331

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL
***
INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 ,
L0001378 ,

```
                L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
                L0001387    , L0001388    , L0001389    , L0001390    , L0001391    , L0001392    , L0001393    ,
L0001394    ,
                L0001395    , L0001396    , L0001397    , L0001398    , L0001399    , L0001400    , L0001401    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539644.00    539664.00    539684.00    539704.00    539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.00454      0.00416      0.00381      0.00350      0.00322
  4215138.00 |       0.00438      0.00402      0.00369      0.00339      0.00313
  4215118.00 |       0.00421      0.00388      0.00357      0.00330      0.00304
  4215098.00 |       0.00404      0.00374      0.00346      0.00320      0.00296
  4215078.00 |       0.00388      0.00361      0.00335      0.00310      0.00288
  4215058.00 |       0.00372      0.00347      0.00324      0.00301      0.00280
  4215038.00 |       0.00356      0.00334      0.00312      0.00292      0.00272
  4215018.00 |       0.00340      0.00320      0.00301      0.00282      0.00264
  4214998.00 |       0.00324      0.00307      0.00290      0.00273      0.00256
  4214978.00 |       0.00309      0.00294      0.00279      0.00264      0.00248
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 239
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     L0001374    , L0001375    , L0001376    , L0001377    ,
L0001378    ,
                L0001379    , L0001380    , L0001381    , L0001382    , L0001383    , L0001384    , L0001385    ,
L0001386    ,
                L0001387    , L0001388    , L0001389    , L0001390    , L0001391    , L0001392    , L0001393    ,
L0001394    ,
                L0001395    , L0001396    , L0001397    , L0001398    , L0001399    , L0001400    , L0001401    ,
. . .       ,

                                     *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

      X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
        539341.84    4215428.70        0.13267                     539351.84    4215428.70        0.13584

        539361.84    4215428.70        0.13529                     539371.84    4215428.70        0.13093

        539381.84    4215428.70        0.12311                     539341.84    4215438.70        0.16621

        539351.84    4215438.70        0.17020                     539361.84    4215438.70        0.16880

        539371.84    4215438.70        0.16194                     539381.84    4215438.70        0.15010

        539341.84    4215448.70        0.21398                     539351.84    4215448.70        0.21921

        539361.84    4215448.70        0.21665                     539371.84    4215448.70        0.20580

        539381.84    4215448.70        0.18738                     539341.84    4215458.70        0.28546

        539351.84    4215458.70        0.29298                     539361.84    4215458.70        0.28866
```

539371.84	4215458.70	0.27126	539381.84	4215458.70	0.24127
539341.84	4215468.70	0.40041	539351.84	4215468.70	0.41253
539361.84	4215468.70	0.40582	539371.84	4215468.70	0.37690
539381.84	4215468.70	0.32519	539113.88	4215517.52	0.00810
539096.52	4215515.99	0.00678	539108.26	4215501.18	0.00744
539096.01	4215500.67	0.00660	539108.26	4215486.38	0.00731
539094.47	4215485.36	0.00640	539135.32	4215461.36	0.00935
539150.13	4215439.91	0.01051	539114.39	4215452.68	0.00742
539123.07	4215439.40	0.00789	539159.32	4215421.02	0.01097
539145.02	4215416.43	0.00929	539134.30	4215410.81	0.00821
539131.75	4215425.11	0.00833	539206.80	4215383.75	0.01579
539215.99	4215372.52	0.01648	539188.93	4215382.22	0.01278
539176.17	4215379.67	0.01103	539165.44	4215376.09	0.00975
539248.79	4215356.71	0.02122	539243.45	4215348.45	0.01890
539265.58	4215345.25	0.02263	539260.78	4215338.05	0.02046
539256.25	4215351.38	0.02188	539272.77	4215331.92	0.02140
539264.78	4215324.99	0.01904	539280.77	4215321.79	0.02075
539279.97	4215307.14	0.01826	539287.97	4215313.80	0.02025
539297.83	4215304.74	0.01975	539289.56	4215296.21	0.01761
539311.15	4215287.68	0.01810	539303.69	4215281.28	0.01665
539303.69	4215296.21	0.01886	539314.25	4215271.79	0.01606
539329.09	4215260.48	0.01541	539339.69	4215237.16	0.01328
539357.36	4215232.92	0.01336	539394.11	4215199.70	0.01106
539044.99	4215579.21	0.00515	539034.39	4215591.93	0.00494
539054.88	4215556.59	0.00518	539058.42	4215538.92	0.00508
539054.88	4215520.55	0.00476	539082.44	4215477.44	0.00571
539073.96	4215466.13	0.00526	539098.70	4215440.69	0.00626
539109.30	4215426.56	0.00672	539117.07	4215415.96	0.00706
539125.55	4215401.11	0.00734	539158.77	4215367.19	0.00880
539150.29	4215357.30	0.00782	539184.21	4215339.63	0.00996
539222.37	4215324.79	0.01331	539243.58	4215317.72	0.01530

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001374 , L0001375 , L0001376 , L0001377 , L0001378 ,
L0001379 , L0001380 , L0001381 , L0001382 , L0001383 , L0001384 , L0001385 , L0001386 ,
L0001387 , L0001388 , L0001389 , L0001390 , L0001391 , L0001392 , L0001393 , L0001394 ,
L0001395 , L0001396 , L0001397 , L0001398 , L0001399 , L0001400 , L0001401 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.01046	539364.42	4215191.93	0.01022
539344.64	4215200.41	0.01042	539409.65	4215113.48	0.00679
539355.94	4215136.80	0.00730	539262.66	4215288.75	0.01432
539282.44	4215261.19	0.01304	539299.41	4215235.04	0.01161
538948.91	4216164.24	0.00209	539351.64	4215795.94	0.01386
539171.40	4215646.30	0.02680	539358.95	4215583.01	0.43170
539293.80	4215538.56	0.55816	539260.82	4215517.04	0.17717
539279.41	4215503.60	0.30013	539292.18	4215495.55	0.38307
539318.95	4215487.21	0.52753	539337.11	4215482.84	0.56984
539356.14	4215482.00	0.57681	539369.89	4215483.02	0.54604
539384.66	4215486.57	0.38128	539391.49	4215490.91	0.42088
539342.66	4215571.90	0.61500	539326.38	4215560.79	0.64881
539310.09	4215549.67	0.65557	539277.31	4215527.80	0.36719
539270.11	4215510.32	0.24016	539305.56	4215491.38	0.47953
539384.98	4215509.33	0.58012	539378.47	4215527.75	0.68904
539371.97	4215546.17	0.68927	539365.46	4215564.59	0.60524

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID

```
ALL       1ST HIGHEST VALUE IS       1.02528 AT (  539344.00,  4215518.00,     9.70,   567.00,    1.50)  GC  UCART1

          2ND HIGHEST VALUE IS       0.97655 AT (  539344.00,  4215538.00,     9.50,   567.00,    1.50)  GC  UCART1

          3RD HIGHEST VALUE IS       0.92597 AT (  539324.00,  4215518.00,     9.90,   567.00,    1.50)  GC  UCART1

          4TH HIGHEST VALUE IS       0.91947 AT (  539364.00,  4215518.00,     9.40,   567.00,    1.50)  GC  UCART1

          5TH HIGHEST VALUE IS       0.85722 AT (  539364.00,  4215538.00,     9.20,   567.00,    1.50)  GC  UCART1

          6TH HIGHEST VALUE IS       0.85314 AT (  539324.00,  4215538.00,     9.80,   567.00,    1.50)  GC  UCART1

          7TH HIGHEST VALUE IS       0.72798 AT (  539344.00,  4215558.00,     9.30,   567.00,    1.50)  GC  UCART1

          8TH HIGHEST VALUE IS       0.70429 AT (  539304.00,  4215518.00,    10.00,   567.00,    1.50)  GC  UCART1

          9TH HIGHEST VALUE IS       0.68927 AT (  539371.97,  4215546.17,     9.02,   567.00,    1.50)  DC

         10TH HIGHEST VALUE IS       0.68904 AT (  539378.47,  4215527.75,     9.13,   567.00,    1.50)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/18/25
 *** AERMET - VERSION  18081 ***   *** NOVATO CONSTRUCTION NO2 MITIGATED                                  ***
  10:31:13

  PAGE 242
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of        22066 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of        12563 Calm Hours Identified

 A Total of         9503 Missing Hours Identified ( 21.67 Percent)

 CAUTION!:  Number of Missing Hours Exceeds 10 Percent of Total!
            Data May Not Be Acceptable for Regulatory Applications.
            See Section 5.3.2 of "Meteorological Monitoring Guidance
            for Regulatory Modeling Applications" (EPA-454/R-99-005).


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***

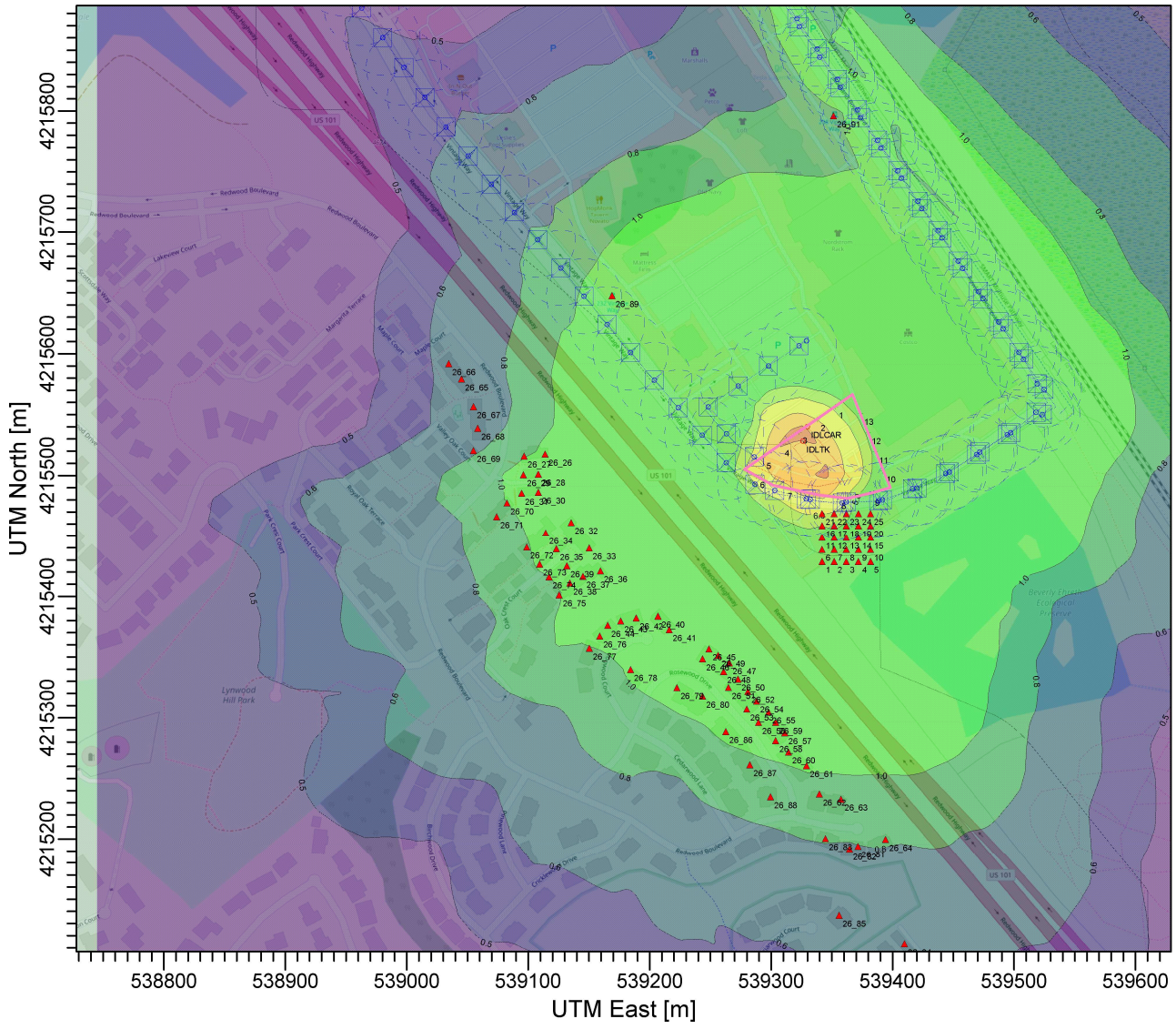

    ********   WARNING MESSAGES   ********
 ME W187    2488       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
 MX W481   43849         MAIN: Data Remaining After End of Year. Number of Hours=           24

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

Localized NO_2 AERMOD Output - Operation

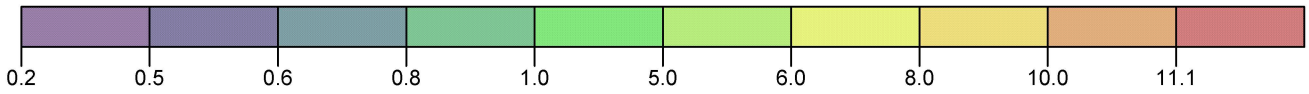
PROJECT TITLE:

Novato Costco
Operational NO2 1Hour 1H1



PLOT FILE OF 1ST-HIGHEST MAX DAILY 1-HR VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ug/m^3

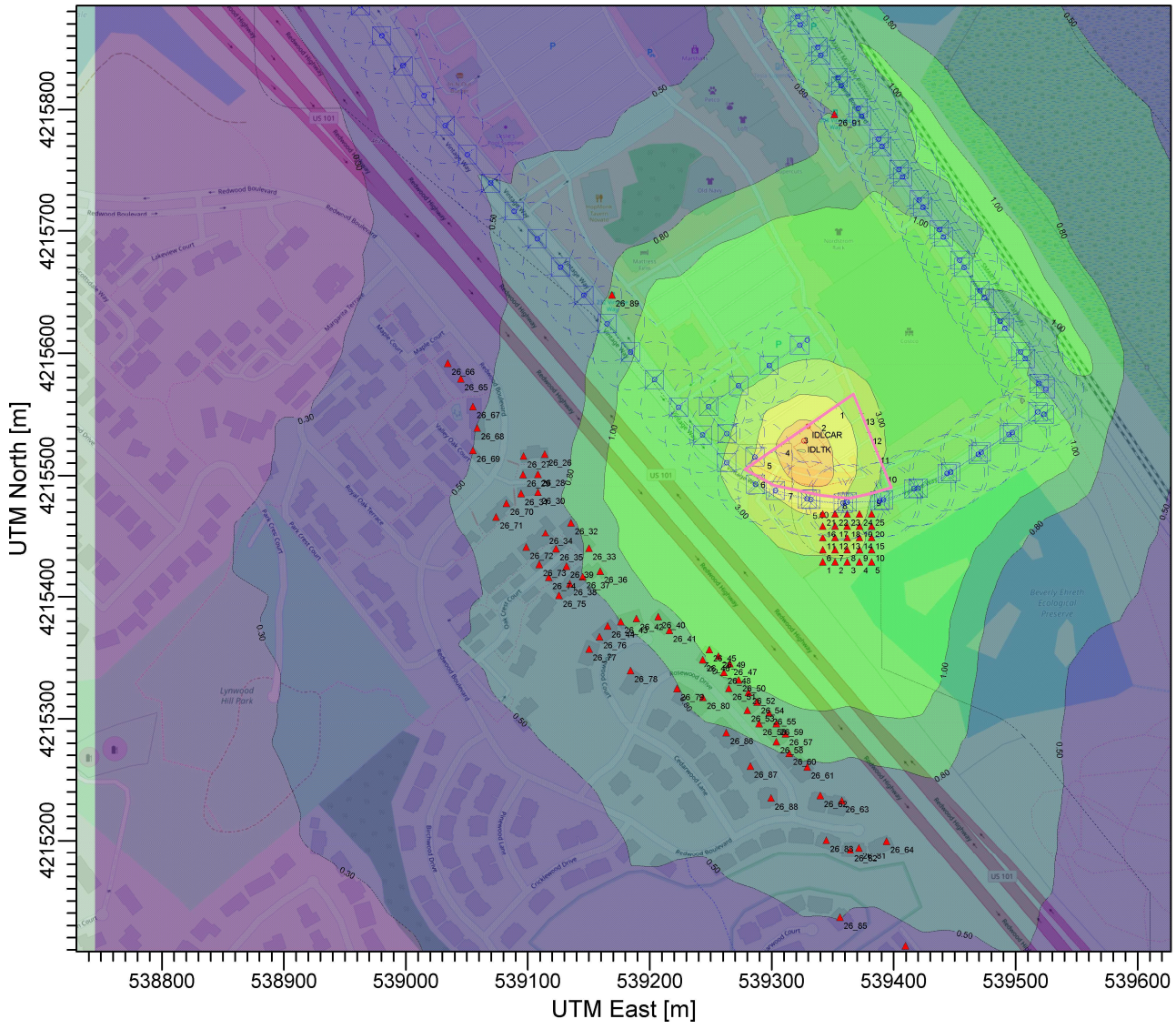
Max: 11.1 [ug/m^3] at (539322.94, 4215535.70)



COMMENTS:	SOURCES: **8**	COMPANY NAME:	
	RECEPTORS: **2611**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:5,664 0 0.2 km	
	MAX: **11.1 ug/m^3**	DATE: **7/25/2025**	PROJECT NO.:

PROJECT TITLE:

Novato Costco
Operational NO2 1Hour 1H8



PLOT FILE OF 8TH-HIGHEST MAX DAILY 1-HR VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ug/m^3

Max: 10.02 [ug/m^3] at (539322.94, 4215535.70)



COMMENTS:	SOURCES: **8**	COMPANY NAME:	
	RECEPTORS: **2611**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:5,640 — 0 — 0.2 km	
	MAX: **10.02 ug/m^3**	DATE: **7/25/2025**	PROJECT NO.:

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/15/2025
** FILE: C:\LAKES\PROJECT FILES\NOVATO OPS NO2_1HR_JULY 2025\NOVATO OPS NO2_1HR_JULY 2025.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -
   TITLETWO NOVATO OPERATIONAL NO2 1HR
   MODELOPT DFAULT CONC ARM2
   AVERTIME 1
   URBANOPT 260206 2021_MARIN_COUNTY_POPULATION
   POLLUTID NO2
   FLAGPOLE 1.50
   RUNORNOT RUN
** NO2 CONVERSION OPTIONS
   ARMRATIO 0.500 0.900
   ERRORFIL "NOVATO OPS NO2_1HR_JULY 2025.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR1
** DESCRSRC CAR TRAFFIC 1  100%  ALL CAR TRAFFIC
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0024485609
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 4
** 538657.948, 4216139.463, 9.85, 1.30, 18.60
** 538860.695, 4216308.698, 6.29, 1.30, 18.60
** 538931.070, 4216320.427, 4.65, 1.30, 18.60
** 539009.823, 4216298.644, 5.58, 1.30, 18.60
** ------------------------------------------------------------------
   LOCATION L0001030     VOLUME   538665.625 4216145.871 9.72
   LOCATION L0001031     VOLUME   538696.333 4216171.503 9.18
   LOCATION L0001032     VOLUME   538727.041 4216197.135 8.64
   LOCATION L0001033     VOLUME   538757.749 4216222.768 8.10
   LOCATION L0001034     VOLUME   538788.457 4216248.400 7.56
   LOCATION L0001035     VOLUME   538819.165 4216274.032 7.02
   LOCATION L0001036     VOLUME   538849.873 4216299.665 6.48
   LOCATION L0001037     VOLUME   538886.246 4216312.956 5.69
   LOCATION L0001038     VOLUME   538925.702 4216319.532 4.78
   LOCATION L0001039     VOLUME   538964.377 4216311.214 5.04
   LOCATION L0001040     VOLUME   539002.930 4216300.551 5.50
** END OF LINE VOLUME SOURCE ID = CAR1
** ------------------------------------------------------------------
```

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** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR2
** DESCRSRC CAR ROWLAND BLVD ONSITE - 100% NEW AND DIVERT 50% PASSBY
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0037043996
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 10
** 539018.623, 4216295.211, 5.33, 1.30, 13.95
** 539100.616, 4216197.358, 5.64, 1.30, 13.95
** 539296.795, 4215912.753, 6.95, 1.30, 13.95
** 539509.151, 4215593.218, 8.34, 1.30, 13.95
** 539527.582, 4215559.706, 8.31, 1.30, 13.95
** 539500.491, 4215537.478, 8.50, 1.30, 13.95
** 539447.880, 4215503.603, 9.60, 1.30, 13.95
** 539395.527, 4215479.689, 9.89, 1.30, 13.95
** 539351.935, 4215477.134, 10.17, 1.30, 13.95
** 539301.210, 4215485.453, 10.32, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001041     VOLUME   539023.440 4216289.462 5.35
   LOCATION L0001042     VOLUME   539042.708 4216266.467 5.42
   LOCATION L0001043     VOLUME   539061.976 4216243.473 5.49
   LOCATION L0001044     VOLUME   539081.243 4216220.478 5.57
   LOCATION L0001045     VOLUME   539100.511 4216197.483 5.64
   LOCATION L0001046     VOLUME   539117.550 4216172.791 5.75
   LOCATION L0001047     VOLUME   539134.576 4216148.091 5.87
   LOCATION L0001048     VOLUME   539151.602 4216123.390 5.98
   LOCATION L0001049     VOLUME   539168.628 4216098.689 6.09
   LOCATION L0001050     VOLUME   539185.655 4216073.989 6.21
   LOCATION L0001051     VOLUME   539202.681 4216049.288 6.32
   LOCATION L0001052     VOLUME   539219.707 4216024.588 6.44
   LOCATION L0001053     VOLUME   539236.733 4215999.887 6.55
   LOCATION L0001054     VOLUME   539253.760 4215975.186 6.66
   LOCATION L0001055     VOLUME   539270.786 4215950.486 6.78
   LOCATION L0001056     VOLUME   539287.812 4215925.785 6.89
   LOCATION L0001057     VOLUME   539304.640 4215900.950 7.00
   LOCATION L0001058     VOLUME   539321.244 4215875.964 7.11
   LOCATION L0001059     VOLUME   539337.849 4215850.978 7.22
   LOCATION L0001060     VOLUME   539354.454 4215825.992 7.33
   LOCATION L0001061     VOLUME   539371.059 4215801.007 7.44
   LOCATION L0001062     VOLUME   539387.664 4215776.021 7.54
   LOCATION L0001063     VOLUME   539404.269 4215751.035 7.65
   LOCATION L0001064     VOLUME   539420.874 4215726.049 7.76
   LOCATION L0001065     VOLUME   539437.479 4215701.063 7.87
   LOCATION L0001066     VOLUME   539454.084 4215676.078 7.98
   LOCATION L0001067     VOLUME   539470.689 4215651.092 8.09
   LOCATION L0001068     VOLUME   539487.294 4215626.106 8.20
   LOCATION L0001069     VOLUME   539503.899 4215601.120 8.31
   LOCATION L0001070     VOLUME   539519.036 4215575.245 8.32
   LOCATION L0001071     VOLUME   539518.099 4215551.926 8.38
   LOCATION L0001072     VOLUME   539494.418 4215533.568 8.63
   LOCATION L0001073     VOLUME   539469.194 4215517.327 9.15
   LOCATION L0001074     VOLUME   539443.650 4215501.671 9.62
   LOCATION L0001075     VOLUME   539416.362 4215489.206 9.77
   LOCATION L0001076     VOLUME   539388.445 4215479.274 9.94
   LOCATION L0001077     VOLUME   539358.496 4215477.519 10.13
   LOCATION L0001078     VOLUME   539328.816 4215480.926 10.24
** END OF LINE VOLUME SOURCE ID = CAR2
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR3
** DESCRSRC VINTAGE WAY  50% PASSBY
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0006945917
** VERTICAL DIMENSION = 2.60
```

```
** SZINIT = 1.21
** NODES = 9
** 539013.174, 4216286.915, 5.37, 1.30, 13.95
** 538923.337, 4216156.160, 6.97, 1.30, 13.95
** 538889.930, 4216083.582, 7.96, 1.30, 13.95
** 538891.460, 4216012.407, 8.87, 1.30, 13.95
** 538909.287, 4215960.174, 8.79, 1.30, 13.95
** 539039.984, 4215775.858, 10.19, 1.30, 13.95
** 539180.734, 4215604.947, 9.99, 1.30, 13.95
** 539271.216, 4215501.060, 10.89, 1.30, 13.95
** 539293.150, 4215489.589, 10.38, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001079     VOLUME   539008.927 4216280.733 5.45
   LOCATION L0001080     VOLUME   538991.939 4216256.007 5.75
   LOCATION L0001081     VOLUME   538974.950 4216231.281 6.05
   LOCATION L0001082     VOLUME   538957.961 4216206.555 6.35
   LOCATION L0001083     VOLUME   538940.973 4216181.828 6.66
   LOCATION L0001084     VOLUME   538923.984 4216157.102 6.96
   LOCATION L0001085     VOLUME   538911.271 4216129.947 7.33
   LOCATION L0001086     VOLUME   538898.727 4216102.695 7.70
   LOCATION L0001087     VOLUME   538890.122 4216074.625 8.07
   LOCATION L0001088     VOLUME   538890.767 4216044.632 8.46
   LOCATION L0001089     VOLUME   538891.412 4216014.638 8.84
   LOCATION L0001090     VOLUME   538900.429 4215986.127 8.83
   LOCATION L0001091     VOLUME   538910.778 4215958.072 8.81
   LOCATION L0001092     VOLUME   538928.130 4215933.600 8.99
   LOCATION L0001093     VOLUME   538945.483 4215909.128 9.18
   LOCATION L0001094     VOLUME   538962.836 4215884.656 9.36
   LOCATION L0001095     VOLUME   538980.189 4215860.184 9.55
   LOCATION L0001096     VOLUME   538997.542 4215835.712 9.74
   LOCATION L0001097     VOLUME   539014.895 4215811.240 9.92
   LOCATION L0001098     VOLUME   539032.248 4215786.768 10.11
   LOCATION L0001099     VOLUME   539050.553 4215763.024 10.17
   LOCATION L0001100     VOLUME   539069.624 4215739.867 10.15
   LOCATION L0001101     VOLUME   539088.695 4215716.709 10.12
   LOCATION L0001102     VOLUME   539107.766 4215693.551 10.09
   LOCATION L0001103     VOLUME   539126.838 4215670.393 10.07
   LOCATION L0001104     VOLUME   539145.909 4215647.235 10.04
   LOCATION L0001105     VOLUME   539164.980 4215624.077 10.01
   LOCATION L0001106     VOLUME   539184.161 4215601.012 10.02
   LOCATION L0001107     VOLUME   539203.865 4215578.390 10.22
   LOCATION L0001108     VOLUME   539223.568 4215555.767 10.42
   LOCATION L0001109     VOLUME   539243.272 4215533.145 10.61
   LOCATION L0001110     VOLUME   539262.975 4215510.522 10.81
   LOCATION L0001111     VOLUME   539286.681 4215492.973 10.53
** END OF LINE VOLUME SOURCE ID = CAR3
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK1
** DESCRSRC ROWLAND BLVD FROM FREEWAY
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0001626434
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 5
** 538657.948, 4216141.138, 8.89, 3.40, 18.60
** 538850.641, 4216298.644, 6.34, 3.40, 18.60
** 538924.368, 4216322.103, 4.67, 3.40, 18.60
** 539001.445, 4216303.671, 5.69, 3.40, 18.60
** 539021.552, 4216281.888, 5.26, 3.40, 18.60
** ----------------------------------------------------------------------
   LOCATION L0001112     VOLUME   538665.690 4216147.467 8.79
   LOCATION L0001113     VOLUME   538696.661 4216172.782 8.38
   LOCATION L0001114     VOLUME   538727.631 4216198.097 7.97
   LOCATION L0001115     VOLUME   538758.601 4216223.411 7.56
   LOCATION L0001116     VOLUME   538789.572 4216248.726 7.15
   LOCATION L0001117     VOLUME   538820.542 4216274.041 6.74
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   LOCATION L0001118     VOLUME   538851.713 4216298.985 6.32
   LOCATION L0001119     VOLUME   538889.830 4216311.113 5.45
   LOCATION L0001120     VOLUME   538928.021 4216321.229 4.72
   LOCATION L0001121     VOLUME   538966.924 4216311.926 5.23
   LOCATION L0001122     VOLUME   539004.501 4216300.360 5.62
** END OF LINE VOLUME SOURCE ID = TK1
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK2
** DESCRSRC ROWLAND ONSITE
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0004324199
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 10
** 539021.248, 4216287.114, 5.28, 3.40, 13.95
** 539076.057, 4216237.085, 5.21, 3.40, 13.95
** 539125.011, 4216165.074, 5.34, 3.40, 13.95
** 539225.253, 4216014.310, 6.21, 3.40, 13.95
** 539534.285, 4215556.355, 8.25, 3.40, 13.95
** 539487.368, 4215529.546, 8.50, 3.40, 13.95
** 539433.749, 4215494.358, 9.68, 3.40, 13.95
** 539387.246, 4215478.558, 9.91, 3.40, 13.95
** 539340.642, 4215478.235, 10.18, 3.40, 13.95
** 539294.027, 4215490.117, 10.38, 3.40, 13.95
** ----------------------------------------------------------------
   LOCATION L0001123     VOLUME   539026.787 4216282.058 5.27
   LOCATION L0001124     VOLUME   539048.944 4216261.833 5.24
   LOCATION L0001125     VOLUME   539071.102 4216241.608 5.22
   LOCATION L0001126     VOLUME   539089.151 4216217.823 5.24
   LOCATION L0001127     VOLUME   539106.017 4216193.013 5.29
   LOCATION L0001128     VOLUME   539122.884 4216168.204 5.33
   LOCATION L0001129     VOLUME   539139.526 4216143.243 5.47
   LOCATION L0001130     VOLUME   539156.136 4216118.261 5.61
   LOCATION L0001131     VOLUME   539172.747 4216093.279 5.75
   LOCATION L0001132     VOLUME   539189.357 4216068.298 5.90
   LOCATION L0001133     VOLUME   539205.967 4216043.316 6.04
   LOCATION L0001134     VOLUME   539222.578 4216018.334 6.19
   LOCATION L0001135     VOLUME   539239.331 4215993.448 6.30
   LOCATION L0001136     VOLUME   539256.112 4215968.580 6.41
   LOCATION L0001137     VOLUME   539272.893 4215943.712 6.52
   LOCATION L0001138     VOLUME   539289.674 4215918.845 6.64
   LOCATION L0001139     VOLUME   539306.455 4215893.977 6.75
   LOCATION L0001140     VOLUME   539323.236 4215869.109 6.86
   LOCATION L0001141     VOLUME   539340.017 4215844.242 6.97
   LOCATION L0001142     VOLUME   539356.798 4215819.374 7.08
   LOCATION L0001143     VOLUME   539373.578 4215794.506 7.19
   LOCATION L0001144     VOLUME   539390.359 4215769.639 7.30
   LOCATION L0001145     VOLUME   539407.140 4215744.771 7.41
   LOCATION L0001146     VOLUME   539423.921 4215719.903 7.52
   LOCATION L0001147     VOLUME   539440.702 4215695.035 7.63
   LOCATION L0001148     VOLUME   539457.483 4215670.168 7.74
   LOCATION L0001149     VOLUME   539474.264 4215645.300 7.85
   LOCATION L0001150     VOLUME   539491.045 4215620.432 7.96
   LOCATION L0001151     VOLUME   539507.826 4215595.565 8.08
   LOCATION L0001152     VOLUME   539524.607 4215570.697 8.19
   LOCATION L0001153     VOLUME   539523.260 4215550.055 8.31
   LOCATION L0001154     VOLUME   539497.212 4215535.171 8.45
   LOCATION L0001155     VOLUME   539471.766 4215519.307 8.84
   LOCATION L0001156     VOLUME   539446.684 4215502.847 9.40
   LOCATION L0001157     VOLUME   539419.993 4215489.684 9.75
   LOCATION L0001158     VOLUME   539391.588 4215480.033 9.89
   LOCATION L0001159     VOLUME   539361.833 4215478.381 10.06
   LOCATION L0001160     VOLUME   539332.106 4215480.410 10.22
   LOCATION L0001161     VOLUME   539303.036 4215487.820 10.34
** END OF LINE VOLUME SOURCE ID = TK2
   LOCATION IDLTK        AREAPOLY   539326.205  4215528.256        9.840
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** DESCRSRC TRUCK IDLE
   LOCATION IDLCAR       AREAPOLY   539329.837  4215540.243        9.660
** DESCRSRC CAR IDLE
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR4
** DESCRSRC WAREHOUSE + GAS
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0003126171
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 5
** 539329.111, 4215610.714, 8.97, 1.30, 13.95
** 539250.648, 4215558.769, 10.16, 1.30, 13.95
** 539245.563, 4215553.683, 10.14, 1.30, 13.95
** 539269.901, 4215526.803, 10.10, 1.30, 13.95
** 539290.243, 4215512.273, 9.95, 1.30, 13.95
** ----------------------------------------------------------------
   LOCATION L0001162     VOLUME   539322.857 4215606.574 9.06
   LOCATION L0001163     VOLUME   539297.844 4215590.014 9.44
   LOCATION L0001164     VOLUME   539272.830 4215573.454 9.82
   LOCATION L0001165     VOLUME   539248.247 4215556.368 10.15
   LOCATION L0001166     VOLUME   539263.149 4215534.260 10.11
   LOCATION L0001167     VOLUME   539286.126 4215515.213 9.98
** END OF LINE VOLUME SOURCE ID = CAR4
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = CAR1
   SRCPARAM L0001030     0.0002225964      1.30     18.60      1.21
   SRCPARAM L0001031     0.0002225964      1.30     18.60      1.21
   SRCPARAM L0001032     0.0002225964      1.30     18.60      1.21
   SRCPARAM L0001033     0.0002225964      1.30     18.60      1.21
   SRCPARAM L0001034     0.0002225964      1.30     18.60      1.21
   SRCPARAM L0001035     0.0002225964      1.30     18.60      1.21
   SRCPARAM L0001036     0.0002225964      1.30     18.60      1.21
   SRCPARAM L0001037     0.0002225964      1.30     18.60      1.21
   SRCPARAM L0001038     0.0002225964      1.30     18.60      1.21
   SRCPARAM L0001039     0.0002225964      1.30     18.60      1.21
   SRCPARAM L0001040     0.0002225964      1.30     18.60      1.21
** ----------------------------------------------------------------
** LINE VOLUME SOURCE ID = CAR2
   SRCPARAM L0001041     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001042     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001043     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001044     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001045     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001046     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001047     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001048     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001049     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001050     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001051     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001052     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001053     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001054     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001055     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001056     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001057     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001058     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001059     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001060     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001061     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001062     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001063     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001064     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001065     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001066     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001067     0.0000974842      1.30     13.95      1.21
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   SRCPARAM L0001068     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001069     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001070     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001071     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001072     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001073     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001074     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001075     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001076     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001077     0.0000974842      1.30     13.95      1.21
   SRCPARAM L0001078     0.0000974842      1.30     13.95      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = CAR3
   SRCPARAM L0001079     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001080     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001081     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001082     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001083     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001084     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001085     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001086     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001087     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001088     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001089     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001090     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001091     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001092     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001093     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001094     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001095     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001096     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001097     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001098     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001099     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001100     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001101     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001102     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001103     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001104     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001105     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001106     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001107     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001108     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001109     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001110     0.0000210482      1.30     13.95      1.21
   SRCPARAM L0001111     0.0000210482      1.30     13.95      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = TK1
   SRCPARAM L0001112     0.0000147858      3.40     18.60      3.16
   SRCPARAM L0001113     0.0000147858      3.40     18.60      3.16
   SRCPARAM L0001114     0.0000147858      3.40     18.60      3.16
   SRCPARAM L0001115     0.0000147858      3.40     18.60      3.16
   SRCPARAM L0001116     0.0000147858      3.40     18.60      3.16
   SRCPARAM L0001117     0.0000147858      3.40     18.60      3.16
   SRCPARAM L0001118     0.0000147858      3.40     18.60      3.16
   SRCPARAM L0001119     0.0000147858      3.40     18.60      3.16
   SRCPARAM L0001120     0.0000147858      3.40     18.60      3.16
   SRCPARAM L0001121     0.0000147858      3.40     18.60      3.16
   SRCPARAM L0001122     0.0000147858      3.40     18.60      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = TK2
   SRCPARAM L0001123     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001124     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001125     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001126     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001127     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001128     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001129     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001130     0.0000110877      3.40     13.95      3.16
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   SRCPARAM L0001131     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001132     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001133     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001134     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001135     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001136     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001137     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001138     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001139     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001140     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001141     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001142     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001143     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001144     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001145     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001146     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001147     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001148     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001149     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001150     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001151     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001152     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001153     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001154     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001155     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001156     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001157     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001158     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001159     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001160     0.0000110877      3.40     13.95      3.16
   SRCPARAM L0001161     0.0000110877      3.40     13.95      3.16
** ------------------------------------------------------------------
   SRCPARAM IDLTK        6.5209E-06     4.000         4     0.930
   AREAVERT IDLTK        539326.205 4215528.256 539340.735 4215510.820
   AREAVERT IDLTK        539330.927 4215506.461 539317.850 4215523.533
   SRCPARAM IDLCAR       2.0298E-07     1.530         5     0.360
   AREAVERT IDLCAR       539329.837 4215540.243 539366.162 4215496.653
   AREAVERT IDLCAR       539338.555 4215490.841 539311.547 4215495.909
   AREAVERT IDLCAR       539283.341 4215509.367
** LINE VOLUME SOURCE ID = CAR4
   SRCPARAM L0001162     0.0000521029      1.30     13.95      1.21
   SRCPARAM L0001163     0.0000521029      1.30     13.95      1.21
   SRCPARAM L0001164     0.0000521029      1.30     13.95      1.21
   SRCPARAM L0001165     0.0000521029      1.30     13.95      1.21
   SRCPARAM L0001166     0.0000521029      1.30     13.95      1.21
   SRCPARAM L0001167     0.0000521029      1.30     13.95      1.21
** ------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "OPERATIONS"
** WEEKDAYS:
   EMISFACT L0001030     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001030     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001031     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001032     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001032     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001033     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001034     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001035     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001035     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001035     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001035     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001036     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001036     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001036     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001036     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001037     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001038     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001038     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001038     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001038     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001039     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001039     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001039     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001039     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001040     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001040     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001040     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001040     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001030     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001030     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001031     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001032     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001032     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001033     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001034     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001035     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001035     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001035     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001036     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001036     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001037     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001038     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001038     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001038     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001038     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001039     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001039     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001039     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001039     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001040     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001040     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001040     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001040     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001030     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001030     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001030     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001031     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001031     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001032     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001032     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001032     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001033     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001033     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001034     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001034     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001035     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001035     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001035     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001035     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001036     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001036     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001036     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001036     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001037     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001037     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001038     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001038     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001038     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001038     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001039     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001039     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001039     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001040     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001040     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001040     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001041     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001041     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001042     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001043     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001044     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001061     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001061     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001061     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001061     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001062     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001062     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001062     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001062     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001063     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001065     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001065     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001069     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** SATURDAY:
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EMISFACT L0001059     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001067     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001076     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001076     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0001076     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001077     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001078     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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    EMISFACT L0001078     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** SUNDAY:
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    EMISFACT L0001049     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001049     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001049     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001049     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001050     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001050     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001050     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001050     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001051     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001051     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001051     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001051     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001052     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001052     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001052     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001052     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001053     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001053     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001053     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001053     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001054     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001055     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001055     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001055     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001056     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001057     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001057     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001057     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001057     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001058     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001058     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001058     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001059     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001059     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001059     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001060     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001060     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001060     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001060     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001061     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001062     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001062     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001063     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001063     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001064     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001064     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001064     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001070     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001071     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** WEEKDAYS:
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   EMISFACT L0001079     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001079     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001080     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001089     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001089     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001095     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001098     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001098     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001102     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001103     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001104     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001104     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001104     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001104     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001105     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001105     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001105     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001106     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001106     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001106     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001107     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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** SATURDAY:
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   EMISFACT L0001079     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001109     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001111     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001111     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001112     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001112     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001112     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001112     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001113     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001113     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001113     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001113     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001114     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001114     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001114     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001114     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001112     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001112     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001112     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001112     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001113     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001113     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001113     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001113     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001114     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001114     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001114     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001114     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
    EMISFACT L0001112     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001112     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001112     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001112     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001113     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001113     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001113     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001113     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001114     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001114     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001114     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001114     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001115     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001115     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001116     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001116     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001117     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001117     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001118     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001118     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001119     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001119     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001120     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001120     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001121     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001121     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001122     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001122     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001123     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001124     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001131     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001131     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001131     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001132     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001132     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001133     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001133     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001133     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001134     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001137     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001138     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001138     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001148     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001150     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001151     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001153     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001154     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001155     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001156     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001157     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001158     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001159     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001160     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001161     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001123     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001124     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001131     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001131     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001132     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001133     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001133     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001133     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001133     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001134     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001134     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001135     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001135     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001135     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001136     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001136     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001136     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001136     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001137     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001137     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001137     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001138     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001139     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001139     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001139     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001139     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001140     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001140     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001140     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001145     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001148     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001150     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001150     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001150     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001150     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001151     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0001151     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001153     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001154     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001155     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001156     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001157     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001158     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001159     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001160     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001161     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
    EMISFACT L0001123     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001123     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001124     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001125     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001125     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001126     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001126     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001127     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001127     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001128     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001128     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001129     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001129     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001130     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001130     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001131     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001131     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001132     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001134     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001134     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001135     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001136     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001136     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001137     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001137     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001137     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001137     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001138     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001138     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001138     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001139     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001139     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001139     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001139     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001140     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001140     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001140     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001140     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001141     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001141     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001141     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001142     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001142     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001142     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001142     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001143     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001143     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001143     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001143     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001144     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001144     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001144     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001144     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001145     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001145     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001145     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001145     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001146     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001146     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001146     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001147     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001147     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001147     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001147     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001148     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001148     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001149     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001149     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001150     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001150     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001150     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001150     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001151     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001151     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001151     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001151     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001152     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001152     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001153     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001153     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001154     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001154     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001155     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001155     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001156     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001156     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001157     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001157     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001158     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001158     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001159     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001159     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001160     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001160     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001161     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001161     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT IDLTK        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
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   EMISFACT IDLTK        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT IDLTK        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT IDLCAR       HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT IDLCAR       HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT IDLCAR       HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001162     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001163     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001163     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001164     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001164     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001165     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001165     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001165     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001165     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001166     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001166     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001166     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001166     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001167     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001167     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001167     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001167     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001162     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001163     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001163     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001164     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001164     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001165     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001165     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001165     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001165     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001166     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001166     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001166     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001166     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001167     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001167     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001167     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001167     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001162     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001162     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001163     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001163     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001163     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001164     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001164     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001164     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001165     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001165     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001165     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001165     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001166     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001166     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001166     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001166     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001167     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001167     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001167     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001167     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**********************************
** AERMOD RECEPTOR PATHWAY
**********************************
**
**
RE STARTING
   INCLUDED "NOVATO OPS NO2_1HR_JULY 2025.ROU"
RE FINISHED
**
**********************************
** AERMOD METEOROLOGY PATHWAY
**********************************
**
**
ME STARTING
   SURFFILE "NOVATO OPS NO2_1HR_JULY 2025.SFC"
   PROFFILE "NOVATO OPS NO2_1HR_JULY 2025.PFL"
   SURFDATA 72040 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 1.0 METERS
ME FINISHED
**
**********************************
** AERMOD OUTPUT PATHWAY
**********************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST 8TH
   RECTABLE 1 1ST 8TH
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "NOVATO OPS NO2_1HR_JULY 2025.AD\01H1GALL.PLT" 31
   PLOTFILE   1 ALL 8TH "NOVATO OPS NO2_1HR_JULY 2025.AD\01H8GALL.PLT" 32
   MXDYBYYR ALL "NOVATO OPS NO2_1HR_JULY 2025.AD\MXDYBYYR_ALL_NO2.DAT" 33
   MAXDAILY ALL "NOVATO OPS NO2_1HR_JULY 2025.AD\MAXDAILY_ALL_NO2.DAT" 34
   SUMMFILE "NOVATO OPS NO2_1HR_JULY 2025.SUM"
```

```
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of           0 Fatal Error Message(s)
 A Total of           1 Warning Message(s)
 A Total of           0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W187    2192       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                            ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
         with a Minimum NO2/NOx Ratio of  0.500
         and a Maximum NO2/NOx Ratio of  0.900
      * Model Uses URBAN Dispersion Algorithm for the SBL for   140 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    260206.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NO2

 **Note that special processing requirements apply for the 1-hour NO2 NAAQS - check available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged across the number of years
modeled.
   For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values can be simulated using the MULTYEAR
keyword.
   Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a
   single multi-year meteorological data file using STARTEND keyword.

 **Model Calculates  1 Short Term Average(s) of:   1-HR
```

```
 **This Run Includes:    140 Source(s);       1 Source Group(s); and    2611 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    138 VOLUME source(s)
                 and:      2 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by Day (MAXDAILY Keyword)
          Model Outputs External File(s) of Maximum Daily 1-hr Values by Year (MXDYBYYR Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =
    0.0
                  Emission Units = GRAMS/SEC                              ;  Emission Rate Unit Factor =
0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.2 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   NOVATO OPS NO2_1HR_JULY 2025.ERR

 **File for Summary of Results:   NOVATO OPS NO2_1HR_JULY 2025.SUM

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
    07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.                (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0001030         0   0.22260E-03  538665.6 4216145.9     9.7     1.30    18.60     1.21     YES   HRDOW
NO
 L0001031         0   0.22260E-03  538696.3 4216171.5     9.2     1.30    18.60     1.21     YES   HRDOW
NO
 L0001032         0   0.22260E-03  538727.0 4216197.1     8.6     1.30    18.60     1.21     YES   HRDOW
```

NO
 L0001033 0 0.22260E-03 538757.7 4216222.8 8.1 1.30 18.60 1.21 YES HRDOW
NO
 L0001034 0 0.22260E-03 538788.5 4216248.4 7.6 1.30 18.60 1.21 YES HRDOW
NO
 L0001035 0 0.22260E-03 538819.2 4216274.0 7.0 1.30 18.60 1.21 YES HRDOW
NO
 L0001036 0 0.22260E-03 538849.9 4216299.7 6.5 1.30 18.60 1.21 YES HRDOW
NO
 L0001037 0 0.22260E-03 538886.2 4216313.0 5.7 1.30 18.60 1.21 YES HRDOW
NO
 L0001038 0 0.22260E-03 538925.7 4216319.5 4.8 1.30 18.60 1.21 YES HRDOW
NO
 L0001039 0 0.22260E-03 538964.4 4216311.2 5.0 1.30 18.60 1.21 YES HRDOW
NO
 L0001040 0 0.22260E-03 539002.9 4216300.6 5.5 1.30 18.60 1.21 YES HRDOW
NO
 L0001041 0 0.97484E-04 539023.4 4216289.5 5.3 1.30 13.95 1.21 YES HRDOW
NO
 L0001042 0 0.97484E-04 539042.7 4216266.5 5.4 1.30 13.95 1.21 YES HRDOW
NO
 L0001043 0 0.97484E-04 539062.0 4216243.5 5.5 1.30 13.95 1.21 YES HRDOW
NO
 L0001044 0 0.97484E-04 539081.2 4216220.5 5.6 1.30 13.95 1.21 YES HRDOW
NO
 L0001045 0 0.97484E-04 539100.5 4216197.5 5.6 1.30 13.95 1.21 YES HRDOW
NO
 L0001046 0 0.97484E-04 539117.6 4216172.8 5.8 1.30 13.95 1.21 YES HRDOW
NO
 L0001047 0 0.97484E-04 539134.6 4216148.1 5.9 1.30 13.95 1.21 YES HRDOW
NO
 L0001048 0 0.97484E-04 539151.6 4216123.4 6.0 1.30 13.95 1.21 YES HRDOW
NO
 L0001049 0 0.97484E-04 539168.6 4216098.7 6.1 1.30 13.95 1.21 YES HRDOW
NO
 L0001050 0 0.97484E-04 539185.7 4216074.0 6.2 1.30 13.95 1.21 YES HRDOW
NO
 L0001051 0 0.97484E-04 539202.7 4216049.3 6.3 1.30 13.95 1.21 YES HRDOW
NO
 L0001052 0 0.97484E-04 539219.7 4216024.6 6.4 1.30 13.95 1.21 YES HRDOW
NO
 L0001053 0 0.97484E-04 539236.7 4215999.9 6.5 1.30 13.95 1.21 YES HRDOW
NO
 L0001054 0 0.97484E-04 539253.8 4215975.2 6.7 1.30 13.95 1.21 YES HRDOW
NO
 L0001055 0 0.97484E-04 539270.8 4215950.5 6.8 1.30 13.95 1.21 YES HRDOW
NO
 L0001056 0 0.97484E-04 539287.8 4215925.8 6.9 1.30 13.95 1.21 YES HRDOW
NO
 L0001057 0 0.97484E-04 539304.6 4215901.0 7.0 1.30 13.95 1.21 YES HRDOW
NO
 L0001058 0 0.97484E-04 539321.2 4215876.0 7.1 1.30 13.95 1.21 YES HRDOW
NO
 L0001059 0 0.97484E-04 539337.8 4215851.0 7.2 1.30 13.95 1.21 YES HRDOW
NO
 L0001060 0 0.97484E-04 539354.5 4215826.0 7.3 1.30 13.95 1.21 YES HRDOW
NO
 L0001061 0 0.97484E-04 539371.1 4215801.0 7.4 1.30 13.95 1.21 YES HRDOW
NO
 L0001062 0 0.97484E-04 539387.7 4215776.0 7.5 1.30 13.95 1.21 YES HRDOW
NO
 L0001063 0 0.97484E-04 539404.3 4215751.0 7.6 1.30 13.95 1.21 YES HRDOW
NO
 L0001064 0 0.97484E-04 539420.9 4215726.0 7.8 1.30 13.95 1.21 YES HRDOW
NO
 L0001065 0 0.97484E-04 539437.5 4215701.1 7.9 1.30 13.95 1.21 YES HRDOW
NO
 L0001066 0 0.97484E-04 539454.1 4215676.1 8.0 1.30 13.95 1.21 YES HRDOW
NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0001067	0	0.97484E-04	539470.7	4215651.1	8.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001068	0	0.97484E-04	539487.3	4215626.1	8.2	1.30	13.95	1.21	YES	HRDOW	NO
L0001069	0	0.97484E-04	539503.9	4215601.1	8.3	1.30	13.95	1.21	YES	HRDOW	NO
L0001070	0	0.97484E-04	539519.0	4215575.2	8.3	1.30	13.95	1.21	YES	HRDOW	NO
L0001071	0	0.97484E-04	539518.1	4215551.9	8.4	1.30	13.95	1.21	YES	HRDOW	NO
L0001072	0	0.97484E-04	539494.4	4215533.6	8.6	1.30	13.95	1.21	YES	HRDOW	NO
L0001073	0	0.97484E-04	539469.2	4215517.3	9.2	1.30	13.95	1.21	YES	HRDOW	NO
L0001074	0	0.97484E-04	539443.7	4215501.7	9.6	1.30	13.95	1.21	YES	HRDOW	NO
L0001075	0	0.97484E-04	539416.4	4215489.2	9.8	1.30	13.95	1.21	YES	HRDOW	NO
L0001076	0	0.97484E-04	539388.4	4215479.3	9.9	1.30	13.95	1.21	YES	HRDOW	NO
L0001077	0	0.97484E-04	539358.5	4215477.5	10.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001078	0	0.97484E-04	539328.8	4215480.9	10.2	1.30	13.95	1.21	YES	HRDOW	NO
L0001079	0	0.21048E-04	539008.9	4216280.7	5.5	1.30	13.95	1.21	YES	HRDOW	NO
L0001080	0	0.21048E-04	538991.9	4216256.0	5.8	1.30	13.95	1.21	YES	HRDOW	NO
L0001081	0	0.21048E-04	538975.0	4216231.3	6.0	1.30	13.95	1.21	YES	HRDOW	NO
L0001082	0	0.21048E-04	538958.0	4216206.6	6.3	1.30	13.95	1.21	YES	HRDOW	NO
L0001083	0	0.21048E-04	538941.0	4216181.8	6.7	1.30	13.95	1.21	YES	HRDOW	NO
L0001084	0	0.21048E-04	538924.0	4216157.1	7.0	1.30	13.95	1.21	YES	HRDOW	NO
L0001085	0	0.21048E-04	538911.3	4216129.9	7.3	1.30	13.95	1.21	YES	HRDOW	NO
L0001086	0	0.21048E-04	538898.7	4216102.7	7.7	1.30	13.95	1.21	YES	HRDOW	NO
L0001087	0	0.21048E-04	538890.1	4216074.6	8.1	1.30	13.95	1.21	YES	HRDOW	NO
L0001088	0	0.21048E-04	538890.8	4216044.6	8.5	1.30	13.95	1.21	YES	HRDOW	NO
L0001089	0	0.21048E-04	538891.4	4216014.6	8.8	1.30	13.95	1.21	YES	HRDOW	NO
L0001090	0	0.21048E-04	538900.4	4215986.1	8.8	1.30	13.95	1.21	YES	HRDOW	NO
L0001091	0	0.21048E-04	538910.8	4215958.1	8.8	1.30	13.95	1.21	YES	HRDOW	NO
L0001092	0	0.21048E-04	538928.1	4215933.6	9.0	1.30	13.95	1.21	YES	HRDOW	

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NO
 L0001093         0   0.21048E-04  538945.5 4215909.1     9.2     1.30    13.95     1.21     YES   HRDOW
NO
 L0001094         0   0.21048E-04  538962.8 4215884.7     9.4     1.30    13.95     1.21     YES   HRDOW
NO
 L0001095         0   0.21048E-04  538980.2 4215860.2     9.6     1.30    13.95     1.21     YES   HRDOW
NO
 L0001096         0   0.21048E-04  538997.5 4215835.7     9.7     1.30    13.95     1.21     YES   HRDOW
NO
 L0001097         0   0.21048E-04  539014.9 4215811.2     9.9     1.30    13.95     1.21     YES   HRDOW
NO
 L0001098         0   0.21048E-04  539032.2 4215786.8    10.1     1.30    13.95     1.21     YES   HRDOW
NO
 L0001099         0   0.21048E-04  539050.6 4215763.0    10.2     1.30    13.95     1.21     YES   HRDOW
NO
 L0001100         0   0.21048E-04  539069.6 4215739.9    10.2     1.30    13.95     1.21     YES   HRDOW
NO
 L0001101         0   0.21048E-04  539088.7 4215716.7    10.1     1.30    13.95     1.21     YES   HRDOW
NO
 L0001102         0   0.21048E-04  539107.8 4215693.6    10.1     1.30    13.95     1.21     YES   HRDOW
NO
 L0001103         0   0.21048E-04  539126.8 4215670.4    10.1     1.30    13.95     1.21     YES   HRDOW
NO
 L0001104         0   0.21048E-04  539145.9 4215647.2    10.0     1.30    13.95     1.21     YES   HRDOW
NO
 L0001105         0   0.21048E-04  539165.0 4215624.1    10.0     1.30    13.95     1.21     YES   HRDOW
NO
 L0001106         0   0.21048E-04  539184.2 4215601.0    10.0     1.30    13.95     1.21     YES   HRDOW
NO
 L0001107         0   0.21048E-04  539203.9 4215578.4    10.2     1.30    13.95     1.21     YES   HRDOW
NO
 L0001108         0   0.21048E-04  539223.6 4215555.8    10.4     1.30    13.95     1.21     YES   HRDOW
NO
 L0001109         0   0.21048E-04  539243.3 4215533.1    10.6     1.30    13.95     1.21     YES   HRDOW
NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                              *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                   BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0001110         0   0.21048E-04  539263.0 4215510.5    10.8     1.30    13.95     1.21     YES   HRDOW
NO
 L0001111         0   0.21048E-04  539286.7 4215493.0    10.5     1.30    13.95     1.21     YES   HRDOW
NO
 L0001112         0   0.14786E-04  538665.7 4216147.5     8.8     3.40    18.60     3.16     YES   HRDOW
NO
 L0001113         0   0.14786E-04  538696.7 4216172.8     8.4     3.40    18.60     3.16     YES   HRDOW
NO
 L0001114         0   0.14786E-04  538727.6 4216198.1     8.0     3.40    18.60     3.16     YES   HRDOW
NO
 L0001115         0   0.14786E-04  538758.6 4216223.4     7.6     3.40    18.60     3.16     YES   HRDOW
NO
 L0001116         0   0.14786E-04  538789.6 4216248.7     7.1     3.40    18.60     3.16     YES   HRDOW
NO
 L0001117         0   0.14786E-04  538820.5 4216274.0     6.7     3.40    18.60     3.16     YES   HRDOW
NO
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 L0001118         0   0.14786E-04  538851.7 4216299.0     6.3     3.40    18.60     3.16     YES   HRDOW
NO
 L0001119         0   0.14786E-04  538889.8 4216311.1     5.5     3.40    18.60     3.16     YES   HRDOW
NO
 L0001120         0   0.14786E-04  538928.0 4216321.2     4.7     3.40    18.60     3.16     YES   HRDOW
NO
 L0001121         0   0.14786E-04  538966.9 4216311.9     5.2     3.40    18.60     3.16     YES   HRDOW
NO
 L0001122         0   0.14786E-04  539004.5 4216300.4     5.6     3.40    18.60     3.16     YES   HRDOW
NO
 L0001123         0   0.11088E-04  539026.8 4216282.1     5.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001124         0   0.11088E-04  539048.9 4216261.8     5.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001125         0   0.11088E-04  539071.1 4216241.6     5.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001126         0   0.11088E-04  539089.2 4216217.8     5.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001127         0   0.11088E-04  539106.0 4216193.0     5.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001128         0   0.11088E-04  539122.9 4216168.2     5.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001129         0   0.11088E-04  539139.5 4216143.2     5.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0001130         0   0.11088E-04  539156.1 4216118.3     5.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0001131         0   0.11088E-04  539172.7 4216093.3     5.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0001132         0   0.11088E-04  539189.4 4216068.3     5.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0001133         0   0.11088E-04  539206.0 4216043.3     6.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0001134         0   0.11088E-04  539222.6 4216018.3     6.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001135         0   0.11088E-04  539239.3 4215993.4     6.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001136         0   0.11088E-04  539256.1 4215968.6     6.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0001137         0   0.11088E-04  539272.9 4215943.7     6.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0001138         0   0.11088E-04  539289.7 4215918.8     6.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0001139         0   0.11088E-04  539306.5 4215894.0     6.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0001140         0   0.11088E-04  539323.2 4215869.1     6.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0001141         0   0.11088E-04  539340.0 4215844.2     7.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0001142         0   0.11088E-04  539356.8 4215819.4     7.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0001143         0   0.11088E-04  539373.6 4215794.5     7.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001144         0   0.11088E-04  539390.4 4215769.6     7.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001145         0   0.11088E-04  539407.1 4215744.8     7.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0001146         0   0.11088E-04  539423.9 4215719.9     7.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0001147         0   0.11088E-04  539440.7 4215695.0     7.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0001148         0   0.11088E-04  539457.5 4215670.2     7.7     3.40    13.95     3.16     YES   HRDOW
NO
 L0001149         0   0.11088E-04  539474.3 4215645.3     7.8     3.40    13.95     3.16     YES   HRDOW
NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02
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*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001150	0	0.11088E-04	539491.0	4215620.4	8.0	3.40	13.95	3.16	YES	HRDOW NO
L0001151	0	0.11088E-04	539507.8	4215595.6	8.1	3.40	13.95	3.16	YES	HRDOW NO
L0001152	0	0.11088E-04	539524.6	4215570.7	8.2	3.40	13.95	3.16	YES	HRDOW NO
L0001153	0	0.11088E-04	539523.3	4215550.1	8.3	3.40	13.95	3.16	YES	HRDOW NO
L0001154	0	0.11088E-04	539497.2	4215535.2	8.5	3.40	13.95	3.16	YES	HRDOW NO
L0001155	0	0.11088E-04	539471.8	4215519.3	8.8	3.40	13.95	3.16	YES	HRDOW NO
L0001156	0	0.11088E-04	539446.7	4215502.8	9.4	3.40	13.95	3.16	YES	HRDOW NO
L0001157	0	0.11088E-04	539420.0	4215489.7	9.8	3.40	13.95	3.16	YES	HRDOW NO
L0001158	0	0.11088E-04	539391.6	4215480.0	9.9	3.40	13.95	3.16	YES	HRDOW NO
L0001159	0	0.11088E-04	539361.8	4215478.4	10.1	3.40	13.95	3.16	YES	HRDOW NO
L0001160	0	0.11088E-04	539332.1	4215480.4	10.2	3.40	13.95	3.16	YES	HRDOW NO
L0001161	0	0.11088E-04	539303.0	4215487.8	10.3	3.40	13.95	3.16	YES	HRDOW NO
L0001162	0	0.52103E-04	539322.9	4215606.6	9.1	1.30	13.95	1.21	YES	HRDOW NO
L0001163	0	0.52103E-04	539297.8	4215590.0	9.4	1.30	13.95	1.21	YES	HRDOW NO
L0001164	0	0.52103E-04	539272.8	4215573.5	9.8	1.30	13.95	1.21	YES	HRDOW NO
L0001165	0	0.52103E-04	539248.2	4215556.4	10.2	1.30	13.95	1.21	YES	HRDOW NO
L0001166	0	0.52103E-04	539263.1	4215534.3	10.1	1.30	13.95	1.21	YES	HRDOW NO
L0001167	0	0.52103E-04	539286.1	4215515.2	10.0	1.30	13.95	1.21	YES	HRDOW NO

*** AREAPOLY SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	LOCATION OF AREA X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
IDLTK	0	0.65209E-05	539326.2	4215528.3	9.8	4.00	4	0.93	YES	HRDOW NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0001030 , L0001031 , L0001032 , L0001033 , L0001034 , L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 , L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 , L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , L0001058 , L0001059 , L0001060 , L0001061 , L0001062 , L0001063 , L0001064 , L0001065 , L0001066 , L0001067 , L0001068 , L0001069 , L0001070 , L0001071 , L0001072 , L0001073 , L0001074 , L0001075 , L0001076 , L0001077 , L0001078 , L0001079 , L0001080 , L0001081 , L0001082 , L0001083 , L0001084 , L0001085 , L0001086 , L0001087 , L0001088 , L0001089 , L0001090 , L0001091 , L0001092 , L0001093 , L0001094 , L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 , L0001102 , L0001103 , L0001104 , L0001105 , L0001106 , L0001107 , L0001108 , L0001109 , L0001110 , L0001111 , L0001112 , L0001113 , L0001114 , L0001115 , L0001116 , L0001117 , L0001118 , L0001119 , L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 , L0001126 , L0001127 , L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 , L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 , L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 , L0001149 , L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , L0001156 , L0001157 , L0001158 , L0001159 , L0001160 , L0001161 , IDLTK , IDLCAR , L0001162 , L0001163 , L0001164 , L0001165 , L0001166 , L0001167 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs

260206. L0001030 , L0001031 , L0001032 , L0001033 , L0001034 , L0001035 , L0001036 , L0001037 ,

L0001038 , L0001039 , L0001040 , L0001041 , L0001042 , L0001043 , L0001044 , L0001045 ,

L0001046 , L0001047 , L0001048 , L0001049 , L0001050 , L0001051 , L0001052 , L0001053 ,

L0001054 , L0001055 , L0001056 , L0001057 , L0001058 , L0001059 , L0001060 , L0001061 ,

L0001062 , L0001063 , L0001064 , L0001065 , L0001066 , L0001067 , L0001068 , L0001069 ,

L0001070 , L0001071 , L0001072 , L0001073 , L0001074 , L0001075 , L0001076 , L0001077 ,

L0001078 , L0001079 , L0001080 , L0001081 , L0001082 , L0001083 , L0001084 , L0001085 ,

L0001086 , L0001087 , L0001088 , L0001089 , L0001090 , L0001091 , L0001092 , L0001093 ,

L0001094 , L0001095 , L0001096 , L0001097 , L0001098 , L0001099 , L0001100 , L0001101 ,

L0001102 , L0001103 , L0001104 , L0001105 , L0001106 , L0001107 , L0001108 , L0001109 ,

L0001110 , L0001111 , L0001112 , L0001113 , L0001114 , L0001115 , L0001116 , L0001117 ,

L0001118 , L0001119 , L0001120 , L0001121 , L0001122 , L0001123 , L0001124 , L0001125 ,

L0001126 , L0001127 , L0001128 , L0001129 , L0001130 , L0001131 , L0001132 , L0001133 ,

L0001134 , L0001135 , L0001136 , L0001137 , L0001138 , L0001139 , L0001140 , L0001141 ,

L0001142 , L0001143 , L0001144 , L0001145 , L0001146 , L0001147 , L0001148 , L0001149 ,

L0001150 , L0001151 , L0001152 , L0001153 , L0001154 , L0001155 , L0001156 , L0001157 ,

L0001158 , L0001159 , L0001160 , L0001161 , IDLTK , IDLCAR , L0001162 , L0001163 ,

L0001164 , L0001165 , L0001166 , L0001167 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001030   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001031   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001032   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001033   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001034   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001035   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001036     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001037     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001038     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001039     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

```
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  21
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001042     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  22
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001043     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001044     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001045     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001046 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001047     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  27
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001048     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001049 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001050 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** NOVATO OPERATIONAL NO2 1HR *** 15:55:02

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001051 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001052 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001053 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001054 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001055 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001056 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001057   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001058   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001059     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001060     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001061     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001062     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

```
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001063     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                  DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                  DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001064     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                  DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

```
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  44
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001065     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  45
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001066     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001067     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001068     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001069 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001070     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001071     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  51
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001072 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001073 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** NOVATO OPERATIONAL NO2 1HR *** 15:55:02

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001074 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001075 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001076 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001077 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001078   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001079   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001080   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001081   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001082   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001083   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  63
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001084     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001085     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
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```
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001086     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001087     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
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```
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  67
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001088     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  68
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001089     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  69
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001090     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  70
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001091     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001092 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001093 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001094 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001095 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001096 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** NOVATO OPERATIONAL NO2 1HR *** 15:55:02

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001097 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001098 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001099 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001100 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001101 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001102 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001103   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001104   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001105     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001106     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001107     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  87
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001108     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001111   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001112   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  92
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001113     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001114     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001115 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001117     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001118 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001119 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001120 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001121 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001122   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001123   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001124   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001125   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001126   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001127   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

24 .0000E+00

                                        DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001128   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001129   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01

   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY

    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001130     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 110
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001131     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
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16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001134     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001135     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                             DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001136     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 116
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001137     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001138 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001139     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001140     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001141 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001142 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** NOVATO OPERATIONAL NO2 1HR *** 15:55:02

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001143 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001144 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001145 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001146 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001147 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001149   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001150   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001151   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001152   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 132
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001153     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 133
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001154     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

```
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 134
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001155     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 135
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001156     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001157   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001158   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001159     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001160     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001161 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = IDLTK        ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 142
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = IDLCAR       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 143
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001162 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001163 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** NOVATO OPERATIONAL NO2 1HR *** 15:55:02

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001164 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001165 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001166 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001167 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

538745.2, 538765.2, 538785.2, 538805.2, 538825.2, 538845.2, 538865.2, 538885.2, 538905.2, 538925.2,
538945.2, 538965.2, 538985.2, 539005.2, 539025.2, 539045.2, 539065.2, 539085.2, 539105.2, 539125.2,
539145.2, 539165.2, 539185.2, 539205.2, 539225.2, 539245.2, 539265.2, 539285.2, 539305.2, 539325.2,
539345.2, 539365.2, 539385.2, 539405.2, 539425.2, 539445.2, 539465.2, 539485.2, 539505.2, 539525.2,
539545.2, 539565.2, 539585.2, 539605.2, 539625.2, 539645.2, 539665.2, 539685.2, 539705.2, 539725.2,

*** Y-COORDINATES OF GRID ***
(METERS)

4215020.6, 4215040.6, 4215060.6, 4215080.6, 4215100.6, 4215120.6, 4215140.6, 4215160.6, 4215180.6, 4215200.6,
4215220.6, 4215240.6, 4215260.6, 4215280.6, 4215300.6, 4215320.6, 4215340.6, 4215360.6, 4215380.6, 4215400.6,
4215420.6, 4215440.6, 4215460.6, 4215480.6, 4215500.6, 4215520.6, 4215540.6, 4215560.6, 4215580.6, 4215600.6,
4215620.6, 4215640.6, 4215660.6, 4215680.6, 4215700.6, 4215720.6, 4215740.6, 4215760.6, 4215780.6, 4215800.6,
4215820.6, 4215840.6, 4215860.6, 4215880.6, 4215900.6, 4215920.6, 4215940.6, 4215960.6, 4215980.6, 4216000.6,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	9.60	9.30	9.10	8.80	8.80	8.80	8.80	8.70	8.40
4215980.65	9.80	9.60	9.30	9.10	9.10	9.10	9.10	8.90	8.70
4215960.65	10.10	9.80	9.50	9.30	9.30	9.30	9.30	9.10	8.90
4215940.65	10.30	10.00	9.70	9.50	9.50	9.50	9.50	9.40	9.10
4215920.65	10.50	10.20	9.90	9.70	9.70	9.70	9.70	9.60	9.30
4215900.65	10.70	10.40	10.20	9.90	9.90	9.90	9.90	9.80	9.50
4215880.65	10.90	10.70	10.40	10.10	10.10	10.10	10.00	9.90	9.70
4215860.65	11.10	10.90	10.60	10.30	10.20	10.20	10.10	9.90	9.70
4215840.65	11.40	11.10	10.80	10.60	10.40	10.20	10.10	9.90	9.80

```
  4215820.65 |        11.60       11.30       11.00       10.80       10.50       10.30       10.10
10.00        9.90
  4215800.65 |        11.80       11.50       11.20       11.00       10.70       10.40       10.20
10.00       10.00
  4215780.65 |        12.00       11.70       11.50       11.20       11.00       10.80       10.60
10.40       10.40
  4215760.65 |        12.20       12.00       11.70       11.40       11.30       11.10       11.00
10.80       10.70
  4215740.65 |        12.40       12.20       11.90       11.60       11.50       11.50       11.40
11.20       11.10
  4215720.65 |        12.70       12.40       12.10       11.90       11.80       11.80       11.80
11.60       11.40
  4215700.65 |        12.90       12.60       12.30       12.10       12.10       12.10       12.10
12.00       11.70
  4215680.65 |        13.10       12.80       12.60       12.30       12.30       12.30       12.30
12.20       11.90
  4215660.65 |        13.30       13.00       12.80       12.50       12.50       12.50       12.50
12.40       12.10
  4215640.65 |        13.50       13.30       13.00       12.70       12.70       12.70       12.70
12.60       12.40
  4215620.65 |        13.80       13.50       13.20       12.90       12.90       13.00       13.00
12.80       12.60
  4215600.65 |        14.00       13.70       13.40       13.20       13.20       13.20       13.20
13.10       12.80
  4215580.65 |        14.20       13.90       13.60       13.40       13.40       13.40       13.40
13.30       13.00
  4215560.65 |        14.40       14.10       13.90       13.60       13.60       13.60       13.60
13.50       13.20
  4215540.65 |        14.60       14.40       14.10       13.80       13.80       13.80       13.80
13.70       13.40
  4215520.65 |        14.80       14.60       14.30       14.00       14.00       14.00       14.00
13.90       13.60
  4215500.65 |        15.10       14.80       14.50       14.20       14.20       14.10       14.00
13.90       13.70
  4215480.65 |        15.30       15.00       14.70       14.50       14.30       14.20       14.10
13.90       13.80
  4215460.65 |        15.50       15.20       14.90       14.70       14.50       14.30       14.10
14.00       13.90
  4215440.65 |        15.70       15.40       15.20       14.90       14.60       14.40       14.20
14.00       14.00
  4215420.65 |        15.90       15.70       15.40       15.10       14.80       14.60       14.30
14.10       14.10
  4215400.65 |        16.10       15.90       15.60       15.30       15.10       14.80       14.50
14.30       14.30
  4215380.65 |        16.40       16.10       15.80       15.50       15.30       15.00       14.70
14.50       14.50
  4215360.65 |        16.60       16.30       16.00       15.80       15.50       15.20       14.90
14.80       14.80
  4215340.65 |        16.80       16.50       16.30       16.00       15.70       15.40       15.20
15.00       15.00
  4215320.65 |        17.00       16.70       16.50       16.20       16.00       15.80       15.50
15.40       15.30
  4215300.65 |        17.20       17.00       16.70       16.40       16.30       16.10       15.90
15.80       15.70
  4215280.65 |        17.50       17.20       16.90       16.60       16.50       16.40       16.30
16.20       16.00
  4215260.65 |        17.70       17.40       17.10       16.90       16.80       16.80       16.70
16.60       16.40
  4215240.65 |        17.90       17.60       17.30       17.10       17.00       17.00       17.00
16.90       16.70
  4215220.65 |        18.10       17.80       17.60       17.30       17.20       17.10       17.10
16.90       16.70
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215200.65	18.30	18.00	17.80	17.50	17.40	17.20	17.10	17.00	16.80
4215180.65	18.50	18.30	18.00	17.70	17.50	17.30	17.10	17.00	16.90
4215160.65	18.80	18.50	18.20	17.90	17.70	17.40	17.20	17.00	17.00
4215140.65	19.00	18.70	18.40	18.20	17.90	17.60	17.30	17.10	17.10
4215120.65	19.20	18.90	18.60	18.40	18.10	17.80	17.60	17.30	17.20
4215100.65	19.40	19.10	18.90	18.60	18.30	18.00	17.80	17.50	17.40
4215080.65	19.60	19.40	19.10	18.80	18.50	18.30	18.00	17.70	17.50
4215060.65	19.80	19.60	19.30	19.00	18.80	18.50	18.20	17.90	17.70
4215040.65	20.10	19.80	19.50	19.20	19.00	18.70	18.40	18.20	17.90
4215020.65	20.30	20.00	19.70	19.50	19.20	18.90	18.60	18.40	18.10

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	8.20	7.90	7.80	7.80	7.80	7.80	7.50	7.30	7.00
4215980.65	8.40	8.10	8.10	8.10	8.10	8.00	7.70	7.50	7.20
4215960.65	8.60	8.30	8.30	8.30	8.30	8.20	8.00	7.70	7.40
4215940.65	8.80	8.50	8.50	8.50	8.50	8.50	8.20	7.90	7.60
4215920.65	9.00	8.80	8.70	8.70	8.70	8.70	8.40	8.10	7.90
4215900.65	9.30	9.00	8.90	8.90	8.90	8.90	8.60	8.30	8.10
4215880.65	9.40	9.20	9.10	9.10	9.10	9.10	8.80	8.60	8.30
4215860.65	9.60	9.40	9.40	9.40	9.40	9.30	9.10	8.80	8.50
4215840.65	9.70	9.60	9.60	9.60	9.60	9.50	9.30	9.00	8.70
4215820.65	9.90	9.80	9.80	9.80	9.80	9.80	9.50	9.20	8.90

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  4215800.65 |        10.00       10.00       10.00       10.00       10.00       10.00        9.70
9.40        9.20
  4215780.65 |        10.30       10.20       10.20       10.10       10.10       10.00        9.80
9.60        9.30
  4215760.65 |        10.60       10.50       10.30       10.20       10.10       10.00        9.80
9.70        9.50
  4215740.65 |        10.90       10.70       10.50       10.30       10.20       10.00        9.90
9.80        9.70
  4215720.65 |        11.20       10.90       10.70       10.50       10.20       10.00       10.00
9.90        9.90
  4215700.65 |        11.40       11.20       10.90       10.60       10.30       10.10       10.10
10.10       10.10
  4215680.65 |        11.60       11.40       11.10       10.80       10.60       10.30       10.30
10.30       10.30
  4215660.65 |        11.90       11.60       11.30       11.00       10.80       10.50       10.50
10.50       10.50
  4215640.65 |        12.10       11.80       11.50       11.30       11.00       10.70       10.70
10.70       10.70
  4215620.65 |        12.30       12.00       11.80       11.50       11.20       11.00       11.00
11.00       11.00
  4215600.65 |        12.50       12.20       12.00       11.70       11.40       11.20       11.20
11.20       11.20
  4215580.65 |        12.70       12.50       12.20       11.90       11.60       11.40       11.40
11.40       11.40
  4215560.65 |        13.00       12.70       12.40       12.10       11.90       11.60       11.60
11.60       11.60
  4215540.65 |        13.20       12.90       12.60       12.40       12.10       11.80       11.80
11.80       11.80
  4215520.65 |        13.40       13.10       12.80       12.60       12.30       12.00       12.00
12.00       12.00
  4215500.65 |        13.50       13.30       13.10       12.80       12.50       12.30       12.30
12.30       12.30
  4215480.65 |        13.70       13.50       13.30       13.00       12.70       12.50       12.50
12.50       12.50
  4215460.65 |        13.80       13.70       13.50       13.20       12.90       12.70       12.70
12.70       12.70
  4215440.65 |        13.90       13.90       13.70       13.40       13.20       12.90       12.90
12.90       12.90
  4215420.65 |        14.10       14.10       13.90       13.70       13.40       13.10       13.10
13.10       13.10
  4215400.65 |        14.30       14.30       14.10       13.90       13.60       13.30       13.30
13.30       13.30
  4215380.65 |        14.50       14.60       14.40       14.10       13.80       13.60       13.60
13.60       13.60
  4215360.65 |        14.80       14.80       14.60       14.30       14.00       13.80       13.80
13.80       13.80
  4215340.65 |        15.00       15.00       14.80       14.50       14.30       14.00       14.00
14.00       14.00
  4215320.65 |        15.30       15.20       15.00       14.70       14.50       14.20       14.10
14.10       14.00
  4215300.65 |        15.60       15.50       15.20       15.00       14.70       14.40       14.30
14.20       14.10
  4215280.65 |        15.90       15.70       15.50       15.20       14.90       14.60       14.50
14.30       14.10
  4215260.65 |        16.20       15.90       15.70       15.40       15.10       14.90       14.60
14.40       14.20
  4215240.65 |        16.40       16.20       15.90       15.60       15.30       15.10       14.80
14.50       14.30
  4215220.65 |        16.50       16.40       16.10       15.80       15.60       15.30       15.00
14.70       14.50
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
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* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4215200.65	16.70	16.50	16.30	16.10	15.80	15.50	15.20	15.00	14.70
4215180.65	16.80	16.70	16.50	16.30	16.00	15.70	15.50	15.20	14.90
4215160.65	17.00	16.90	16.80	16.50	16.20	15.90	15.70	15.40	15.10
4215140.65	17.10	17.00	16.90	16.60	16.40	16.20	15.90	15.60	15.30
4215120.65	17.10	17.00	16.90	16.70	16.50	16.40	16.10	15.80	15.60
4215100.65	17.20	17.10	16.90	16.80	16.70	16.60	16.30	16.00	15.80
4215080.65	17.30	17.10	17.00	16.90	16.90	16.80	16.50	16.30	16.00
4215060.65	17.40	17.10	17.00	17.00	17.00	17.00	16.70	16.50	16.20
4215040.65	17.60	17.30	17.20	17.10	17.10	17.00	16.70	16.50	16.20
4215020.65	17.80	17.60	17.40	17.30	17.10	17.00	16.70	16.50	16.20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	6.90	6.90	6.90	6.90	6.70	6.40	6.20	6.00	6.00
4215980.65	7.10	7.10	7.10	7.10	6.80	6.60	6.30	6.10	6.10
4215960.65	7.30	7.30	7.30	7.30	7.10	6.80	6.50	6.30	6.30
4215940.65	7.50	7.50	7.50	7.50	7.30	7.00	6.70	6.50	6.50
4215920.65	7.70	7.70	7.70	7.70	7.50	7.20	6.90	6.70	6.70
4215900.65	7.90	7.90	7.90	7.90	7.70	7.40	7.20	6.90	6.90
4215880.65	8.10	8.10	8.00	8.00	7.80	7.60	7.30	7.20	7.10
4215860.65	8.30	8.20	8.10	8.00	7.90	7.70	7.50	7.40	7.30
4215840.65	8.50	8.30	8.20	8.00	7.90	7.80	7.70	7.60	7.40
4215820.65	8.70	8.50	8.30	8.00	8.00	7.90	7.90	7.80	7.50
4215800.65	8.90	8.60	8.30	8.10	8.00	8.00	8.00	8.00	7.70

```
  4215780.65 |         9.10         8.80         8.60         8.30         8.20         8.20         8.20
8.20         7.90
  4215760.65 |         9.30         9.00         8.80         8.50         8.50         8.50         8.50
8.40         8.10
  4215740.65 |         9.50         9.30         9.00         8.70         8.70         8.70         8.70
8.60         8.40
  4215720.65 |         9.80         9.50         9.20         8.90         8.90         8.90         8.90
8.80         8.60
  4215700.65 |        10.00         9.70         9.40         9.20         9.10         9.10         9.00
9.00         8.70
  4215680.65 |        10.20         9.90         9.60         9.40         9.20         9.20         9.10
9.00         8.80
  4215660.65 |        10.40        10.10         9.90         9.60         9.40         9.30         9.10
9.00         8.90
  4215640.65 |        10.60        10.40        10.10         9.80         9.60         9.40         9.20
9.00         8.90
  4215620.65 |        10.80        10.60        10.30        10.00         9.80         9.50         9.20
9.00         9.00
  4215600.65 |        11.10        10.80        10.50        10.20        10.00         9.70         9.40
9.20         9.20
  4215580.65 |        11.30        11.00        10.70        10.50        10.20         9.90         9.60
9.40         9.40
  4215560.65 |        11.50        11.20        11.00        10.70        10.40        10.10         9.90
9.60         9.60
  4215540.65 |        11.70        11.40        11.20        10.90        10.60        10.40        10.10
9.80         9.80
  4215520.65 |        11.90        11.70        11.40        11.10        10.80        10.60        10.30
10.10        10.00
  4215500.65 |        12.20        11.90        11.60        11.30        11.10        10.80        10.50
10.30        10.20
  4215480.65 |        12.40        12.10        11.80        11.60        11.30        11.00        10.70
10.50        10.30
  4215460.65 |        12.60        12.30        12.00        11.80        11.50        11.20        10.90
10.70        10.50
  4215440.65 |        12.80        12.50        12.30        12.00        11.70        11.40        11.20
10.90        10.60
  4215420.65 |        13.00        12.70        12.50        12.20        11.90        11.70        11.40
11.10        10.80
  4215400.65 |        13.20        13.00        12.70        12.40        12.10        11.90        11.60
11.30        11.10
  4215380.65 |        13.50        13.20        12.90        12.60        12.40        12.10        11.80
11.50        11.30
  4215360.65 |        13.70        13.40        13.10        12.90        12.60        12.30        12.00
11.80        11.50
  4215340.65 |        13.90        13.60        13.30        13.10        12.80        12.50        12.30
12.00        11.70
  4215320.65 |        13.90        13.70        13.50        13.30        13.00        12.60        12.30
12.00        11.80
  4215300.65 |        13.90        13.80        13.60        13.50        13.20        12.80        12.40
12.00        11.80
  4215280.65 |        14.00        13.90        13.80        13.70        13.30        12.90        12.40
12.00        11.90
  4215260.65 |        14.00        13.90        13.90        13.90        13.50        13.00        12.50
12.00        12.00
  4215240.65 |        14.10        14.00        14.00        14.00        13.60        13.10        12.60
12.10        12.10
  4215220.65 |        14.30        14.20        14.10        14.00        13.70        13.20        12.70
12.30        12.30
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * ELEVATION HEIGHTS IN METERS *
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215200.65	14.50	14.30	14.20	14.00	13.70	13.30	12.90	12.50	12.50
4215180.65	14.70	14.50	14.30	14.10	13.80	13.40	13.10	12.70	12.70
4215160.65	14.90	14.60	14.30	14.10	13.80	13.50	13.20	12.90	12.90
4215140.65	15.10	14.70	14.40	14.10	13.80	13.60	13.40	13.20	13.10
4215120.65	15.30	14.90	14.50	14.10	13.90	13.70	13.50	13.40	13.30
4215100.65	15.50	15.00	14.60	14.20	13.90	13.80	13.70	13.60	13.40
4215080.65	15.70	15.20	14.70	14.20	14.00	13.90	13.90	13.80	13.60
4215060.65	15.80	15.30	14.80	14.20	14.00	14.00	14.00	14.00	13.80
4215040.65	15.90	15.40	14.90	14.40	14.20	14.20	14.20	14.20	14.00
4215020.65	15.90	15.50	15.00	14.60	14.50	14.50	14.50	14.50	14.20

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	5.90	5.90	5.90	5.90	5.90	5.90	5.60	5.30	5.10
4215980.65	6.10	6.10	6.10	6.00	6.00	6.00	5.80	5.50	5.30
4215960.65	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.60	5.40
4215940.65	6.50	6.50	6.40	6.30	6.20	6.00	5.90	5.80	5.60
4215920.65	6.70	6.70	6.60	6.40	6.20	6.00	5.90	5.90	5.80
4215900.65	6.90	6.90	6.80	6.50	6.30	6.00	6.00	6.00	6.00
4215880.65	7.10	7.00	6.90	6.60	6.40	6.20	6.10	6.10	6.00
4215860.65	7.20	7.00	6.90	6.70	6.60	6.40	6.30	6.20	6.10
4215840.65	7.20	7.10	6.90	6.80	6.70	6.60	6.50	6.30	6.10
4215820.65	7.30	7.10	7.00	6.90	6.90	6.80	6.60	6.40	6.20
4215800.65	7.40	7.20	7.00	7.00	7.00	7.00	6.80	6.50	6.30
4215780.65	7.70	7.40	7.20	7.20	7.20	7.20	7.00	6.70	6.50

4215760.65	7.90	7.60	7.50	7.50	7.50	7.50	7.20
7.00	6.70						
4215740.65	8.10	7.80	7.70	7.70	7.70	7.70	7.40
7.20	6.90						
4215720.65	8.30	8.00	7.90	7.90	7.90	7.90	7.70
7.40	7.10						
4215700.65	8.50	8.20	8.10	8.10	8.00	8.00	7.80
7.60	7.30						
4215680.65	8.60	8.40	8.30	8.20	8.10	8.00	7.80
7.70	7.50						
4215660.65	8.70	8.60	8.50	8.30	8.20	8.00	7.90
7.80	7.70						
4215640.65	8.90	8.80	8.70	8.50	8.20	8.00	7.90
7.90	7.80						
4215620.65	9.00	9.00	8.80	8.60	8.30	8.00	8.00
8.00	8.00						
4215600.65	9.20	9.20	9.10	8.80	8.50	8.20	8.20
8.20	8.20						
4215580.65	9.40	9.40	9.30	9.00	8.70	8.50	8.40
8.40	8.40						
4215560.65	9.60	9.60	9.50	9.20	9.00	8.70	8.60
8.60	8.60						
4215540.65	9.80	9.80	9.70	9.40	9.20	8.90	8.80
8.80	8.80						
4215520.65	10.00	10.00	9.90	9.60	9.40	9.10	9.00
9.00	9.00						
4215500.65	10.10	10.00	9.90	9.70	9.50	9.30	9.20
9.10	9.10						
4215480.65	10.20	10.10	9.90	9.80	9.70	9.50	9.40
9.30	9.10						
4215460.65	10.30	10.10	10.00	9.90	9.80	9.70	9.60
9.40	9.20						
4215440.65	10.40	10.10	10.00	10.00	9.90	9.90	9.70
9.50	9.20						
4215420.65	10.60	10.30	10.10	10.10	10.00	10.00	9.80
9.60	9.40						
4215400.65	10.80	10.50	10.30	10.20	10.10	10.00	9.90
9.70	9.50						
4215380.65	11.00	10.70	10.50	10.40	10.20	10.00	9.90
9.80	9.70						
4215360.65	11.20	10.90	10.70	10.50	10.30	10.10	10.00
9.90	9.80						
4215340.65	11.40	11.20	10.90	10.60	10.30	10.10	10.00
10.00	10.00						
4215320.65	11.60	11.30	11.10	10.80	10.60	10.30	10.20
10.20	10.20						
4215300.65	11.70	11.50	11.30	11.10	10.80	10.50	10.40
10.40	10.40						
4215280.65	11.80	11.70	11.50	11.30	11.00	10.70	10.70
10.70	10.70						
4215260.65	11.90	11.90	11.80	11.50	11.20	10.90	10.90
10.90	10.90						
4215240.65	12.10	12.10	12.00	11.70	11.40	11.20	11.10
11.00	11.00						
4215220.65	12.30	12.30	12.20	11.90	11.70	11.40	11.20
11.20	11.10						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     539285.17    539305.17    539325.17    539345.17    539365.17    539385.17    539405.17
539425.17    539445.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |         12.50        12.50        12.40        12.10        11.90        11.60        11.40
11.30        11.10
  4215180.65 |         12.70        12.70        12.60        12.40        12.10        11.80        11.60
11.40        11.20
  4215160.65 |         12.90        12.90        12.90        12.60        12.30        12.00        11.80
11.50        11.20
  4215140.65 |         13.10        13.00        12.90        12.70        12.50        12.20        12.00
11.70        11.40
  4215120.65 |         13.20        13.10        12.90        12.80        12.60        12.40        12.20
11.90        11.70
  4215100.65 |         13.30        13.10        13.00        12.90        12.70        12.60        12.40
12.10        11.90
  4215080.65 |         13.40        13.10        13.00        12.90        12.90        12.80        12.60
12.40        12.10
  4215060.65 |         13.50        13.20        13.00        13.00        13.00        13.00        12.80
12.60        12.30
  4215040.65 |         13.70        13.40        13.20        13.20        13.10        13.00        12.90
12.70        12.50
  4215020.65 |         13.90        13.60        13.40        13.30        13.20        13.00        12.90
12.80        12.60
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539465.17    539485.17    539505.17    539525.17    539545.17    539565.17    539585.17
539605.17    539625.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4216000.65 |          4.80         4.60         4.30         4.10         4.00         3.90         3.90
3.90         3.60
  4215980.65 |          5.00         4.70         4.50         4.20         4.10         4.10         4.00
4.00         3.70
  4215960.65 |          5.20         5.00         4.70         4.40         4.30         4.20         4.10
4.00         3.70
  4215940.65 |          5.50         5.20         4.90         4.60         4.40         4.30         4.20
4.00         3.70
  4215920.65 |          5.70         5.40         5.10         4.90         4.60         4.40         4.20
4.00         3.70
  4215900.65 |          5.90         5.60         5.30         5.10         4.80         4.50         4.30
4.00         3.70
  4215880.65 |          5.90         5.70         5.50         5.30         5.00         4.70         4.50
4.20         3.90
  4215860.65 |          6.00         5.80         5.60         5.50         5.20         5.00         4.70
4.40         4.10
  4215840.65 |          6.00         5.90         5.80         5.70         5.50         5.20         4.90
4.60         4.40
  4215820.65 |          6.00         5.90         5.90         5.80         5.70         5.40         5.10
4.90         4.60
  4215800.65 |          6.00         6.00         6.00         6.00         5.90         5.60         5.30
5.10         4.80
  4215780.65 |          6.30         6.30         6.30         6.30         6.10         5.80         5.60
5.30         5.00
  4215760.65 |          6.50         6.50         6.50         6.50         6.30         6.10         5.80
5.50         5.20
```

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  4215740.65 |         6.70         6.70         6.70         6.70         6.50         6.30         6.00
5.70         5.50
  4215720.65 |         6.90         6.90         6.90         6.90         6.80         6.50         6.20
5.90         5.70
  4215700.65 |         7.10         7.10         7.00         7.00         6.90         6.60         6.30
6.00         5.80
  4215680.65 |         7.30         7.20         7.10         7.00         6.90         6.60         6.30
6.00         5.80
  4215660.65 |         7.50         7.40         7.20         7.10         6.90         6.60         6.30
6.00         5.80
  4215640.65 |         7.70         7.50         7.30         7.10         6.90         6.60         6.30
6.00         5.80
  4215620.65 |         7.90         7.70         7.40         7.10         6.90         6.60         6.30
6.00         5.80
  4215600.65 |         8.20         7.90         7.60         7.30         7.10         6.80         6.50
6.20         6.00
  4215580.65 |         8.40         8.10         7.80         7.60         7.30         7.00         6.70
6.50         6.20
  4215560.65 |         8.60         8.30         8.00         7.80         7.50         7.20         7.00
6.70         6.40
  4215540.65 |         8.80         8.50         8.30         8.00         7.70         7.40         7.20
6.90         6.60
  4215520.65 |         9.00         8.70         8.50         8.20         7.90         7.70         7.40
7.10         6.80
  4215500.65 |         9.00         8.80         8.60         8.40         8.20         7.90         7.60
7.30         7.10
  4215480.65 |         9.00         8.80         8.70         8.60         8.40         8.10         7.80
7.60         7.30
  4215460.65 |         9.00         8.90         8.80         8.80         8.60         8.30         8.00
7.80         7.50
  4215440.65 |         9.00         9.00         9.00         8.90         8.80         8.50         8.30
8.00         7.70
  4215420.65 |         9.10         9.10         9.10         9.00         8.90         8.70         8.40
8.20         7.90
  4215400.65 |         9.40         9.30         9.20         9.10         8.90         8.70         8.60
8.40         8.20
  4215380.65 |         9.60         9.40         9.20         9.10         8.90         8.80         8.70
8.60         8.40
  4215360.65 |         9.80         9.60         9.30         9.10         9.00         8.90         8.90
8.80         8.60
  4215340.65 |        10.00         9.70         9.40         9.20         9.00         9.00         9.00
9.00         8.80
  4215320.65 |        10.20         9.90         9.70         9.40         9.20         9.10         9.10
9.00         8.80
  4215300.65 |        10.40        10.10         9.90         9.60         9.40         9.30         9.20
9.00         8.80
  4215280.65 |        10.60        10.40        10.10         9.80         9.60         9.40         9.20
9.00         8.80
  4215260.65 |        10.90        10.60        10.30        10.00         9.80         9.50         9.30
9.10         8.80
  4215240.65 |        11.00        10.70        10.50        10.20        10.00         9.70         9.40
9.20         8.90
  4215220.65 |        11.00        10.80        10.60        10.40        10.20         9.90         9.70
9.40         9.10
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539465.17    539485.17    539505.17    539525.17    539545.17    539565.17    539585.17
539605.17    539625.17
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	3.30	3.10	2.80	2.50	2.30
4215980.65	3.50	3.20	2.90	2.70	2.40
4215960.65	3.50	3.20	2.90	2.80	2.60
4215940.65	3.50	3.20	3.00	2.80	2.70
4215920.65	3.50	3.20	3.00	2.90	2.80
4215900.65	3.50	3.20	3.00	3.00	3.00
4215880.65	3.70	3.40	3.20	3.10	3.10
4215860.65	3.90	3.60	3.40	3.30	3.20
4215840.65	4.10	3.80	3.60	3.40	3.20
4215820.65	4.30	4.00	3.80	3.50	3.30
4215800.65	4.50	4.30	4.00	3.70	3.40
4215780.65	4.70	4.50	4.20	3.90	3.70
4215760.65	5.00	4.70	4.40	4.10	3.90
4215740.65	5.20	4.90	4.60	4.40	4.10
4215720.65	5.40	5.10	4.90	4.60	4.30
4215700.65	5.50	5.20	4.90	4.70	4.50
4215680.65	5.50	5.20	5.00	4.80	4.60
4215660.65	5.50	5.20	5.00	4.90	4.70
4215640.65	5.50	5.20	5.00	4.90	4.90
4215620.65	5.50	5.20	5.00	5.00	5.00
4215600.65	5.70	5.40	5.20	5.20	5.20
4215580.65	5.90	5.60	5.40	5.40	5.40
4215560.65	6.10	5.90	5.60	5.60	5.60
4215540.65	6.40	6.10	5.90	5.90	5.90
4215520.65	6.60	6.30	6.10	6.10	6.00
4215500.65	6.80	6.50	6.30	6.20	6.10
4215480.65	7.00	6.70	6.50	6.30	6.20
4215460.65	7.20	7.00	6.70	6.50	6.30
4215440.65	7.40	7.20	6.90	6.60	6.40
4215420.65	7.60	7.30	7.10	6.80	6.50
4215400.65	7.80	7.50	7.30	7.00	6.70
4215380.65	8.00	7.70	7.50	7.20	6.90
4215360.65	8.20	7.90	7.70	7.40	7.10
4215340.65	8.40	8.10	7.90	7.60	7.30
4215320.65	8.60	8.30	8.10	7.80	7.50
4215300.65	8.80	8.50	8.30	8.00	7.70
4215280.65	9.00	8.70	8.50	8.20	7.90
4215260.65	9.20	8.90	8.70	8.40	8.10
4215240.65	9.40	9.10	8.90	8.60	8.30
4215220.65	9.60	9.30	9.10	8.80	8.50
4215200.65	9.90	9.60	9.30	9.00	8.70
4215180.65	10.10	9.80	9.50	9.20	8.90
4215160.65	10.30	10.00	9.80	9.40	9.10
4215140.65	10.30	10.10	9.80	9.50	9.20
4215120.65	10.30	10.10	9.80	9.60	9.30
4215100.65	10.30	10.10	9.80	9.60	9.30
4215080.65	10.30	10.10	9.80	9.60	9.30
4215060.65	10.40	10.10	9.90	9.60	9.30
4215040.65	10.60	10.30	10.10	9.80	9.50
4215020.65	10.80	10.60	10.30	10.00	9.70

4215420.65	7.70	7.40	7.10	6.80	6.60
4215400.65	7.90	7.60	7.30	7.10	6.80
4215380.65	8.10	7.80	7.60	7.30	7.00
4215360.65	8.30	8.00	7.80	7.50	7.20
4215340.65	8.50	8.20	8.00	7.70	7.40
4215320.65	8.50	8.20	8.00	7.70	7.40
4215300.65	8.50	8.20	8.00	7.70	7.40
4215280.65	8.50	8.20	8.00	7.70	7.40
4215260.65	8.50	8.20	8.00	7.70	7.40
4215240.65	8.60	8.30	8.10	7.80	7.50
4215220.65	8.80	8.60	8.30	8.00	7.70

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	9.10	8.80	8.50	8.20	8.00
4215180.65	9.30	9.00	8.70	8.50	8.20
4215160.65	9.50	9.20	8.90	8.70	8.40
4215140.65	9.50	9.30	9.00	8.80	8.50
4215120.65	9.50	9.30	9.00	8.80	8.70
4215100.65	9.50	9.30	9.00	8.90	8.80
4215080.65	9.50	9.30	9.00	9.00	8.90
4215060.65	9.60	9.30	9.00	9.00	9.00
4215040.65	9.80	9.50	9.30	9.20	9.10
4215020.65	10.00	9.70	9.50	9.30	9.20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215980.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215960.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215940.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215920.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215900.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215880.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

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4215400.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215300.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215280.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215260.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215240.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215220.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215200.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215180.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215160.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215140.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215120.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215100.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215080.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215060.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215040.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215020.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215980.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215960.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215940.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215920.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215900.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215880.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215860.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

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4215840.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215500.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215300.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215240.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215220.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4215200.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215180.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215160.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215140.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215120.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215100.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215080.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215060.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215040.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215020.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	567.00	567.00	6.90	6.90	6.70	6.40	6.20	6.00	6.00
4215980.65	567.00	567.00	7.10	7.10	6.80	6.60	6.30	6.10	6.10
4215960.65	567.00	567.00	567.00	7.30	7.10	6.80	6.50	6.30	6.30
4215940.65	567.00	567.00	567.00	567.00	7.30	7.00	6.70	6.50	6.50
4215920.65	567.00	567.00	567.00	567.00	7.50	7.20	6.90	6.70	6.70
4215900.65	567.00	567.00	567.00	567.00	567.00	7.40	7.20	6.90	6.90
4215880.65	567.00	567.00	567.00	567.00	567.00	567.00	7.30	7.20	7.10
4215860.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40	7.30
4215840.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

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4215820.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215220.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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Y-COORD (METERS)	X-COORD (METERS)						
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17
539245.17	539265.17						
4215200.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215180.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215160.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215140.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215120.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215100.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215080.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215060.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215040.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215020.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						

Y-COORD (METERS)	X-COORD (METERS)						
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17
539425.17	539445.17						
4216000.65	5.90	5.90	5.90	5.90	5.90	5.90	5.60
5.30	5.10						
4215980.65	6.10	6.10	6.10	6.00	6.00	6.00	5.80
5.50	5.30						
4215960.65	6.30	6.30	6.30	6.20	6.10	6.00	5.80
5.60	5.40						
4215940.65	6.50	6.50	6.40	6.30	6.20	6.00	5.90
5.80	5.60						
4215920.65	6.70	6.70	6.60	6.40	6.20	6.00	5.90
5.90	5.80						
4215900.65	6.90	6.90	6.80	6.50	6.30	6.00	6.00
6.00	6.00						
4215880.65	7.10	7.00	6.90	6.60	6.40	6.20	6.10
6.10	6.00						
4215860.65	7.20	7.00	6.90	6.70	6.60	6.40	6.30
6.20	6.10						
4215840.65	7.20	7.10	6.90	6.80	6.70	6.60	6.50
6.30	6.10						
4215820.65	7.30	7.10	7.00	6.90	6.90	6.80	6.60

6.40 6.20
4215800.65 | 7.40 7.20 7.00 7.00 7.00 7.00 6.80
6.50 6.30
4215780.65 | 567.00 7.40 7.20 7.20 7.20 7.20 7.00
6.70 6.50
4215760.65 | 567.00 7.60 7.50 7.50 7.50 7.50 7.20
7.00 6.70
4215740.65 | 567.00 567.00 7.70 7.70 7.70 7.70 7.40
7.20 6.90
4215720.65 | 567.00 567.00 7.90 7.90 7.90 7.90 7.70
7.40 7.10
4215700.65 | 567.00 567.00 567.00 8.10 8.00 8.00 7.80
7.60 7.30
4215680.65 | 567.00 567.00 567.00 567.00 8.10 8.00 7.80
7.70 7.50
4215660.65 | 567.00 567.00 567.00 567.00 8.20 8.00 7.90
7.80 7.70
4215640.65 | 567.00 567.00 567.00 567.00 567.00 8.00 7.90
7.90 7.80
4215620.65 | 567.00 567.00 567.00 567.00 567.00 567.00 8.00
8.00 8.00
4215600.65 | 567.00 567.00 567.00 567.00 567.00 567.00 8.20
8.20 8.20
4215580.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
8.40 8.40
4215560.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
8.60 8.60
4215540.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 8.80
4215520.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 9.00
4215500.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215480.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215460.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215440.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215420.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215400.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215380.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215360.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215340.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215320.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215300.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215280.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215260.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215240.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215220.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215180.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215160.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215140.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215120.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215100.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215080.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215060.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215040.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215020.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	4.80	4.60	4.30	4.10	4.00	3.90	3.90	3.90	3.60
4215980.65	5.00	4.70	4.50	4.20	4.10	4.10	4.00	4.00	3.70
4215960.65	5.20	5.00	4.70	4.40	4.30	4.20	4.10	4.00	3.70
4215940.65	5.50	5.20	4.90	4.60	4.40	4.30	4.20	4.00	3.70
4215920.65	5.70	5.40	5.10	4.90	4.60	4.40	4.20	4.00	3.70
4215900.65	5.90	5.60	5.30	5.10	4.80	4.50	4.30	4.00	3.70
4215880.65	5.90	5.70	5.50	5.30	5.00	4.70	4.50	4.20	3.90
4215860.65	6.00	5.80	5.60	5.50	5.20	5.00	4.70	4.40	4.10
4215840.65	6.00	5.90	5.80	5.70	5.50	5.20	4.90	4.60	4.40
4215820.65	6.00	5.90	5.90	5.80	5.70	5.40	5.10	4.90	4.60
4215800.65	6.00	6.00	6.00	6.00	5.90	5.60	5.30		

5.10 4.80
4215780.65 | 6.30 6.30 6.30 6.30 6.10 5.80 5.60
5.30 5.00
4215760.65 | 6.50 6.50 6.50 6.50 6.30 6.10 5.80
5.50 5.20
4215740.65 | 6.70 6.70 6.70 6.70 6.50 6.30 6.00
5.70 5.50
4215720.65 | 6.90 6.90 6.90 6.90 6.80 6.50 6.20
5.90 5.70
4215700.65 | 7.10 7.10 7.00 7.00 6.90 6.60 6.30
6.00 5.80
4215680.65 | 7.30 7.20 7.10 7.00 6.90 6.60 6.30
6.00 5.80
4215660.65 | 7.50 7.40 7.20 7.10 6.90 6.60 6.30
6.00 5.80
4215640.65 | 7.70 7.50 7.30 7.10 6.90 6.60 6.30
6.00 5.80
4215620.65 | 7.90 7.70 7.40 7.10 6.90 6.60 6.30
6.00 5.80
4215600.65 | 8.20 7.90 7.60 7.30 7.10 6.80 6.50
6.20 6.00
4215580.65 | 8.40 8.10 7.80 7.60 7.30 7.00 6.70
6.50 6.20
4215560.65 | 8.60 8.30 8.00 7.80 7.50 7.20 7.00
6.70 6.40
4215540.65 | 8.80 8.50 8.30 8.00 7.70 7.40 7.20
6.90 6.60
4215520.65 | 9.00 8.70 8.50 8.20 7.90 7.70 7.40
7.10 6.80
4215500.65 | 9.00 8.80 8.60 8.40 8.20 7.90 7.60
7.30 7.10
4215480.65 | 567.00 8.80 8.70 8.60 8.40 8.10 7.80
7.60 7.30
4215460.65 | 567.00 8.90 8.80 8.80 8.60 8.30 8.00
7.80 7.50
4215440.65 | 567.00 567.00 9.00 8.90 8.80 8.50 8.30
8.00 7.70
4215420.65 | 567.00 567.00 9.10 9.00 8.90 8.70 8.40
8.20 7.90
4215400.65 | 567.00 567.00 567.00 9.10 8.90 8.70 8.60
8.40 8.20
4215380.65 | 567.00 567.00 567.00 567.00 8.90 8.80 8.70
8.60 8.40
4215360.65 | 567.00 567.00 567.00 567.00 9.00 8.90 8.90
8.80 8.60
4215340.65 | 567.00 567.00 567.00 567.00 567.00 9.00 9.00
9.00 8.80
4215320.65 | 567.00 567.00 567.00 567.00 567.00 9.10 9.10
9.00 8.80
4215300.65 | 567.00 567.00 567.00 567.00 567.00 567.00 9.20
9.00 8.80
4215280.65 | 567.00 567.00 567.00 567.00 567.00 567.00 9.20
9.00 8.80
4215260.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
9.10 8.80
4215240.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 8.90
4215220.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 119.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)									
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17	
4215200.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215180.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215160.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215140.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215120.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215100.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215080.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215060.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215040.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	
4215020.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	3.30	3.10	2.80	2.50	2.30
4215980.65	3.50	3.20	2.90	2.70	2.40
4215960.65	3.50	3.20	2.90	2.80	2.60
4215940.65	3.50	3.20	3.00	2.80	2.70
4215920.65	3.50	3.20	3.00	2.90	2.80
4215900.65	3.50	3.20	3.00	3.00	3.00
4215880.65	3.70	3.40	3.20	3.10	3.10
4215860.65	3.90	3.60	3.40	3.30	3.20
4215840.65	4.10	3.80	3.60	3.40	3.20
4215820.65	4.30	4.00	3.80	3.50	3.30
4215800.65	4.50	4.30	4.00	3.70	3.40
4215780.65	4.70	4.50	4.20	3.90	3.70
4215760.65	5.00	4.70	4.40	4.10	3.90
4215740.65	5.20	4.90	4.60	4.40	4.10
4215720.65	5.40	5.10	4.90	4.60	4.30
4215700.65	5.50	5.20	4.90	4.70	4.50
4215680.65	5.50	5.20	5.00	4.80	4.60
4215660.65	5.50	5.20	5.00	4.90	4.70
4215640.65	5.50	5.20	5.00	4.90	4.90
4215620.65	5.50	5.20	5.00	5.00	5.00
4215600.65	5.70	5.40	5.20	5.20	5.20
4215580.65	5.90	5.60	5.40	5.40	5.40
4215560.65	6.10	5.90	5.60	5.60	5.60
4215540.65	6.40	6.10	5.90	5.90	5.90

4215520.65	6.60	6.30	6.10	6.10	6.00
4215500.65	6.80	6.50	6.30	6.20	6.10
4215480.65	7.00	6.70	6.50	6.30	6.20
4215460.65	7.20	7.00	6.70	6.50	6.30
4215440.65	7.40	7.20	6.90	6.60	6.40
4215420.65	7.70	7.40	7.10	6.80	6.60
4215400.65	7.90	7.60	7.30	7.10	6.80
4215380.65	8.10	7.80	7.60	7.30	7.00
4215360.65	8.30	8.00	7.80	7.50	7.20
4215340.65	8.50	8.20	8.00	7.70	7.40
4215320.65	8.50	8.20	8.00	7.70	7.40
4215300.65	8.50	8.20	8.00	7.70	7.40
4215280.65	8.50	8.20	8.00	7.70	7.40
4215260.65	8.50	8.20	8.00	7.70	7.40
4215240.65	8.60	8.30	8.10	7.80	7.50
4215220.65	119.00	8.60	8.30	8.00	7.70

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	119.00	119.00	119.00	119.00	8.00
4215180.65	119.00	119.00	119.00	119.00	119.00
4215160.65	567.00	119.00	119.00	119.00	119.00
4215140.65	567.00	119.00	119.00	119.00	119.00
4215120.65	567.00	567.00	119.00	119.00	119.00
4215100.65	567.00	567.00	548.00	119.00	119.00
4215080.65	567.00	567.00	567.00	119.00	119.00
4215060.65	567.00	567.00	567.00	548.00	119.00
4215040.65	567.00	567.00	567.00	567.00	119.00
4215020.65	567.00	567.00	567.00	567.00	548.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215820.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215800.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215780.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215760.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215740.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215720.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215700.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215680.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215660.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215640.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215620.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215600.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215580.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215560.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215540.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215520.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215500.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215480.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215460.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215440.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215420.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215400.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215380.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215360.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215340.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215320.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215300.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215280.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215260.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215240.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17
538885.17	538905.17						
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215180.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215160.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215140.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215120.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215100.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215080.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215060.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215040.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215020.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17
539065.17	539085.17						
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215820.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215800.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215780.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215760.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215740.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215720.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215700.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215680.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215660.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215640.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215620.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215600.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215580.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215560.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215540.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215520.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215500.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215480.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215460.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215440.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215420.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215400.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215380.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215360.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215340.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215320.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215300.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215280.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215260.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215240.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215220.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17
539065.17	539085.17						
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215180.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215160.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215140.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215120.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215100.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215080.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215060.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215040.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215020.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17
539245.17	539265.17						
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

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  4215880.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215860.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215840.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215820.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215800.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215780.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215760.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215740.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215720.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215700.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215680.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215660.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215640.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215620.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215600.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215580.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215560.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215540.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215520.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215500.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215480.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215460.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215440.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215420.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215400.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215380.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215360.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215340.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215320.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215300.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215280.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215260.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215240.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215220.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215180.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215160.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215140.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215120.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215100.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215080.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215060.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215040.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215020.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215820.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215800.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215780.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215760.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215740.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215720.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215700.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215680.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215660.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215640.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215620.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215600.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215580.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215560.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215540.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215520.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215500.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215480.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215460.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215440.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215420.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215400.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215380.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215360.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215340.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215320.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215300.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215280.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215260.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215240.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215220.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215180.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215160.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215140.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215120.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215100.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215080.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215060.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215040.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215020.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

```
  4215840.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215820.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215800.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215780.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215760.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215740.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215720.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215700.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215680.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215660.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215640.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215620.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215600.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215580.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215560.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215540.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215520.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215500.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215480.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215460.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215440.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215420.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215400.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215380.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215360.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215340.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215320.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215300.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215280.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215260.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215240.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215220.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215180.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215160.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215140.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215120.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215100.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215080.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215060.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215040.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215020.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50
4215800.65	1.50	1.50	1.50	1.50	1.50
4215780.65	1.50	1.50	1.50	1.50	1.50
4215760.65	1.50	1.50	1.50	1.50	1.50
4215740.65	1.50	1.50	1.50	1.50	1.50
4215720.65	1.50	1.50	1.50	1.50	1.50
4215700.65	1.50	1.50	1.50	1.50	1.50
4215680.65	1.50	1.50	1.50	1.50	1.50
4215660.65	1.50	1.50	1.50	1.50	1.50
4215640.65	1.50	1.50	1.50	1.50	1.50

```
 4215620.65 |          1.50         1.50         1.50         1.50         1.50
 4215600.65 |          1.50         1.50         1.50         1.50         1.50
 4215580.65 |          1.50         1.50         1.50         1.50         1.50
 4215560.65 |          1.50         1.50         1.50         1.50         1.50
 4215540.65 |          1.50         1.50         1.50         1.50         1.50
 4215520.65 |          1.50         1.50         1.50         1.50         1.50
 4215500.65 |          1.50         1.50         1.50         1.50         1.50
 4215480.65 |          1.50         1.50         1.50         1.50         1.50
 4215460.65 |          1.50         1.50         1.50         1.50         1.50
 4215440.65 |          1.50         1.50         1.50         1.50         1.50
 4215420.65 |          1.50         1.50         1.50         1.50         1.50
 4215400.65 |          1.50         1.50         1.50         1.50         1.50
 4215380.65 |          1.50         1.50         1.50         1.50         1.50
 4215360.65 |          1.50         1.50         1.50         1.50         1.50
 4215340.65 |          1.50         1.50         1.50         1.50         1.50
 4215320.65 |          1.50         1.50         1.50         1.50         1.50
 4215300.65 |          1.50         1.50         1.50         1.50         1.50
 4215280.65 |          1.50         1.50         1.50         1.50         1.50
 4215260.65 |          1.50         1.50         1.50         1.50         1.50
 4215240.65 |          1.50         1.50         1.50         1.50         1.50
 4215220.65 |          1.50         1.50         1.50         1.50         1.50
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
  07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
 15:55:02

 PAGE 185
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                              *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     539645.17    539665.17    539685.17    539705.17    539725.17
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
 4215200.65 |          1.50         1.50         1.50         1.50         1.50
 4215180.65 |          1.50         1.50         1.50         1.50         1.50
 4215160.65 |          1.50         1.50         1.50         1.50         1.50
 4215140.65 |          1.50         1.50         1.50         1.50         1.50
 4215120.65 |          1.50         1.50         1.50         1.50         1.50
 4215100.65 |          1.50         1.50         1.50         1.50         1.50
 4215080.65 |          1.50         1.50         1.50         1.50         1.50
 4215060.65 |          1.50         1.50         1.50         1.50         1.50
 4215040.65 |          1.50         1.50         1.50         1.50         1.50
 4215020.65 |          1.50         1.50         1.50         1.50         1.50
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
  07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
 15:55:02

 PAGE 186
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                    *** DISCRETE CARTESIAN RECEPTORS ***
                                   (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
                                                (METERS)

    ( 539341.8, 4215428.7,      10.0,     567.0,       1.5);        ( 539351.8, 4215428.7,      10.0,     567.0,
   1.5);
    ( 539361.8, 4215428.7,      10.0,     567.0,       1.5);        ( 539371.8, 4215428.7,      10.0,     567.0,
   1.5);
    ( 539381.8, 4215428.7,      10.0,     567.0,       1.5);        ( 539341.8, 4215438.7,      10.0,     567.0,
   1.5);
    ( 539351.8, 4215438.7,      10.0,     567.0,       1.5);        ( 539361.8, 4215438.7,      10.0,     567.0,
   1.5);
    ( 539371.8, 4215438.7,      10.0,     567.0,       1.5);        ( 539381.8, 4215438.7,      10.0,     567.0,
```

1.5);
 (539341.8, 4215448.7, 9.9, 567.0, 1.5); (539351.8, 4215448.7, 9.9, 567.0,
1.5);
 (539361.8, 4215448.7, 9.9, 567.0, 1.5); (539371.8, 4215448.7, 9.9, 567.0,
1.5);
 (539381.8, 4215448.7, 9.9, 567.0, 1.5); (539341.8, 4215458.7, 9.9, 567.0,
1.5);
 (539351.8, 4215458.7, 9.9, 567.0, 1.5); (539361.8, 4215458.7, 9.8, 567.0,
1.5);
 (539371.8, 4215458.7, 9.8, 567.0, 1.5); (539381.8, 4215458.7, 9.8, 567.0,
1.5);
 (539341.8, 4215468.7, 9.9, 567.0, 1.5); (539351.8, 4215468.7, 9.8, 567.0,
1.5);
 (539361.8, 4215468.7, 9.8, 567.0, 1.5); (539371.8, 4215468.7, 9.7, 567.0,
1.5);
 (539381.8, 4215468.7, 9.7, 567.0, 1.5); (539113.9, 4215517.5, 11.9, 567.0,
1.5);
 (539096.5, 4215516.0, 12.1, 567.0, 1.5); (539108.3, 4215501.2, 12.1, 567.0,
1.5);
 (539096.0, 4215500.7, 12.3, 567.0, 1.5); (539108.3, 4215486.4, 12.3, 567.0,
1.5);
 (539094.5, 4215485.4, 12.4, 567.0, 1.5); (539135.3, 4215461.4, 12.2, 567.0,
1.5);
 (539150.1, 4215439.9, 12.2, 567.0, 1.5); (539114.4, 4215452.7, 12.6, 567.0,
1.5);
 (539123.1, 4215439.4, 12.6, 567.0, 1.5); (539159.3, 4215421.0, 12.3, 567.0,
1.5);
 (539145.0, 4215416.4, 12.5, 567.0, 1.5); (539134.3, 4215410.8, 12.7, 567.0,
1.5);
 (539131.8, 4215425.1, 12.6, 567.0, 1.5); (539206.8, 4215383.8, 12.0, 567.0,
1.5);
 (539216.0, 4215372.5, 12.0, 567.0, 1.5); (539188.9, 4215382.2, 12.3, 567.0,
1.5);
 (539176.2, 4215379.7, 12.5, 567.0, 1.5); (539165.4, 4215376.1, 12.7, 567.0,
1.5);
 (539248.8, 4215356.7, 11.8, 567.0, 1.5); (539243.5, 4215348.5, 11.9, 567.0,
1.5);
 (539265.6, 4215345.2, 11.7, 567.0, 1.5); (539260.8, 4215338.0, 11.8, 567.0,
1.5);
 (539256.2, 4215351.4, 11.7, 567.0, 1.5); (539272.8, 4215331.9, 11.6, 567.0,
1.5);
 (539264.8, 4215325.0, 11.8, 567.0, 1.5); (539280.8, 4215321.8, 11.6, 567.0,
1.5);
 (539280.0, 4215307.1, 11.7, 567.0, 1.5); (539288.0, 4215313.8, 11.6, 567.0,
1.5);
 (539297.8, 4215304.7, 11.6, 567.0, 1.5); (539289.6, 4215296.2, 11.7, 567.0,
1.5);
 (539311.2, 4215287.7, 11.6, 567.0, 1.5); (539303.7, 4215281.3, 11.7, 567.0,
1.5);
 (539303.7, 4215296.2, 11.6, 567.0, 1.5); (539314.2, 4215271.8, 11.8, 567.0,
1.5);
 (539329.1, 4215260.5, 11.7, 567.0, 1.5); (539339.7, 4215237.2, 11.8, 567.0,
1.5);
 (539357.4, 4215232.9, 11.6, 567.0, 1.5); (539394.1, 4215199.7, 11.5, 567.0,
1.5);
 (539045.0, 4215579.2, 11.4, 567.0, 1.5); (539034.4, 4215591.9, 11.3, 567.0,
1.5);
 (539054.9, 4215556.6, 11.7, 567.0, 1.5); (539058.4, 4215538.9, 11.8, 567.0,
1.5);
 (539054.9, 4215520.5, 12.0, 567.0, 1.5); (539082.4, 4215477.4, 12.5, 567.0,
1.5);
 (539074.0, 4215466.1, 12.6, 567.0, 1.5); (539098.7, 4215440.7, 12.9, 567.0,
1.5);
 (539109.3, 4215426.6, 12.9, 567.0, 1.5); (539117.1, 4215416.0, 12.9, 567.0,
1.5);
 (539125.6, 4215401.1, 13.0, 567.0, 1.5); (539158.8, 4215367.2, 12.9, 567.0,
1.5);
 (539150.3, 4215357.3, 13.1, 567.0, 1.5); (539184.2, 4215339.6, 12.8, 567.0,
1.5);

(539222.4, 4215324.8, 12.4, 567.0, 1.5); (539243.6, 4215317.7, 12.0, 567.0, 1.5);
(539371.5, 4215194.0, 11.9, 567.0, 1.5); (539364.4, 4215191.9, 12.0, 567.0, 1.5);
(539344.6, 4215200.4, 12.2, 567.0, 1.5); (539409.7, 4215113.5, 12.2, 567.0, 1.5);
(539355.9, 4215136.8, 12.6, 567.0, 1.5); (539262.7, 4215288.8, 11.9, 567.0, 1.5);
(539282.4, 4215261.2, 11.9, 567.0, 1.5); (539299.4, 4215235.0, 12.1, 567.0, 1.5);
(539168.9, 4215647.8, 9.7, 567.0, 1.5); (538947.7, 4216163.6, 7.0, 567.0, 1.5);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539351.3, 4215796.1, 7.1, 7.1, 1.5); (539367.6, 4215566.8, 8.9, 567.0, 1.5);
(539278.3, 4215504.6, 10.1, 567.0, 1.5); (539297.5, 4215494.1, 10.1, 567.0, 1.5);
(539323.7, 4215486.1, 9.9, 567.0, 1.5); (539342.6, 4215482.8, 9.8, 567.0, 1.5);
(539367.2, 4215481.2, 9.6, 567.0, 1.5); (539397.8, 4215487.9, 9.4, 567.0, 1.5);
(539352.7, 4215556.4, 9.2, 567.0, 1.5); (539337.8, 4215546.0, 9.5, 567.0, 1.5);
(539322.9, 4215535.7, 9.8, 567.0, 1.5); (539308.1, 4215525.3, 10.0, 567.0, 1.5);
(539293.2, 4215515.0, 10.0, 567.0, 1.5); (539287.9, 4215499.4, 10.1, 567.0, 1.5);
(539310.6, 4215490.1, 10.0, 567.0, 1.5); (539354.9, 4215482.0, 9.7, 567.0, 1.5);
(539382.5, 4215484.6, 9.5, 567.0, 1.5); (539391.7, 4215503.7, 9.2, 567.0, 1.5);
(539385.7, 4215519.5, 9.1, 567.0, 1.5); (539379.7, 4215535.2, 9.0, 567.0, 1.5);
(539373.7, 4215551.0, 8.9, 567.0, 1.5);

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001052	539205.2	4216000.6	-1.99
L0001052	539225.2	4216000.6	-5.44
L0001053	539225.2	4215980.6	-7.55
L0001053	539245.2	4215980.6	-8.99
L0001053	539225.2	4216000.6	-18.40
L0001053	539245.2	4216000.6	-21.52
L0001053	539265.2	4216000.6	-1.55

L0001054	539245.2	4215960.6	-13.11
L0001054	539265.2	4215960.6	-11.51
L0001054	539225.2	4215980.6	-0.89
L0001054	539245.2	4215980.6	-19.81
L0001054	539265.2	4215980.6	-17.34
L0001054	539245.2	4216000.6	-3.12
L0001054	539265.2	4216000.6	-2.09
L0001055	539265.2	4215920.6	0.37
L0001055	539245.2	4215940.6	-2.55
L0001055	539265.2	4215940.6	-18.67
L0001055	539285.2	4215940.6	-12.57
L0001055	539245.2	4215960.6	-2.43
L0001055	539265.2	4215960.6	-18.38
L0001055	539285.2	4215960.6	-12.38
L0001055	539265.2	4215980.6	0.69
L0001056	539285.2	4215900.6	-4.72
L0001056	539305.2	4215900.6	0.55
L0001056	539265.2	4215920.6	-6.78
L0001056	539285.2	4215920.6	-24.22
L0001056	539305.2	4215920.6	-11.89
L0001056	539265.2	4215940.6	-2.91
L0001056	539285.2	4215940.6	-14.89
L0001056	539305.2	4215940.6	-7.14
L0001057	539285.2	4215880.6	-1.86
L0001057	539305.2	4215880.6	-9.69
L0001057	539325.2	4215880.6	-1.12
L0001057	539285.2	4215900.6	-10.52
L0001057	539305.2	4215900.6	-29.38
L0001057	539325.2	4215900.6	-9.46
L0001057	539285.2	4215920.6	-2.29
L0001057	539305.2	4215920.6	-10.29
L0001057	539325.2	4215920.6	-1.54
L0001058	539305.2	4215860.6	-7.79

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001058	539325.2	4215860.6	-14.18
L0001058	539345.2	4215860.6	-1.59
L0001058	539305.2	4215880.6	-13.25
L0001058	539325.2	4215880.6	-23.88
L0001058	539345.2	4215880.6	-5.61
L0001058	539305.2	4215900.6	-0.53
L0001058	539325.2	4215900.6	-5.00
L0001059	539325.2	4215840.6	-13.64
L0001059	539345.2	4215840.6	-17.33
L0001059	539365.2	4215840.6	-0.78
L0001059	539325.2	4215860.6	-14.05
L0001059	539345.2	4215860.6	-17.86
L0001059	539365.2	4215860.6	-1.01
L0001059	539345.2	4215880.6	0.57
L0001060	539345.2	4215800.6	-3.00
L0001060	539365.2	4215800.6	-2.48
L0001060	539325.2	4215820.6	-0.23
L0001060	539345.2	4215820.6	-19.28
L0001060	539365.2	4215820.6	-18.02
L0001060	539345.2	4215840.6	-12.64

L0001060	539365.2	4215840.6	-11.84
L0001060	539351.3	4215796.1	0.11
L0001061	539365.2	4215780.6	-8.80
L0001061	539385.2	4215780.6	-5.22
L0001061	539345.2	4215800.6	-4.10
L0001061	539365.2	4215800.6	-24.09
L0001061	539385.2	4215800.6	-15.88
L0001061	539365.2	4215820.6	-9.49
L0001061	539385.2	4215820.6	-5.81
L0001061	539351.3	4215796.1	-9.62
L0001062	539365.2	4215760.6	-2.75
L0001062	539385.2	4215760.6	-14.42
L0001062	539405.2	4215760.6	-6.70
L0001062	539365.2	4215780.6	-7.03
L0001062	539385.2	4215780.6	-24.73
L0001062	539405.2	4215780.6	-11.88
L0001062	539385.2	4215800.6	-5.24
L0001062	539405.2	4215800.6	0.22
L0001063	539405.2	4215720.6	0.41
L0001063	539385.2	4215740.6	-8.25

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001063	539405.2	4215740.6	-19.57
L0001063	539425.2	4215740.6	-6.65
L0001063	539385.2	4215760.6	-8.61
L0001063	539405.2	4215760.6	-20.34
L0001063	539425.2	4215760.6	-6.99
L0001063	539405.2	4215780.6	-0.36
L0001064	539405.2	4215700.6	-0.13
L0001064	539425.2	4215700.6	-4.23
L0001064	539405.2	4215720.6	-13.39
L0001064	539425.2	4215720.6	-23.09
L0001064	539445.2	4215720.6	-5.10
L0001064	539405.2	4215740.6	-8.55
L0001064	539425.2	4215740.6	-14.77
L0001064	539445.2	4215740.6	-1.65
L0001065	539425.2	4215680.6	-6.16
L0001065	539445.2	4215680.6	-8.18
L0001065	539425.2	4215700.6	-17.68
L0001065	539445.2	4215700.6	-22.29
L0001065	539465.2	4215700.6	-2.30
L0001065	539425.2	4215720.6	-6.86
L0001065	539445.2	4215720.6	-8.95
L0001066	539445.2	4215660.6	-12.17
L0001066	539465.2	4215660.6	-10.99
L0001066	539425.2	4215680.6	-0.72
L0001066	539445.2	4215680.6	-19.97
L0001066	539465.2	4215680.6	-18.00
L0001066	539445.2	4215700.6	-3.85
L0001066	539465.2	4215700.6	-3.04
L0001067	539465.2	4215620.6	0.95
L0001067	539445.2	4215640.6	-2.42
L0001067	539465.2	4215640.6	-18.18
L0001067	539485.2	4215640.6	-12.14
L0001067	539445.2	4215660.6	-2.74

L0001067	539465.2	4215660.6	-18.96
L0001067	539485.2	4215660.6	-12.64
L0001067	539465.2	4215680.6	0.08
L0001068	539485.2	4215600.6	-4.45
L0001068	539465.2	4215620.6	-7.21
L0001068	539485.2	4215620.6	-24.14
L0001068	539505.2	4215620.6	-11.30

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001068	539465.2	4215640.6	-3.52
L0001068	539485.2	4215640.6	-15.29
L0001068	539505.2	4215640.6	-6.95
L0001069	539485.2	4215580.6	-2.25
L0001069	539505.2	4215580.6	-9.48
L0001069	539525.2	4215580.6	-0.47
L0001069	539485.2	4215600.6	-11.26
L0001069	539505.2	4215600.6	-28.64
L0001069	539525.2	4215600.6	-8.72
L0001069	539485.2	4215620.6	-2.93
L0001069	539505.2	4215620.6	-10.42
L0001069	539525.2	4215620.6	-1.12
L0001070	539505.2	4215560.6	-9.86
L0001070	539525.2	4215560.6	-14.16
L0001070	539545.2	4215560.6	-0.06
L0001070	539505.2	4215580.6	-15.11
L0001070	539525.2	4215580.6	-21.82
L0001070	539545.2	4215580.6	-3.31
L0001070	539505.2	4215600.6	-1.05
L0001070	539525.2	4215600.6	-3.86
L0001071	539505.2	4215540.6	-12.84
L0001071	539525.2	4215540.6	-16.68
L0001071	539545.2	4215540.6	-0.67
L0001071	539505.2	4215560.6	-14.40
L0001071	539525.2	4215560.6	-18.76
L0001071	539545.2	4215560.6	-1.55
L0001071	539525.2	4215580.6	-0.41
L0001072	539485.2	4215520.6	-14.11
L0001072	539505.2	4215520.6	-13.19
L0001072	539465.2	4215540.6	0.10
L0001072	539485.2	4215540.6	-18.34
L0001072	539505.2	4215540.6	-17.12
L0001072	539485.2	4215560.6	-1.38
L0001072	539505.2	4215560.6	-0.85
L0001073	539445.2	4215500.6	-0.75
L0001073	539465.2	4215500.6	-12.84
L0001073	539485.2	4215500.6	-6.90
L0001073	539445.2	4215520.6	-5.74
L0001073	539465.2	4215520.6	-24.77
L0001073	539485.2	4215520.6	-13.67

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001073	539465.2	4215540.6	-6.32
L0001073	539485.2	4215540.6	-1.72
L0001074	539425.2	4215480.6	-2.00
L0001074	539445.2	4215480.6	-8.92
L0001074	539465.2	4215480.6	0.09
L0001074	539425.2	4215500.6	-11.48
L0001074	539445.2	4215500.6	-28.16
L0001074	539465.2	4215500.6	-8.45
L0001074	539425.2	4215520.6	-3.50
L0001074	539445.2	4215520.6	-10.95
L0001074	539465.2	4215520.6	-1.30
L0001075	539405.2	4215460.6	0.68
L0001075	539425.2	4215460.6	-0.11
L0001075	539405.2	4215480.6	-15.90
L0001075	539425.2	4215480.6	-17.71
L0001075	539445.2	4215480.6	0.06
L0001075	539405.2	4215500.6	-13.99
L0001075	539425.2	4215500.6	-15.55
L0001075	539397.8	4215487.9	-11.36
L0001075	539391.7	4215503.7	-1.42
L0001076	539365.2	4215460.6	-0.18
L0001076	539385.2	4215460.6	-11.08
L0001076	539405.2	4215460.6	-4.96
L0001076	539365.2	4215480.6	-6.68
L0001076	539385.2	4215480.6	-26.44
L0001076	539405.2	4215480.6	-13.21
L0001076	539385.2	4215500.6	-8.37
L0001076	539405.2	4215500.6	-2.85
L0001076	539371.8	4215458.7	-3.55
L0001076	539381.8	4215458.7	-8.38
L0001076	539361.8	4215468.7	-1.36
L0001076	539371.8	4215468.7	-10.31
L0001076	539381.8	4215468.7	-17.53
L0001076	539367.2	4215481.2	-8.69
L0001076	539397.8	4215487.9	-17.26
L0001076	539382.5	4215484.6	-22.02
L0001076	539391.7	4215503.7	-5.35
L0001077	539345.2	4215460.6	-8.49
L0001077	539365.2	4215460.6	-11.85
L0001077	539345.2	4215480.6	-16.30

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001077	539365.2	4215480.6	-22.62
L0001077	539385.2	4215480.6	-3.14
L0001077	539345.2	4215500.6	-3.30

L0001077	539365.2	4215500.6	-5.92
L0001077	539351.8	4215448.7	-0.41
L0001077	539361.8	4215448.7	-0.98
L0001077	539341.8	4215458.7	-4.86
L0001077	539351.8	4215458.7	-10.03
L0001077	539361.8	4215458.7	-10.88
L0001077	539371.8	4215458.7	-6.92
L0001077	539381.8	4215458.7	-0.01
L0001077	539341.8	4215468.7	-11.15
L0001077	539351.8	4215468.7	-18.94
L0001077	539361.8	4215468.7	-20.56
L0001077	539371.8	4215468.7	-14.00
L0001077	539381.8	4215468.7	-5.04
L0001077	539342.6	4215482.8	-13.18
L0001077	539367.2	4215481.2	-20.50
L0001077	539354.9	4215482.0	-24.21
L0001077	539382.5	4215484.6	-4.97
L0001078	539325.2	4215460.6	-9.39
L0001078	539345.2	4215460.6	-3.94
L0001078	539305.2	4215480.6	-6.34
L0001078	539325.2	4215480.6	-26.34
L0001078	539345.2	4215480.6	-13.64
L0001078	539305.2	4215500.6	0.80
L0001078	539325.2	4215500.6	-9.93
L0001078	539345.2	4215500.6	-4.37
L0001078	539341.8	4215458.7	-4.23
L0001078	539341.8	4215468.7	-12.13
L0001078	539351.8	4215468.7	-3.92
L0001078	539323.7	4215486.1	-22.67
L0001078	539342.6	4215482.8	-16.12
L0001078	539310.6	4215490.1	-9.57
L0001078	539354.9	4215482.0	-3.89
L0001083	538947.7	4216163.6	-10.54
L0001084	538947.7	4216163.6	-5.41
L0001089	538865.2	4216000.6	-0.26
L0001089	538885.2	4216000.6	-14.67
L0001089	538905.2	4216000.6	-10.37

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	RECEPTOR LOCATION XR (METERS)	RECEPTOR LOCATION YR (METERS)	DISTANCE (METERS)
L0001090	538885.2	4215960.6	-0.30
L0001090	538905.2	4215960.6	-4.08
L0001090	538885.2	4215980.6	-13.78
L0001090	538905.2	4215980.6	-22.75
L0001090	538925.2	4215980.6	-4.65
L0001090	538885.2	4216000.6	-8.93
L0001090	538905.2	4216000.6	-14.72
L0001090	538925.2	4216000.6	-1.30
L0001091	538885.2	4215940.6	0.98
L0001091	538905.2	4215940.6	-11.69
L0001091	538925.2	4215940.6	-7.39
L0001091	538885.2	4215960.6	-4.26
L0001091	538905.2	4215960.6	-23.82
L0001091	538925.2	4215960.6	-15.37
L0001091	538905.2	4215980.6	-6.73
L0001091	538925.2	4215980.6	-3.22

L0001092	538905.2	4215920.6	-3.63
L0001092	538925.2	4215920.6	-16.71
L0001092	538945.2	4215920.6	-8.59
L0001092	538905.2	4215940.6	-5.97
L0001092	538925.2	4215940.6	-22.35
L0001092	538945.2	4215940.6	-11.55
L0001092	538925.2	4215960.6	-2.78
L0001093	538945.2	4215880.6	-1.51
L0001093	538925.2	4215900.6	-7.98
L0001093	538945.2	4215900.6	-21.51
L0001093	538965.2	4215900.6	-8.56
L0001093	538925.2	4215920.6	-6.64
L0001093	538945.2	4215920.6	-18.47
L0001093	538965.2	4215920.6	-7.18
L0001094	538945.2	4215860.6	-0.19
L0001094	538965.2	4215860.6	-5.87
L0001094	538945.2	4215880.6	-11.88
L0001094	538965.2	4215880.6	-25.36
L0001094	538985.2	4215880.6	-7.30
L0001094	538945.2	4215900.6	-6.16
L0001094	538965.2	4215900.6	-13.83
L0001094	538985.2	4215900.6	-2.52
L0001095	538965.2	4215840.6	-5.35
L0001095	538985.2	4215840.6	-9.83

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001095	538965.2	4215860.6	-14.97
L0001095	538985.2	4215860.6	-24.99
L0001095	539005.2	4215860.6	-5.01
L0001095	538965.2	4215880.6	-4.61
L0001095	538985.2	4215880.6	-8.93
L0001096	538985.2	4215820.6	-10.50
L0001096	539005.2	4215820.6	-13.11
L0001096	538985.2	4215840.6	-16.67
L0001096	539005.2	4215840.6	-20.91
L0001096	539025.2	4215840.6	-1.93
L0001096	538985.2	4215860.6	-2.15
L0001096	539005.2	4215860.6	-3.91
L0001097	539005.2	4215800.6	-15.61
L0001097	539025.2	4215800.6	-15.24
L0001097	539005.2	4215820.6	-16.46
L0001097	539025.2	4215820.6	-16.06
L0001097	539005.2	4215840.6	0.98
L0001098	539025.2	4215760.6	-2.93
L0001098	539045.2	4215760.6	-0.85
L0001098	539005.2	4215780.6	-2.23
L0001098	539025.2	4215780.6	-20.64
L0001098	539045.2	4215780.6	-15.70
L0001098	539005.2	4215800.6	0.44
L0001098	539025.2	4215800.6	-14.41
L0001098	539045.2	4215800.6	-11.03
L0001099	539045.2	4215740.6	-6.98
L0001099	539065.2	4215740.6	-3.27
L0001099	539025.2	4215760.6	-4.50
L0001099	539045.2	4215760.6	-24.11

L0001099	539065.2	4215760.6	-15.18
L0001099	539025.2	4215780.6	0.91
L0001099	539045.2	4215780.6	-11.56
L0001099	539065.2	4215780.6	-7.09
L0001100	539065.2	4215720.6	-10.27
L0001100	539085.2	4215720.6	-5.27
L0001100	539045.2	4215740.6	-5.53
L0001100	539065.2	4215740.6	-25.47
L0001100	539085.2	4215740.6	-14.43
L0001100	539065.2	4215760.6	-8.74
L0001100	539085.2	4215760.6	-4.04

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001101	539065.2	4215700.6	-1.51
L0001101	539085.2	4215700.6	-13.55
L0001101	539105.2	4215700.6	-6.99
L0001101	539065.2	4215720.6	-6.14
L0001101	539085.2	4215720.6	-24.71
L0001101	539105.2	4215720.6	-13.05
L0001101	539085.2	4215740.6	-5.79
L0001101	539105.2	4215740.6	-0.93
L0001102	539085.2	4215680.6	-3.97
L0001102	539105.2	4215680.6	-16.83
L0001102	539125.2	4215680.6	-8.33
L0001102	539085.2	4215700.6	-6.31
L0001102	539105.2	4215700.6	-22.43
L0001102	539125.2	4215700.6	-11.20
L0001102	539105.2	4215720.6	-2.77
L0001103	539125.2	4215640.6	-0.20
L0001103	539105.2	4215660.6	-6.23
L0001103	539125.2	4215660.6	-20.11
L0001103	539145.2	4215660.6	-9.23
L0001103	539105.2	4215680.6	-6.02
L0001103	539125.2	4215680.6	-19.60
L0001103	539145.2	4215680.6	-8.99
L0001103	539125.2	4215700.6	0.31
L0001104	539145.2	4215620.6	-3.40
L0001104	539125.2	4215640.6	-8.23
L0001104	539145.2	4215640.6	-23.37
L0001104	539165.2	4215640.6	-9.64
L0001104	539125.2	4215660.6	-5.29
L0001104	539145.2	4215660.6	-16.56
L0001104	539165.2	4215660.6	-6.52
L0001104	539168.9	4215647.8	-6.98
L0001105	539145.2	4215600.6	0.69
L0001105	539165.2	4215600.6	-6.56
L0001105	539185.2	4215600.6	0.93
L0001105	539145.2	4215620.6	-9.89
L0001105	539165.2	4215620.6	-26.56
L0001105	539185.2	4215620.6	-9.51
L0001105	539145.2	4215640.6	-4.16
L0001105	539165.2	4215640.6	-13.42
L0001105	539185.2	4215640.6	-3.87

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001105	539168.9	4215647.8	-5.97
L0001106	539165.2	4215580.6	-2.15
L0001106	539185.2	4215580.6	-9.61
L0001106	539205.2	4215580.6	-0.74
L0001106	539165.2	4215600.6	-11.00
L0001106	539185.2	4215600.6	-28.92
L0001106	539205.2	4215600.6	-8.98
L0001106	539165.2	4215620.6	-2.67
L0001106	539185.2	4215620.6	-10.33
L0001106	539205.2	4215620.6	-1.23
L0001107	539185.2	4215560.6	-4.22
L0001107	539205.2	4215560.6	-12.20
L0001107	539225.2	4215560.6	-2.27
L0001107	539185.2	4215580.6	-11.16
L0001107	539205.2	4215580.6	-27.38
L0001107	539225.2	4215580.6	-8.57
L0001107	539185.2	4215600.6	-0.92
L0001107	539205.2	4215600.6	-7.69
L0001107	539225.2	4215600.6	0.82
L0001108	539205.2	4215540.6	-6.18
L0001108	539225.2	4215540.6	-14.79
L0001108	539245.2	4215540.6	-3.63
L0001108	539205.2	4215560.6	-10.96
L0001108	539225.2	4215560.6	-24.85
L0001108	539245.2	4215560.6	-7.85
L0001108	539205.2	4215580.6	0.95
L0001108	539225.2	4215580.6	-5.06
L0001109	539225.2	4215520.6	-8.00
L0001109	539245.2	4215520.6	-17.35
L0001109	539265.2	4215520.6	-4.78
L0001109	539225.2	4215540.6	-10.40
L0001109	539245.2	4215540.6	-22.25
L0001109	539265.2	4215540.6	-6.84
L0001109	539245.2	4215560.6	-2.42
L0001110	539265.2	4215480.6	-0.04
L0001110	539245.2	4215500.6	-9.63
L0001110	539265.2	4215500.6	-19.88
L0001110	539285.2	4215500.6	-5.70
L0001110	539245.2	4215520.6	-9.51
L0001110	539265.2	4215520.6	-19.63

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)

L0001110	539285.2	4215520.6	-5.60
L0001110	539265.2	4215540.6	0.22
L0001110	539278.3	4215504.6	-13.61
L0001110	539293.2	4215515.0	0.51
L0001110	539287.9	4215499.4	-2.70
L0001111	539265.2	4215480.6	-5.20
L0001111	539285.2	4215480.6	-17.58
L0001111	539305.2	4215480.6	-7.77
L0001111	539265.2	4215500.6	-7.15
L0001111	539285.2	4215500.6	-22.17
L0001111	539305.2	4215500.6	-9.97
L0001111	539285.2	4215520.6	-2.27
L0001111	539278.3	4215504.6	-15.60
L0001111	539297.5	4215494.1	-19.10
L0001111	539293.2	4215515.0	-7.04
L0001111	539287.9	4215499.4	-23.47
L0001111	539310.6	4215490.1	-5.92
L0001134	539205.2	4216000.6	-5.18
L0001134	539225.2	4216000.6	-12.12
L0001134	539245.2	4216000.6	-1.30
L0001135	539225.2	4215980.6	-10.91
L0001135	539245.2	4215980.6	-15.93
L0001135	539265.2	4215980.6	-1.16
L0001135	539225.2	4216000.6	-14.11
L0001135	539245.2	4216000.6	-20.72
L0001135	539265.2	4216000.6	-3.17
L0001136	539245.2	4215940.6	0.00
L0001136	539265.2	4215940.6	-0.63
L0001136	539245.2	4215960.6	-16.48
L0001136	539265.2	4215960.6	-17.95
L0001136	539285.2	4215960.6	0.13
L0001136	539245.2	4215980.6	-13.70
L0001136	539265.2	4215980.6	-14.90
L0001137	539265.2	4215920.6	-5.67
L0001137	539285.2	4215920.6	-3.87
L0001137	539245.2	4215940.6	-2.10
L0001137	539265.2	4215940.6	-21.68
L0001137	539285.2	4215940.6	-17.34
L0001137	539265.2	4215960.6	-11.38
L0001137	539285.2	4215960.6	-9.07

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001138	539265.2	4215900.6	0.53
L0001138	539285.2	4215900.6	-11.25
L0001138	539305.2	4215900.6	-6.09
L0001138	539265.2	4215920.6	-5.42
L0001138	539285.2	4215920.6	-25.14
L0001138	539305.2	4215920.6	-14.39
L0001138	539285.2	4215940.6	-7.73
L0001138	539305.2	4215940.6	-3.24
L0001139	539285.2	4215880.6	-4.88
L0001139	539305.2	4215880.6	-16.60
L0001139	539325.2	4215880.6	-7.02
L0001139	539285.2	4215900.6	-7.69

L0001139	539305.2	4215900.6	-23.20
L0001139	539325.2	4215900.6	-10.12
L0001139	539305.2	4215920.6	-3.29
L0001140	539325.2	4215840.6	-1.47
L0001140	539305.2	4215860.6	-10.04
L0001140	539325.2	4215860.6	-21.32
L0001140	539345.2	4215860.6	-6.48
L0001140	539305.2	4215880.6	-8.55
L0001140	539325.2	4215880.6	-18.29
L0001140	539345.2	4215880.6	-5.21
L0001141	539325.2	4215820.6	-2.12
L0001141	539345.2	4215820.6	-5.84
L0001141	539325.2	4215840.6	-14.72
L0001141	539345.2	4215840.6	-23.71
L0001141	539365.2	4215840.6	-4.58
L0001141	539325.2	4215860.6	-7.86
L0001141	539345.2	4215860.6	-12.79
L0001141	539365.2	4215860.6	0.04
L0001142	539345.2	4215800.6	-7.95
L0001142	539365.2	4215800.6	-9.48
L0001142	539345.2	4215820.6	-18.29
L0001142	539365.2	4215820.6	-21.52
L0001142	539385.2	4215820.6	-1.59
L0001142	539345.2	4215840.6	-5.75
L0001142	539365.2	4215840.6	-7.13
L0001142	539351.3	4215796.1	-6.04
L0001143	539365.2	4215780.6	-13.78
L0001143	539385.2	4215780.6	-11.93

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	RECEPTOR LOCATION XR (METERS)	RECEPTOR LOCATION YR (METERS)	DISTANCE (METERS)
L0001143	539345.2	4215800.6	-0.93
L0001143	539365.2	4215800.6	-19.58
L0001143	539385.2	4215800.6	-16.87
L0001143	539365.2	4215820.6	-2.53
L0001143	539385.2	4215820.6	-1.39
L0001143	539351.3	4215796.1	-7.66
L0001144	539385.2	4215740.6	-0.54
L0001144	539365.2	4215760.6	-3.25
L0001144	539385.2	4215760.6	-19.61
L0001144	539405.2	4215760.6	-12.67
L0001144	539365.2	4215780.6	-2.50
L0001144	539385.2	4215780.6	-17.82
L0001144	539405.2	4215780.6	-11.54
L0001145	539405.2	4215720.6	-5.79
L0001145	539425.2	4215720.6	0.12
L0001145	539385.2	4215740.6	-7.64
L0001145	539405.2	4215740.6	-25.42
L0001145	539425.2	4215740.6	-11.50
L0001145	539385.2	4215760.6	-2.88
L0001145	539405.2	4215760.6	-13.99
L0001145	539425.2	4215760.6	-5.97
L0001146	539405.2	4215700.6	-3.12
L0001146	539425.2	4215700.6	-10.70
L0001146	539445.2	4215700.6	-1.32
L0001146	539405.2	4215720.6	-11.23

L0001146	539425.2	4215720.6	-28.54
L0001146	539445.2	4215720.6	-8.73
L0001146	539405.2	4215740.6	-2.03
L0001146	539425.2	4215740.6	-9.21
L0001146	539445.2	4215740.6	-0.29
L0001147	539425.2	4215680.6	-8.82
L0001147	539445.2	4215680.6	-14.93
L0001147	539465.2	4215680.6	-1.61
L0001147	539425.2	4215700.6	-13.48
L0001147	539445.2	4215700.6	-22.82
L0001147	539465.2	4215700.6	-4.89
L0001147	539425.2	4215720.6	-0.04
L0001147	539445.2	4215720.6	-3.99
L0001148	539465.2	4215640.6	0.51
L0001148	539445.2	4215660.6	-14.43

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001148	539465.2	4215660.6	-17.76
L0001148	539485.2	4215660.6	-0.72
L0001148	539445.2	4215680.6	-13.82
L0001148	539465.2	4215680.6	-16.99
L0001148	539485.2	4215680.6	-0.39
L0001149	539465.2	4215620.6	-3.72
L0001149	539485.2	4215620.6	-3.04
L0001149	539445.2	4215640.6	-0.53
L0001149	539465.2	4215640.6	-19.78
L0001149	539485.2	4215640.6	-18.14
L0001149	539465.2	4215660.6	-12.15
L0001149	539485.2	4215660.6	-11.16
L0001150	539485.2	4215600.6	-9.36
L0001150	539505.2	4215600.6	-5.69
L0001150	539465.2	4215620.6	-4.12
L0001150	539485.2	4215620.6	-24.11
L0001150	539505.2	4215620.6	-15.87
L0001150	539485.2	4215640.6	-8.94
L0001150	539505.2	4215640.6	-5.33
L0001151	539485.2	4215580.6	-2.87
L0001151	539505.2	4215580.6	-14.84
L0001151	539525.2	4215580.6	-7.12
L0001151	539485.2	4215600.6	-6.77
L0001151	539505.2	4215600.6	-24.26
L0001151	539525.2	4215600.6	-11.92
L0001151	539505.2	4215620.6	-4.77
L0001151	539525.2	4215620.6	0.50
L0001152	539525.2	4215540.6	0.06
L0001152	539505.2	4215560.6	-8.11
L0001152	539525.2	4215560.6	-19.93
L0001152	539545.2	4215560.6	-7.11
L0001152	539505.2	4215580.6	-8.16
L0001152	539525.2	4215580.6	-20.02
L0001152	539545.2	4215580.6	-7.15
L0001152	539525.2	4215600.6	-0.03
L0001153	539525.2	4215520.6	-0.53
L0001153	539505.2	4215540.6	-9.60
L0001153	539525.2	4215540.6	-20.40

L0001153	539545.2	4215540.6	-6.15
L0001153	539505.2	4215560.6	-9.03

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001153	539525.2	4215560.6	-19.23
L0001153	539545.2	4215560.6	-5.66
L0001153	539525.2	4215580.6	0.66
L0001154	539485.2	4215520.6	-11.13
L0001154	539505.2	4215520.6	-13.43
L0001154	539485.2	4215540.6	-16.76
L0001154	539505.2	4215540.6	-20.33
L0001154	539525.2	4215540.6	-1.50
L0001154	539485.2	4215560.6	-1.81
L0001154	539505.2	4215560.6	-3.30
L0001155	539465.2	4215500.6	-10.20
L0001155	539485.2	4215500.6	-7.02
L0001155	539445.2	4215520.6	-3.36
L0001155	539465.2	4215520.6	-23.26
L0001155	539485.2	4215520.6	-16.52
L0001155	539465.2	4215540.6	-7.65
L0001155	539485.2	4215540.6	-4.79
L0001156	539425.2	4215480.6	0.92
L0001156	539445.2	4215480.6	-7.74
L0001156	539465.2	4215480.6	-1.11
L0001156	539425.2	4215500.6	-8.37
L0001156	539445.2	4215500.6	-27.32
L0001156	539465.2	4215500.6	-11.38
L0001156	539425.2	4215520.6	-2.07
L0001156	539445.2	4215520.6	-12.13
L0001156	539465.2	4215520.6	-4.33
L0001157	539425.2	4215460.6	-0.50
L0001157	539405.2	4215480.6	-12.63
L0001157	539425.2	4215480.6	-19.58
L0001157	539445.2	4215480.6	-3.24
L0001157	539405.2	4215500.6	-11.55
L0001157	539425.2	4215500.6	-17.87
L0001157	539445.2	4215500.6	-2.53
L0001157	539397.8	4215487.9	-7.70
L0001158	539385.2	4215460.6	-9.57
L0001158	539405.2	4215460.6	-6.32
L0001158	539365.2	4215480.6	-3.57
L0001158	539385.2	4215480.6	-23.54
L0001158	539405.2	4215480.6	-16.40
L0001158	539385.2	4215500.6	-8.40

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001158	539405.2	4215500.6	-5.30
L0001158	539371.8	4215458.7	-0.92
L0001158	539381.8	4215458.7	-6.54
L0001158	539371.8	4215468.7	-7.22
L0001158	539381.8	4215468.7	-15.04
L0001158	539367.2	4215481.2	-5.61
L0001158	539397.8	4215487.9	-19.96
L0001158	539382.5	4215484.6	-19.83
L0001158	539391.7	4215503.7	-6.33
L0001159	539345.2	4215460.6	-5.66
L0001159	539365.2	4215460.6	-11.95
L0001159	539385.2	4215460.6	-0.68
L0001159	539345.2	4215480.6	-13.18
L0001159	539365.2	4215480.6	-25.96
L0001159	539385.2	4215480.6	-6.55
L0001159	539345.2	4215500.6	-2.18
L0001159	539365.2	4215500.6	-7.47
L0001159	539361.8	4215448.7	-0.31
L0001159	539341.8	4215458.7	-1.94
L0001159	539351.8	4215458.7	-7.92
L0001159	539361.8	4215458.7	-10.31
L0001159	539371.8	4215458.7	-7.91
L0001159	539381.8	4215458.7	-1.93
L0001159	539341.8	4215468.7	-7.78
L0001159	539351.8	4215468.7	-16.08
L0001159	539361.8	4215468.7	-20.31
L0001159	539371.8	4215468.7	-16.07
L0001159	539381.8	4215468.7	-7.77
L0001159	539342.6	4215482.8	-10.20
L0001159	539367.2	4215481.2	-23.89
L0001159	539354.9	4215482.0	-22.14
L0001159	539382.5	4215484.6	-8.41
L0001160	539325.2	4215460.6	-9.05
L0001160	539345.2	4215460.6	-6.30
L0001160	539305.2	4215480.6	-3.06
L0001160	539325.2	4215480.6	-23.05
L0001160	539345.2	4215480.6	-16.93
L0001160	539325.2	4215500.6	-8.60
L0001160	539345.2	4215500.6	-5.90
L0001160	539341.8	4215458.7	-6.20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001160	539351.8	4215458.7	-0.65
L0001160	539341.8	4215468.7	-14.77
L0001160	539351.8	4215468.7	-7.05
L0001160	539323.7	4215486.1	-19.80
L0001160	539342.6	4215482.8	-19.27
L0001160	539310.6	4215490.1	-6.38
L0001160	539354.9	4215482.0	-7.15
L0001161	539305.2	4215460.6	-2.74

L0001161	539285.2	4215480.6	-10.74
L0001161	539305.2	4215480.6	-22.51
L0001161	539325.2	4215480.6	-6.73
L0001161	539285.2	4215500.6	-8.00
L0001161	539305.2	4215500.6	-16.99
L0001161	539325.2	4215500.6	-4.41
L0001161	539278.3	4215504.6	-0.05
L0001161	539297.5	4215494.1	-21.62
L0001161	539323.7	4215486.1	-9.30
L0001161	539293.2	4215515.0	-1.08
L0001161	539287.9	4215499.4	-10.94
L0001161	539310.6	4215490.1	-22.11
L0001162	539325.2	4215580.6	-3.97
L0001162	539305.2	4215600.6	-11.34
L0001162	539325.2	4215600.6	-23.63
L0001162	539345.2	4215600.6	-6.91
L0001162	539305.2	4215620.6	-7.39
L0001162	539325.2	4215620.6	-15.73
L0001162	539345.2	4215620.6	-3.61
L0001163	539305.2	4215560.6	0.27
L0001163	539285.2	4215580.6	-14.23
L0001163	539305.2	4215580.6	-18.10
L0001163	539325.2	4215580.6	-1.11
L0001163	539285.2	4215600.6	-13.45
L0001163	539305.2	4215600.6	-17.08
L0001163	539325.2	4215600.6	-0.67
L0001164	539245.2	4215560.6	0.49
L0001164	539265.2	4215560.6	-15.07
L0001164	539285.2	4215560.6	-12.21
L0001164	539245.2	4215580.6	-1.41
L0001164	539265.2	4215580.6	-19.48
L0001164	539285.2	4215580.6	-15.71

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001164	539265.2	4215600.6	-1.74
L0001164	539285.2	4215600.6	-0.13
L0001165	539225.2	4215540.6	-2.07
L0001165	539245.2	4215540.6	-13.98
L0001165	539265.2	4215540.6	-6.90
L0001165	539225.2	4215560.6	-6.52
L0001165	539245.2	4215560.6	-24.72
L0001165	539265.2	4215560.6	-12.54
L0001165	539245.2	4215580.6	-5.52
L0001165	539265.2	4215580.6	-0.40
L0001166	539245.2	4215520.6	-7.44
L0001166	539265.2	4215520.6	-16.23
L0001166	539285.2	4215520.6	-4.11
L0001166	539245.2	4215540.6	-10.91
L0001166	539265.2	4215540.6	-23.29
L0001166	539285.2	4215540.6	-7.06
L0001166	539265.2	4215560.6	-3.53
L0001167	539265.2	4215500.6	-4.47
L0001167	539285.2	4215500.6	-15.40
L0001167	539305.2	4215500.6	-6.02
L0001167	539265.2	4215520.6	-8.34

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                          L0001167           539285.2     4215520.6          -24.47
                          L0001167           539305.2     4215520.6          -10.19
                          L0001167           539285.2     4215540.6           -4.54
                          L0001167           539278.3     4215504.6          -16.81
                          L0001167           539297.5     4215494.1           -6.01
                          L0001167           539308.1     4215525.3           -5.84
                          L0001167           539293.2     4215515.0          -22.96
                          L0001167           539287.9     4215499.4          -14.06
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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1
```

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

```
   Surface file:   NOVATO OPS NO2_1HR_JULY 2025.SFC                                          Met Version:
18081
   Profile file:   NOVATO OPS NO2_1HR_JULY 2025.PFL
   Surface format: FREE

   Profile format: FREE

   Surface station no.:    72040                Upper air station no.:    23230
                 Name: UNKNOWN                                  Name: OAKLAND/WSO_AP
                 Year:   2013                                   Year:   2013

 First 24 hours of scalar data
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN ALBEDO  REF WS   WD     HT  REF TA
 HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -
```

```
 13 01 01   1 01 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  275.1
2.0
 13 01 01   1 02   -5.0  0.090 -9.000 -9.000 -999.   65.     13.4  0.03   1.38   1.00    1.50  178.   10.0  276.1
2.0
 13 01 01   1 03 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 04   -8.1  0.111 -9.000 -9.000 -999.   89.     15.6  0.01   1.38   1.00    2.10   23.   10.0  276.1
2.0
 13 01 01   1 05  -11.1  0.137 -9.000 -9.000 -999.  122.     21.3  0.04   1.38   1.00    2.10   93.   10.0  276.1
2.0
 13 01 01   1 06  -15.6  0.162 -9.000 -9.000 -999.  156.     28.8  0.03   1.38   1.00    2.60  192.   10.0  276.1
2.0
 13 01 01   1 07  -12.7  0.140 -9.000 -9.000 -999.  126.     21.7  0.01   1.38   1.00    2.60  345.   10.0  274.1
2.0
 13 01 01   1 08 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0
 13 01 01   1 09 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   0.40    0.00    0.   10.0  275.1
2.0
 13 01 01   1 10   47.4 -9.000 -9.000 -9.000  123. -999. -99999.0  0.02   1.38   0.27    0.00    0.   10.0  279.1
2.0
 13 01 01   1 11   90.7  0.161  0.901  0.005  295.  155.     -4.2  0.01   1.38   0.22    2.10   74.   10.0  281.1
2.0
 13 01 01   1 12  115.7  0.364  1.360  0.008  796.  527.    -38.1  0.01   1.38   0.21    5.70   46.   10.0  283.1
2.0
 13 01 01   1 13  120.9  0.398  1.443  0.008  908.  602.    -47.6  0.04   1.38   0.20    5.10   93.   10.0  285.1
2.0
 13 01 01   1 14  105.4  0.230  1.394  0.007  940.  286.    -10.6  0.04   1.38   0.21    2.60  129.   10.0  285.1
2.0
 13 01 01   1 15   71.0  0.323  1.231  0.006  961.  441.    -43.5  0.01   1.38   0.24    5.10   72.   10.0  286.1
2.0
 13 01 01   1 16   20.1  0.172  0.811  0.006  967.  188.    -23.2  0.04   1.38   0.33    2.10  114.   10.0  286.1
2.0
 13 01 01   1 17   -9.2  0.130 -9.000 -9.000 -999.  112.     21.6  0.03   1.38   0.56    2.10  231.   10.0  282.1
2.0
 13 01 01   1 18  -15.5  0.162 -9.000 -9.000 -999.  156.     28.9  0.03   1.38   1.00    2.60  247.   10.0  281.1
2.0
 13 01 01   1 19  -10.0  0.129 -9.000 -9.000 -999.  111.     19.4  0.03   1.38   1.00    2.10  214.   10.0  279.1
2.0
 13 01 01   1 20  -20.2  0.195 -9.000 -9.000 -999.  207.     41.9  0.03   1.38   1.00    3.10  187.   10.0  277.1
2.0
 13 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  275.1
2.0
 13 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1 -999.  -99.00   275.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 208
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                  INCLUDING SOURCE(S):     L0001030    , L0001031    , L0001032    , L0001033    ,
L0001034    ,
               L0001035    , L0001036    , L0001037    , L0001038    , L0001039    , L0001040    , L0001041    ,
L0001042    ,
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L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	0.31168	0.29891	0.30537	0.32280	0.35115	0.39713	0.45592	0.43567	0.40956
4215980.65	0.28990	0.28838	0.29990	0.31709	0.33747	0.37335	0.43789	0.48753	0.43366
4215960.65	0.27802	0.28314	0.29474	0.31135	0.33047	0.35520	0.40213	0.43600	0.48764
4215940.65	0.26893	0.27506	0.29042	0.30622	0.32438	0.34642	0.37619	0.42215	0.45387
4215920.65	0.25848	0.26961	0.28463	0.30215	0.31907	0.33981	0.36479	0.40032	0.45107
4215900.65	0.25400	0.26302	0.27925	0.29584	0.31473	0.33417	0.35716	0.38588	0.42865
4215880.65	0.24686	0.25376	0.27180	0.28994	0.30836	0.32856	0.35102	0.37713	0.41061
4215860.65	0.24353	0.25041	0.26385	0.28110	0.30164	0.32213	0.34434	0.37035	0.40024
4215840.65	0.24755	0.25314	0.25989	0.27431	0.29061	0.31422	0.33736	0.36189	0.39154
4215820.65	0.25186	0.25939	0.26796	0.27509	0.28533	0.30420	0.32741	0.35399	0.38175
4215800.65	0.25961	0.26645	0.27427	0.28327	0.29281	0.30105	0.31861	0.34109	0.37214
4215780.65	0.26583	0.27434	0.28305	0.29114	0.30103	0.31141	0.32204	0.33312	0.35820
4215760.65	0.26605	0.27786	0.28981	0.30059	0.31071	0.32037	0.33263	0.34497	0.35699
4215740.65	0.26779	0.27786	0.29013	0.30416	0.31855	0.33102	0.34329	0.35542	0.37091
4215720.65	0.26730	0.27948	0.29234	0.30501	0.31860	0.33427	0.35179	0.36803	0.38351
4215700.65	0.26894	0.27867	0.29189	0.30511	0.32142	0.33719	0.35267	0.37210	0.39363
4215680.65	0.27295	0.28373	0.29439	0.30627	0.32106	0.33780	0.35547	0.37631	0.39648
4215660.65	0.27618	0.28471	0.29709	0.31037	0.32520	0.33982	0.35587	0.37685	0.39901
4215640.65	0.29138	0.28220	0.29328	0.30921	0.32585	0.34310	0.36100	0.38060	0.40117
4215620.65	0.29788	0.30316	0.29263	0.30016	0.31600	0.33557	0.35676	0.37964	0.40325
4215600.65	0.30268	0.31182	0.32001	0.31358	0.32778	0.34275	0.35865	0.37206	0.39073
4215580.65	0.29918	0.31054	0.32037	0.33351	0.35034	0.36905	0.38963	0.38785	0.40474
4215560.65	0.30542	0.31570	0.32749	0.33712	0.35271	0.36953	0.38829	0.40954	0.40725
4215540.65	0.30846	0.32090	0.33315	0.34622	0.36330	0.38186	0.40206	0.42217	0.44072
4215520.65	0.33981	0.35319	0.36690	0.38153	0.39964	0.41934	0.44087	0.46346	0.48489
4215500.65	0.37466	0.38958	0.40565	0.42272	0.44444	0.46750	0.49302	0.52081	0.55057
4215480.65	0.40733	0.42391	0.44168	0.46153	0.48265	0.50668	0.53251	0.55973	0.59060

```
  4215460.65 |       0.42042      0.43594      0.45219      0.47028      0.48953      0.50956      0.53105
0.55490      0.58060
  4215440.65 |       0.40970      0.42184      0.43507      0.44791      0.46338      0.48203      0.50091
0.52059      0.54314
  4215420.65 |       0.38869      0.39990      0.41071      0.42517      0.44018      0.45870      0.47947
0.50515      0.53812
  4215400.65 |       0.37246      0.38771      0.40479      0.42579      0.44775      0.46950      0.49113
0.51270      0.54085
  4215380.65 |       0.38346      0.39912      0.41464      0.42942      0.44795      0.46591      0.48481
0.50456      0.52767
  4215360.65 |       0.38215      0.39617      0.41063      0.42543      0.44159      0.45673      0.47900
0.50894      0.53799
  4215340.65 |       0.37962      0.39200      0.40396      0.42244      0.44512      0.46629      0.48867
0.50935      0.52769
  4215320.65 |       0.37711      0.39572      0.41365      0.43103      0.44866      0.46324      0.47401
0.48752      0.49508
  4215300.65 |       0.38496      0.40018      0.41263      0.42212      0.43383      0.44210      0.44516
0.44231      0.44477
  4215280.65 |       0.38066      0.38956      0.39808      0.40244      0.40302      0.39829      0.40078
0.42397      0.46234
  4215260.65 |       0.36735      0.36924      0.36706      0.36081      0.36366      0.38284      0.41549
0.45345      0.48654
  4215240.65 |       0.33642      0.32907      0.33224      0.34779      0.37582      0.40965      0.44064
0.46597      0.48608
  4215220.65 |       0.30541      0.31816      0.34244      0.37245      0.40057      0.42460      0.44269
0.46544      0.48570
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 209
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                INCLUDING SOURCE(S):     L0001030    , L0001031    , L0001032    , L0001033    ,
L0001034    ,
               L0001035    , L0001036    , L0001037    , L0001038    , L0001039    , L0001040    , L0001041    ,
L0001042    ,
               L0001043    , L0001044    , L0001045    , L0001046    , L0001047    , L0001048    , L0001049    ,
L0001050    ,
               L0001051    , L0001052    , L0001053    , L0001054    , L0001055    , L0001056    , L0001057    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538745.17    538765.17    538785.17    538805.17    538825.17    538845.17    538865.17
538885.17    538905.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.31350      0.34113      0.36690      0.38925      0.40720      0.42232      0.44422
0.45783      0.46808
  4215180.65 |       0.33764      0.35906      0.37650      0.38850      0.40687      0.42272      0.43049
0.44079      0.44814
  4215160.65 |       0.34947      0.36222      0.37370      0.39090      0.40175      0.40877      0.41501
0.42639      0.43834
  4215140.65 |       0.34690      0.36186      0.37460      0.38102      0.38846      0.39148      0.40609
0.41420      0.41190
  4215120.65 |       0.34914      0.35791      0.36237      0.36898      0.37381      0.38727      0.39242
0.39043      0.39032
  4215100.65 |       0.34124      0.34670      0.35016      0.35868      0.36945      0.37197      0.37142
0.37040      0.36930
  4215080.65 |       0.33103      0.33371      0.34448      0.35271      0.35323      0.35392      0.35243
0.35017      0.34467
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	0.37897	0.36854	0.36388	0.36724	0.37347	0.37747	0.38508	0.38983	0.39035
4215980.65	0.40270	0.38579	0.37805	0.37747	0.38355	0.39053	0.39439	0.40449	0.40503
4215960.65	0.43151	0.42712	0.39269	0.39151	0.39452	0.40171	0.40891	0.41664	0.42354
4215940.65	0.48895	0.46849	0.42391	0.40640	0.40853	0.41442	0.42467	0.43101	0.44189
4215920.65	0.46926	0.48694	0.45969	0.43049	0.42465	0.42836	0.43906	0.44953	0.45650
4215900.65	0.47949	0.48162	0.48566	0.46040	0.44479	0.44692	0.45439	0.46597	0.47629
4215880.65	0.46121	0.49800	0.49315	0.48813	0.47972	0.46608	0.47461	0.48451	0.49927
4215860.65	0.43904	0.48896	0.52031	0.50482	0.49713	0.49619	0.49249	0.50530	0.51993
4215840.65	0.42575	0.47207	0.52491	0.54009	0.52015	0.53903	0.52159	0.52667	0.54188
4215820.65	0.41488	0.45433	0.51016	0.56156	0.55904	0.58018	0.56433	0.55497	0.56897
4215800.65	0.40348	0.44050	0.48643	0.55486	0.53962	0.58019	0.59977	0.59398	0.59601
4215780.65	0.39047	0.42686	0.46856	0.52378	0.56976	0.57076	0.60864	0.62975	0.63515
4215760.65	0.37757	0.40975	0.45360	0.50006	0.56707	0.60224	0.65992	0.64332	0.67054
4215740.65	0.38595	0.40095	0.43467	0.48263	0.53776	0.61642	0.64746	0.70040	0.68698
4215720.65	0.39965	0.41960	0.43810	0.46349	0.51372	0.58076	0.67152	0.69896	0.74917
4215700.65	0.41473	0.43435	0.45687	0.48186	0.50590	0.55116	0.62855	0.70867	0.75803
4215680.65	0.42013	0.44631	0.47392	0.49996	0.53101	0.56352	0.59993	0.68034	0.77179

```
  4215660.65 |       0.42389      0.45157      0.48068      0.51407      0.55062      0.58622      0.63012
0.67373      0.74209
  4215640.65 |       0.42340      0.45371      0.48539      0.52169      0.56006      0.60523      0.65266
0.70266      0.76867
  4215620.65 |       0.42857      0.45646      0.48567      0.52190      0.56707      0.61359      0.66693
0.72693      0.79382
  4215600.65 |       0.41905      0.45140      0.48672      0.52468      0.56650      0.61376      0.67020
0.74018      0.81427
  4215580.65 |       0.42815      0.45298      0.48081      0.51012      0.55320      0.60725      0.66831
0.73591      0.81332
  4215560.65 |       0.42958      0.45843      0.49011      0.52579      0.56750      0.61354      0.66597
0.72515      0.79247
  4215540.65 |       0.44370      0.46748      0.49753      0.53199      0.57013      0.61207      0.66655
0.73249      0.81246
  4215520.65 |       0.51164      0.51949      0.55318      0.59122      0.63502      0.68473      0.74277
0.81042      0.89018
  4215500.65 |       0.58278      0.59108      0.62803      0.67408      0.72622      0.78674      0.85645
0.93786      1.03396
  4215480.65 |       0.62374      0.65914      0.66055      0.69822      0.74851      0.80436      0.86784
0.93968      1.02099
  4215460.65 |       0.60759      0.63505      0.66593      0.66563      0.70232      0.74893      0.79920
0.86989      0.95304
  4215440.65 |       0.56799      0.59799      0.63354      0.67314      0.68974      0.73885      0.79865
0.86577      0.93430
  4215420.65 |       0.57259      0.60789      0.64303      0.68231      0.71893      0.71635      0.76865
0.84193      0.91759
  4215400.65 |       0.56844      0.59641      0.62571      0.66576      0.71517      0.72100      0.77196
0.81643      0.84905
  4215380.65 |       0.55881      0.59993      0.63637      0.67300      0.70277      0.72402      0.74487
0.75936      0.84943
  4215360.65 |       0.56823      0.59547      0.61598      0.63207      0.64090      0.64704      0.70899
0.79709      0.87846
  4215340.65 |       0.54385      0.55774      0.56137      0.56426      0.60975      0.67759      0.74041
0.80534      0.85790
  4215320.65 |       0.49580      0.49845      0.53421      0.58949      0.64295      0.69049      0.74123
0.77559      0.80142
  4215300.65 |       0.47338      0.51958      0.56655      0.60471      0.64673      0.68197      0.70701
0.73154      0.74903
  4215280.65 |       0.50464      0.54031      0.57114      0.60678      0.62813      0.64695      0.67182
0.67979      0.69038
  4215260.65 |       0.51193      0.54170      0.56800      0.58439      0.59541      0.62015      0.62151
0.63168      0.63600
  4215240.65 |       0.51388      0.53072      0.54473      0.55703      0.57489      0.57181      0.58193
0.58381      0.62120
  4215220.65 |       0.49676      0.50805      0.52341      0.53498      0.53178      0.53929      0.53910
0.56918      0.60983
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 211
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                INCLUDING SOURCE(S):     L0001030    , L0001031    , L0001032    , L0001033    ,
L0001034    ,
               L0001035    , L0001036    , L0001037    , L0001038    , L0001039    , L0001040    , L0001041    ,
L0001042    ,
               L0001043    , L0001044    , L0001045    , L0001046    , L0001047    , L0001048    , L0001049    ,
L0001050    ,
               L0001051    , L0001052    , L0001053    , L0001054    , L0001055    , L0001056    , L0001057    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **
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    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538925.17    538945.17    538965.17    538985.17    539005.17    539025.17    539045.17
539065.17    539085.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.47348      0.49267      0.49944      0.49702      0.50196      0.50023      0.52435
0.56376      0.59631
  4215180.65 |       0.46435      0.46718      0.46599      0.46903      0.46608      0.48803      0.52313
0.54940      0.58047
  4215160.65 |       0.43811      0.43830      0.43974      0.43582      0.45609      0.48711      0.51021
0.54147      0.56309
  4215140.65 |       0.41307      0.41354      0.40925      0.42756      0.45505      0.47522      0.50539
0.52531      0.53622
  4215120.65 |       0.39026      0.38549      0.40200      0.42639      0.44697      0.47204      0.49072
0.50823      0.50697
  4215100.65 |       0.36401      0.37888      0.40052      0.42123      0.44115      0.46359      0.48031
0.48039      0.48201
  4215080.65 |       0.35820      0.37853      0.39773      0.41433      0.43759      0.45287      0.46046
0.45952      0.46590
  4215060.65 |       0.35906      0.37615      0.39058      0.41283      0.42611      0.43973      0.43573
0.43775      0.44936
  4215040.65 |       0.35646      0.36870      0.38970      0.40408      0.41846      0.41854      0.41899
0.42597      0.43790
  4215020.65 |       0.35005      0.36808      0.38476      0.39747      0.40296      0.40038      0.40190
0.41097      0.42585
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 212
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                INCLUDING SOURCE(S):     L0001030    , L0001031    , L0001032    , L0001033    ,
L0001034    ,
               L0001035    , L0001036    , L0001037    , L0001038    , L0001039    , L0001040    , L0001041    ,
L0001042    ,
               L0001043    , L0001044    , L0001045    , L0001046    , L0001047    , L0001048    , L0001049    ,
L0001050    ,
               L0001051    , L0001052    , L0001053    , L0001054    , L0001055    , L0001056    , L0001057    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539105.17    539125.17    539145.17    539165.17    539185.17    539205.17    539225.17
539245.17    539265.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4216000.65 |       0.39993      0.41615      0.42433      0.48817      0.66015      0.89379      1.05735
1.02743      0.92224
  4215980.65 |       0.40802      0.42589      0.43474      0.45191      0.53749      0.75665      0.92572
1.06525      1.01043
  4215960.65 |       0.42360      0.43529      0.45010      0.45932      0.48233      0.59556      0.88358
1.03487      1.02979
  4215940.65 |       0.44291      0.44655      0.46598      0.47165      0.49032      0.52335      0.66643
0.92800      1.11257
  4215920.65 |       0.46704      0.46656      0.48056      0.49341      0.50637      0.52922      0.56507
0.75327      0.86867
  4215900.65 |       0.48897      0.49186      0.49646      0.51720      0.52316      0.54295      0.57890
0.60909      0.86462
  4215880.65 |       0.50823      0.52243      0.52208      0.53929      0.54789      0.56480      0.59744
0.62733      0.66855
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  4215860.65 |       0.53576      0.54876      0.55488      0.56074      0.58246      0.59338      0.61961
0.65396      0.67053
  4215840.65 |       0.56098      0.57709      0.59392      0.59455      0.61553      0.62264      0.64626
0.68515      0.70461
  4215820.65 |       0.58770      0.61069      0.62595      0.63805      0.64569      0.66786      0.68354
0.72393      0.74788
  4215800.65 |       0.61928      0.64178      0.66665      0.68845      0.69167      0.71773      0.73081
0.76720      0.79955
  4215780.65 |       0.64986      0.67847      0.70786      0.73299      0.75248      0.76387      0.78336
0.81547      0.86273
  4215760.65 |       0.68839      0.71521      0.74898      0.78784      0.81726      0.82769      0.85994
0.87902      0.93368
  4215740.65 |       0.72447      0.75812      0.79527      0.84067      0.88212      0.91394      0.93206
0.95965      1.01754
  4215720.65 |       0.74299      0.81330      0.84735      0.90092      0.95469      0.99969      1.02544
1.06560      1.11209
  4215700.65 |       0.81041      0.81792      0.90268      0.96133      1.03282      1.10054      1.15460
1.18734      1.23122
  4215680.65 |       0.82874      0.89000      0.94528      1.02412      1.11016      1.20218      1.28821
1.33770      1.39033
  4215660.65 |       0.84946      0.91526      0.99918      1.07016      1.19062      1.31704      1.43950
1.54704      1.61650
  4215640.65 |       0.83823      0.93180      1.02679      1.14964      1.24752      1.42477      1.61494
1.77857      1.89498
  4215620.65 |       0.87313      0.98297      1.03946      1.16906      1.35599      1.50826      1.77139
2.08408      2.28638
  4215600.65 |       0.90263      1.01436      1.13471      1.23501      1.36064      1.64853      1.92226
2.35095      2.68754
  4215580.65 |       0.91293      1.04142      1.18561      1.35526      1.50965      1.69461      2.09591
2.38831      3.04829
  4215560.65 |       0.89496      1.02341      1.17643      1.38946      1.64971      1.90502      2.16463
2.55651      3.34135
  4215540.65 |       0.90828      1.02650      1.17362      1.35968      1.60118      1.94866      2.36161
2.91068      3.74225
  4215520.65 |       0.98588      1.10043      1.24870      1.43915      1.69646      2.05584      2.51790
3.08015      4.07256
  4215500.65 |       1.14953      1.28990      1.46390      1.68768      1.97428      2.35940      2.88617
3.55121      4.55904
  4215480.65 |       1.11380      1.22944      1.36372      1.53742      1.79610      2.14062      2.60196
3.18777      3.97175
  4215460.65 |       1.05413      1.17910      1.31668      1.48273      1.70871      1.95045      2.25415
2.85306      3.28576
  4215440.65 |       1.01911      1.13742      1.26415      1.37778      1.49529      1.82496      2.13376
2.34195      2.71773
  4215420.65 |       0.99108      1.05167      1.10965      1.29711      1.51192      1.68013      1.80209
2.02686      2.32660
  4215400.65 |       0.87855      0.98885      1.14031      1.27429      1.37719      1.45605      1.59074
1.80924      1.98763
  4215380.65 |       0.95834      1.01042      1.08891      1.15775      1.21378      1.29349      1.46743
1.58517      1.70924
  4215360.65 |       0.95461      1.00727      0.99924      1.03712      1.08900      1.21641      1.33025
1.41671      1.47007
  4215340.65 |       0.89356      0.93021      0.90884      0.93727      1.03673      1.13036      1.18050
1.25998      1.32948
  4215320.65 |       0.83172      0.84352      0.85890      0.90762      0.97814      1.02748      1.08846
1.11617      1.21333
  4215300.65 |       0.76041      0.77105      0.84259      0.91232      0.91756      0.93910      0.99123
1.02083      1.10738
  4215280.65 |       0.69751      0.75597      0.81143      0.86584      0.84157      0.87858      0.89477
0.95190      1.01397
  4215260.65 |       0.68237      0.72964      0.77854      0.80669      0.82353      0.81310      0.82109
0.89177      0.93121
  4215240.65 |       0.66273      0.71010      0.74288      0.74892      0.77815      0.74580      0.77640
0.83420      0.85929
  4215220.65 |       0.64978      0.68226      0.68997      0.70787      0.73198      0.69196      0.73754
0.77686      0.79780
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
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*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215200.65	0.62610	0.64314	0.64615	0.67342	0.68706	0.65692	0.70018	0.72885	0.74121
4215180.65	0.60270	0.60467	0.61866	0.64038	0.63723	0.66409	0.66502	0.68474	0.69142
4215160.65	0.56438	0.57147	0.59159	0.60742	0.60072	0.64267	0.63285	0.64490	0.65401
4215140.65	0.53700	0.54927	0.56697	0.56776	0.58079	0.61712	0.63505	0.61047	0.61955
4215120.65	0.51338	0.52836	0.54267	0.53267	0.56154	0.59222	0.60617	0.60542	0.59175
4215100.65	0.49458	0.51034	0.51265	0.51202	0.54669	0.56870	0.57873	0.57306	0.59350
4215080.65	0.47907	0.49211	0.48139	0.49881	0.52913	0.54242	0.55571	0.54731	0.56672
4215060.65	0.46506	0.46835	0.46103	0.48465	0.50964	0.52113	0.52986	0.52634	0.54439
4215040.65	0.45035	0.44314	0.44932	0.47568	0.49290	0.50295	0.50507	0.50826	0.52442
4215020.65	0.43080	0.42225	0.43913	0.46363	0.47528	0.48495	0.48168	0.49205	0.50648

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	0.94911	0.80508	0.71335	0.65329	0.60901	0.58291	0.56057	0.53661	0.51134
4215980.65	1.14014	0.90597	0.77937	0.70270	0.64962	0.61916	0.59195	0.56329	0.53437
4215960.65	1.06576	1.05851	0.86540	0.76287	0.69714	0.65989	0.62594	0.59247	0.56087
4215940.65	0.97432	1.01745	0.98693	0.83880	0.75381	0.70679	0.66525	0.62641	0.59097
4215920.65	1.18569	0.93723	0.99002	0.94060	0.82314	0.76124	0.71050	0.66338	0.62548
4215900.65	0.95980	0.90043	0.92291	1.08379	0.91221	0.82610	0.76209	0.70415	0.66241
4215880.65	0.89004	1.03222	1.07026	0.87983	1.03442	0.90813	0.82186	0.75310	0.70199
4215860.65	0.74767	1.00445	1.08452	0.99447	1.07593	1.01449	0.89426	0.81204	0.75367
4215840.65	0.70902	0.85832	1.11820	1.11117	0.95178	1.16079	0.98728	0.88119	0.81429
4215820.65	0.74471	0.77435	0.96363	1.25238	1.08565	1.01137	1.10839	0.96396	0.88715
4215800.65	0.79561	0.81592	0.83087	0.92516	1.06690	1.02603	1.02158	1.07601	0.97073
4215780.65	0.86298	0.87439	0.87468	0.90633	1.02777	1.04440	0.98422	1.23010	1.07118
4215760.65	0.94629	0.94916	0.94065	0.94577	0.96174	1.12243	0.99631	1.14013	1.20016
4215740.65	1.04671	1.04264	1.02765	1.02146	1.04764	1.06022	1.19970	0.98393	1.11576
4215720.65	1.16940	1.15872	1.14040	1.12376	1.13381	1.11407	1.05275	1.20599	0.98671
4215700.65	1.31940	1.30422	1.28684	1.25947	1.24784	1.19821	1.17107	1.10346	1.18327
4215680.65	1.49884	1.50627	1.48012	1.44364	1.39328	1.33275	1.30256	1.18286	1.13729
4215660.65	1.71982	1.78560	1.74204	1.68657	1.58130	1.51531	1.43589	1.36421	1.22957
4215640.65	2.01051	2.17378	2.11750	2.01367	1.84409	1.74171	1.59467	1.50545	1.36268
4215620.65	2.50075	2.57286	2.44022	2.36504	2.22429	2.03703	1.85057	1.66143	1.54144
4215600.65	2.83050	3.09272	3.10028	3.00987	2.76997	2.43330	2.13425	1.89608	1.65669
4215580.65	3.73349	4.21426	4.25238	3.98392	3.51510	2.97242	2.51439	2.08500	1.71837
4215560.65	4.74343	5.95314	6.35635	5.67270	4.59904	3.63009	2.77829	2.25158	1.86764
4215540.65	5.11433	8.44845	10.04340	7.92881	5.88653	4.17442	3.08413	2.35384	1.99104
4215520.65	5.99441	9.54460	8.33011	9.65176	6.90009	4.67651	3.41344	2.66757	2.13264
4215500.65	6.37094	8.61921	9.66442	10.38560	7.37922	4.74264	3.24266	2.55833	2.22404
4215480.65	5.00128	5.98197	7.52972	7.74170	5.44543	3.52453	3.00300	2.62804	2.05771
4215460.65	3.90296	4.73648	5.19322	5.17815	4.65501	3.45098	2.41325	2.21844	2.12085
4215440.65	3.17011	3.66923	4.08997	4.13930	4.03662	3.33680	2.52787	2.00160	1.64683
4215420.65	2.57349	2.93352	3.14763	3.16364	3.16808	2.85743	2.33029	1.86769	1.52883
4215400.65	2.14183	2.40643	2.53035	2.55796	2.55087	2.43917	2.14945	1.76409	1.47166
4215380.65	1.86019	2.01329	2.10216	2.11995	2.11738	2.06946	1.92164		

Y-COORD (METERS)									
								1.67436	1.41373
4215360.65	1.62495	1.72535	1.79156	1.79842	1.80230	1.80681	1.71767	1.56263	1.35280
4215340.65	1.43456	1.50675	1.56017	1.56254	1.57148	1.58343	1.51500	1.43279	1.30566
4215320.65	1.28722	1.33183	1.37889	1.38241	1.39243	1.39471	1.37282	1.31646	1.21666
4215300.65	1.15538	1.19185	1.23331	1.23834	1.25353	1.24778	1.24621	1.19635	1.13592
4215280.65	1.04598	1.08082	1.11442	1.12267	1.13523	1.12336	1.13840	1.09868	1.06486
4215260.65	0.96080	0.98688	1.01563	1.02562	1.03357	1.02950	1.03296	1.01924	0.98683
4215240.65	0.88619	0.90647	0.93267	0.94334	0.94856	0.94956	0.94894	0.95272	0.91360
4215220.65	0.82114	0.83700	0.86205	0.87266	0.87465	0.87848	0.87688	0.88791	0.86312

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	0.76444	0.77662	0.80121	0.81156	0.80952	0.82050	0.81147	0.82259	0.81426
4215180.65	0.71585	0.72512	0.74910	0.75793	0.75220	0.76998	0.76220	0.76700	0.77235
4215160.65	0.67467	0.68105	0.70259	0.71161	0.70343	0.72325	0.71988	0.71871	0.72916
4215140.65	0.63756	0.64226	0.66174	0.66986	0.66104	0.68027	0.67901	0.67543	0.68460
4215120.65	0.60784	0.60714	0.62532	0.63266	0.62394	0.64101	0.64141	0.63595	0.64416
4215100.65	0.57673	0.57551	0.59312	0.59925	0.58972	0.60618	0.61060	0.60637	0.60967
4215080.65	0.58194	0.54741	0.56367	0.56907	0.55878	0.57512	0.58331	0.58038	0.57933
4215060.65	0.55627	0.52536	0.53699	0.54248	0.53476	0.54706	0.55740	0.55536	0.55038
4215040.65	0.53401	0.52947	0.51650	0.52167	0.51243	0.52058	0.53269	0.53027	0.52459
4215020.65	0.51445	0.50885	0.52272	0.49940	0.49468	0.49591	0.50936	0.50711	0.50531

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	0.48923	0.46922	0.45743	0.44794	0.43540	0.42258	0.40882	0.39601	0.38001
4215980.65	0.51205	0.49070	0.48042	0.46705	0.45147	0.43806	0.42337	0.40734	0.39300
4215960.65	0.53589	0.51648	0.50386	0.48739	0.47104	0.45396	0.43754	0.41786	0.40742
4215940.65	0.56145	0.54467	0.52865	0.50795	0.48978	0.47146	0.45084	0.43608	0.42656
4215920.65	0.59402	0.57626	0.55455	0.53268	0.51045	0.48851	0.46739	0.45535	0.44318
4215900.65	0.63130	0.60880	0.58170	0.55690	0.53220	0.50462	0.48771	0.47623	0.46017
4215880.65	0.67298	0.64308	0.61309	0.58397	0.55359	0.52969	0.51477	0.49669	0.47643
4215860.65	0.71848	0.68037	0.64485	0.61204	0.57805	0.55894	0.53880	0.51497	0.49483
4215840.65	0.76802	0.72273	0.68145	0.63985	0.61005	0.58845	0.56152	0.53747	0.51118
4215820.65	0.82272	0.76739	0.71929	0.67702	0.64968	0.61789	0.58826	0.55730	0.53207
4215800.65	0.88625	0.82022	0.75859	0.72313	0.68674	0.64938	0.61202	0.58153	0.55918
4215780.65	0.96151	0.87771	0.81509	0.77183	0.72484	0.67937	0.64120	0.61402	0.58965
4215760.65	1.05308	0.94865	0.88251	0.82038	0.76420	0.71500	0.68071	0.64842	0.61361
4215740.65	1.15975	1.04234	0.95009	0.87496	0.80872	0.76407	0.72041	0.67713	0.63711
4215720.65	1.31405	1.14933	1.02927	0.93420	0.87204	0.81197	0.75523	0.70446	0.65686
4215700.65	1.00891	1.28050	1.11661	1.01897	0.93176	0.85459	0.78732	0.72835	0.68118
4215680.65	1.10481	1.42268	1.24704	1.10169	0.98870	0.89155	0.81797	0.75560	0.70425
4215660.65	1.13752	1.20317	1.38862	1.18989	1.04421	0.93677	0.84959	0.79126	0.74317
4215640.65	1.24768	1.13887	1.15506	1.28778	1.10271	0.98507	0.90683	0.84733	0.79193
4215620.65	1.33952	1.30127	1.07205	1.08856	1.20650	1.08304	0.99021	0.90414	0.82167
4215600.65	1.47051	1.21908	1.33494	1.05693	1.36687	1.19850	1.05295	0.92566	0.81885
4215580.65	1.53121	1.35997	1.23418	1.07878	1.21234	1.26973	1.06836		

0.92081   0.82779
  4215560.65 | 1.58370   1.40858   1.23092   1.26587   1.10498   1.30674   1.10624
0.95953   0.84507
  4215540.65 | 1.66803   1.47431   1.44189   1.55777   1.30467   1.27091   1.09522
0.96553   0.86375
  4215520.65 | 1.79737   1.66586   1.71215   1.68895   1.39189   1.18277   1.03163
0.91604   0.82283
  4215500.65 | 1.78620   1.73679   1.66173   1.39454   1.20724   1.06648   0.92657
0.83015   0.75114
  4215480.65 | 1.87153   1.72329   1.45410   1.25404   1.12079   1.00613   0.89513
0.80004   0.72814
  4215460.65 | 1.82910   1.61979   1.41781   1.23608   1.08043   0.96821   0.87610
0.76926   0.68536
  4215440.65 | 1.47455   1.37821   1.25758   1.12610   1.03524   0.94522   0.85846
0.77819   0.70409
  4215420.65 | 1.31815   1.11822   1.04392   0.99425   0.93731   0.86709   0.79358
0.74300   0.69373
  4215400.65 | 1.23103   1.09820   0.94754   0.83291   0.79415   0.76736   0.73473
0.70315   0.65392
  4215380.65 | 1.20726   1.02251   0.93104   0.82818   0.72669   0.65674   0.64396
0.63849   0.62169
  4215360.65 | 1.17119   1.01950   0.86912   0.80012   0.73357   0.65067   0.60093
0.57198   0.56831
  4215340.65 | 1.12016   0.99738   0.88073   0.75975   0.69955   0.65306   0.59370
0.54722   0.52872
  4215320.65 | 1.10016   0.95383   0.86717   0.77341   0.67916   0.62123   0.58468
0.54274   0.51149
  4215300.65 | 1.05904   0.94522   0.83323   0.76534   0.68860   0.61578   0.55838
0.52656   0.49789
  4215280.65 | 0.99600   0.92929   0.82442   0.73994   0.68440   0.62031   0.56402
0.51244   0.48241
  4215260.65 | 0.94300   0.88810   0.81962   0.72670   0.66497   0.61823   0.56639
0.52081   0.47499
  4215240.65 | 0.89449   0.84605   0.79897   0.72779   0.64993   0.60370   0.56399
0.52186   0.48416
  4215220.65 | 0.84018   0.80828   0.76449   0.72244   0.65288   0.58853   0.55296
0.52051   0.48473

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                  INCLUDING SOURCE(S):   L0001030   , L0001031   , L0001032   , L0001033   ,
L0001034   ,
                 L0001035   , L0001036   , L0001037   , L0001038   , L0001039   , L0001040   , L0001041   ,
L0001042   ,
                 L0001043   , L0001044   , L0001045   , L0001046   , L0001047   , L0001048   , L0001049   ,
L0001050   ,
                 L0001051   , L0001052   , L0001053   , L0001054   , L0001055   , L0001056   , L0001057   ,
. . .   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539465.17   539485.17   539505.17   539525.17   539545.17   539565.17   539585.17
539605.17   539625.17
 -
- - - - - - - -

  4215200.65 | 0.78169   0.77241   0.73542   0.69988   0.65552   0.59287   0.54008
0.51061   0.48346
  4215180.65 | 0.74730   0.73213   0.70806   0.67266   0.64361   0.59806   0.54237

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	0.37007	0.36381	0.35579	0.34673	0.33650
4215980.65	0.38453	0.37722	0.36758	0.35538	0.34592
4215960.65	0.40093	0.39009	0.37662	0.36689	0.35440
4215940.65	0.41510	0.40105	0.38946	0.37596	0.36120
4215920.65	0.42891	0.41470	0.40011	0.38396	0.37339
4215900.65	0.44353	0.42718	0.40908	0.39696	0.38767
4215880.65	0.45880	0.43831	0.42350	0.41257	0.40479
4215860.65	0.47210	0.45439	0.44133	0.43183	0.41847
4215840.65	0.49027	0.47450	0.46274	0.44711	0.42945
4215820.65	0.51329	0.49850	0.48008	0.45967	0.44063
4215800.65	0.54035	0.51803	0.49502	0.47172	0.44974
4215780.65	0.56169	0.53544	0.50901	0.48218	0.45777
4215760.65	0.58216	0.55143	0.51878	0.49288	0.46751
4215740.65	0.60034	0.56457	0.53343	0.50535	0.48319
4215720.65	0.61810	0.58062	0.55021	0.52602	0.49940
4215700.65	0.63639	0.60342	0.57216	0.54301	0.51329
4215680.65	0.66569	0.62883	0.59345	0.56250	0.53230
4215660.65	0.69913	0.65850	0.61696	0.57832	0.53838
4215640.65	0.73302	0.67782	0.62466	0.56949	0.52182
4215620.65	0.74412	0.66954	0.60513	0.55310	0.50739
4215600.65	0.72923	0.65457	0.60230	0.56514	0.53012
4215580.65	0.75332	0.68817	0.63073	0.58061	0.53560
4215560.65	0.75779	0.69824	0.64623	0.60231	0.56317
4215540.65	0.78160	0.71275	0.65466	0.60520	0.56191

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  4215520.65 |       0.74628      0.68139      0.62644      0.57970      0.53856
  4215500.65 |       0.68446      0.62762      0.57905      0.53710      0.50021
  4215480.65 |       0.66666      0.61350      0.56750      0.52715      0.49168
  4215460.65 |       0.63121      0.58532      0.54498      0.51024      0.47883
  4215440.65 |       0.64148      0.58839      0.54241      0.50258      0.46722
  4215420.65 |       0.64508      0.59811      0.55410      0.51355      0.47679
  4215400.65 |       0.60249      0.56961      0.54021      0.51051      0.48102
  4215380.65 |       0.58649      0.54357      0.51304      0.48157      0.45804
  4215360.65 |       0.55547      0.51731      0.48586      0.46335      0.44286
  4215340.65 |       0.51046      0.49622      0.45515      0.43545      0.42249
  4215320.65 |       0.49119      0.47183      0.44071      0.40351      0.38686
  4215300.65 |       0.47784      0.46476      0.43964      0.40087      0.36258
  4215280.65 |       0.45876      0.44999      0.43709      0.40804      0.36495
  4215260.65 |       0.44930      0.42845      0.42472      0.40976      0.37720
  4215240.65 |       0.44563      0.42028      0.40806      0.40183      0.38299
  4215220.65 |       0.45264      0.41960      0.39568      0.38816      0.37947
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 219
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                INCLUDING SOURCE(S):     L0001030    , L0001031    , L0001032    , L0001033    ,
L0001034    ,
                L0001035    , L0001036    , L0001037    , L0001038    , L0001039    , L0001040    , L0001041    ,
L0001042    ,
                L0001043    , L0001044    , L0001045    , L0001046    , L0001047    , L0001048    , L0001049    ,
L0001050    ,
                L0001051    , L0001052    , L0001053    , L0001054    , L0001055    , L0001056    , L0001057    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     539645.17    539665.17    539685.17    539705.17    539725.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.45306      0.42516      0.39650      0.37556      0.36931
  4215180.65 |       0.45148      0.42547      0.40100      0.37601      0.36032
  4215160.65 |       0.44469      0.42424      0.40146      0.37954      0.35848
  4215140.65 |       0.43551      0.41833      0.40022      0.38031      0.36028
  4215120.65 |       0.43308      0.41121      0.39510      0.37907      0.36150
  4215100.65 |       0.43942      0.40781      0.38833      0.37447      0.36029
  4215080.65 |       0.44558      0.41349      0.38533      0.36932      0.35618
  4215060.65 |       0.44700      0.41930      0.38951      0.36644      0.35172
  4215040.65 |       0.44229      0.42205      0.39707      0.37226      0.35109
  4215020.65 |       0.43506      0.41987      0.40011      0.37732      0.35555
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 220
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                INCLUDING SOURCE(S):     L0001030    , L0001031    , L0001032    , L0001033    ,
L0001034    ,
                L0001035    , L0001036    , L0001037    , L0001038    , L0001039    , L0001040    , L0001041    ,
L0001042    ,
                L0001043    , L0001044    , L0001045    , L0001046    , L0001047    , L0001048    , L0001049    ,
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L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	3.50798	539351.84	4215428.70	3.49339
539361.84	4215428.70	3.51047	539371.84	4215428.70	3.37837
539381.84	4215428.70	3.13504	539341.84	4215438.70	4.01964
539351.84	4215438.70	4.02559	539361.84	4215438.70	3.97245
539371.84	4215438.70	3.76382	539381.84	4215438.70	3.42617
539341.84	4215448.70	4.70154	539351.84	4215448.70	4.52092
539361.84	4215448.70	4.25329	539371.84	4215448.70	4.20053
539381.84	4215448.70	3.70918	539341.84	4215458.70	5.00988
539351.84	4215458.70	5.23967	539361.84	4215458.70	4.83131
539371.84	4215458.70	4.11677	539381.84	4215458.70	3.40567
539341.84	4215468.70	6.03894	539351.84	4215468.70	5.88758
539361.84	4215468.70	5.37410	539371.84	4215468.70	4.37635
539381.84	4215468.70	3.46665	539113.88	4215517.52	1.06881
539096.52	4215515.99	0.98806	539108.26	4215501.18	1.16663
539096.01	4215500.67	1.09376	539108.26	4215486.38	1.16367
539094.47	4215485.36	1.08487	539135.32	4215461.36	1.24998
539150.13	4215439.91	1.29017	539114.39	4215452.68	1.09866
539123.07	4215439.40	1.12282	539159.32	4215421.02	1.22845
539145.02	4215416.43	1.11260	539134.30	4215410.81	1.03926
539131.75	4215425.11	1.10381	539206.80	4215383.75	1.32006
539215.99	4215372.52	1.34520	539188.93	4215382.22	1.24091
539176.17	4215379.67	1.18232	539165.44	4215376.09	1.13296
539248.79	4215356.71	1.39853	539243.45	4215348.45	1.31401
539265.58	4215345.25	1.36103	539260.78	4215338.05	1.28369
539256.25	4215351.38	1.36196	539272.77	4215331.92	1.32009
539264.78	4215324.99	1.23493	539280.77	4215321.79	1.27404
539279.97	4215307.14	1.18279	539287.97	4215313.80	1.24442
539297.83	4215304.74	1.20865	539289.56	4215296.21	1.13754
539311.15	4215287.68	1.12200	539303.69	4215281.28	1.08095

539303.69	4215296.21	1.16293	539314.25	4215271.79	1.04528
539329.09	4215260.48	1.02359	539339.69	4215237.16	0.93163
539357.36	4215232.92	0.90541	539394.11	4215199.70	0.81628
539044.99	4215579.21	0.66628	539034.39	4215591.93	0.63916
539054.88	4215556.59	0.69874	539058.42	4215538.92	0.70947
539054.88	4215520.55	0.77481	539082.44	4215477.44	0.99181
539073.96	4215466.13	0.90923	539098.70	4215440.69	0.98361
539109.30	4215426.56	1.02773	539117.07	4215415.96	0.99660
539125.55	4215401.11	0.99080	539158.77	4215367.19	1.06299
539150.29	4215357.30	0.99078	539184.21	4215339.63	1.02935
539222.37	4215324.79	1.09424	539243.58	4215317.72	1.09663

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.79760	539364.42	4215191.93	0.78211
539344.64	4215200.41	0.81094	539409.65	4215113.48	0.63008
539355.94	4215136.80	0.65654	539262.66	4215288.75	1.04243
539282.44	4215261.19	0.95542	539299.41	4215235.04	0.88251
539168.92	4215647.77	1.12134	538947.70	4216163.58	0.45232
539351.30	4215796.06	0.92261	539367.62	4215566.76	4.12399
539278.26	4215504.64	5.93439	539297.51	4215494.11	7.07569
539323.66	4215486.12	8.29478	539342.55	4215482.85	8.28104
539367.23	4215481.23	5.17344	539397.77	4215487.94	3.54298
539352.73	4215556.41	5.62318	539337.83	4215546.05	7.97054
539322.94	4215535.70	11.12548	539308.05	4215525.35	10.28978

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	0.28674	0.27835	0.27099	0.26777	0.27175	0.30226	0.34937	0.34433	0.33236
4215980.65	0.27220	0.26245	0.25636	0.25176	0.26776	0.29545	0.35754	0.38278	0.35391
4215960.65	0.25559	0.24781	0.24251	0.24057	0.25735	0.28404	0.33541	0.34135	0.36506
4215940.65	0.24105	0.23683	0.22936	0.23274	0.24501	0.27206	0.31377	0.33902	0.35469
4215920.65	0.22763	0.22484	0.21990	0.22511	0.24072	0.25955	0.29454	0.32948	0.36219
4215900.65	0.21754	0.21375	0.21237	0.21839	0.23320	0.25237	0.27523	0.30216	0.34723
4215880.65	0.21011	0.20776	0.20740	0.21424	0.22519	0.24209	0.26292	0.27785	0.31104
4215860.65	0.20426	0.20247	0.20282	0.20913	0.22159	0.23513	0.25177	0.26690	0.28719
4215840.65	0.20048	0.19859	0.19771	0.20385	0.21546	0.22837	0.24166	0.25492	0.27395
4215820.65	0.19374	0.19396	0.19304	0.19917	0.20930	0.21905	0.23498	0.24393	0.26493
4215800.65	0.18715	0.18676	0.19057	0.19573	0.20545	0.21678	0.22610	0.23715	0.25404
4215780.65	0.17988	0.18276	0.18772	0.19356	0.20435	0.21042	0.22049	0.23334	0.24526
4215760.65	0.17989	0.18045	0.18556	0.19314	0.19816	0.20716	0.22095	0.22821	0.23966
4215740.65	0.17358	0.17779	0.18369	0.18913	0.19756	0.20849	0.21621	0.22746	0.23975
4215720.65	0.17164	0.17385	0.18050	0.18995	0.19689	0.20612	0.21880		

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0.23003      0.23938
  4215700.65 |       0.17299      0.17845      0.18504      0.19047      0.19590      0.20643      0.22052
0.23012      0.24659
  4215680.65 |       0.17635      0.18132      0.18622      0.19407      0.20234      0.21339      0.22069
0.22930      0.24456
  4215660.65 |       0.17612      0.18128      0.18872      0.19976      0.20588      0.21360      0.22593
0.23919      0.25129
  4215640.65 |       0.19093      0.18703      0.19083      0.19679      0.20600      0.21878      0.23324
0.24374      0.25339
  4215620.65 |       0.19874      0.20177      0.19752      0.20405      0.21260      0.22298      0.23287
0.24352      0.25910
  4215600.65 |       0.21021      0.21434      0.21752      0.21167      0.22048      0.22997      0.24219
0.25216      0.26630
  4215580.65 |       0.20504      0.21115      0.21775      0.22869      0.24261      0.25379      0.26817
0.26278      0.27311
  4215560.65 |       0.21178      0.21809      0.22546      0.23334      0.24534      0.25842      0.27145
0.28332      0.28563
  4215540.65 |       0.21537      0.22377      0.23123      0.23911      0.25178      0.26604      0.28099
0.29538      0.30841
  4215520.65 |       0.21502      0.22290      0.23078      0.23927      0.25165      0.26524      0.28013
0.29538      0.30758
  4215500.65 |       0.21408      0.22190      0.23112      0.24093      0.25312      0.26577      0.27997
0.29661      0.31350
  4215480.65 |       0.21576      0.22482      0.23375      0.24511      0.25749      0.27196      0.28855
0.30650      0.32679
  4215460.65 |       0.23334      0.24254      0.25267      0.26284      0.27529      0.29032      0.30433
0.32361      0.34426
  4215440.65 |       0.23905      0.24856      0.25966      0.26962      0.27862      0.29097      0.30434
0.32011      0.33937
  4215420.65 |       0.23935      0.24836      0.25697      0.27076      0.28219      0.29265      0.30467
0.31784      0.33668
  4215400.65 |       0.24141      0.24915      0.25615      0.26147      0.26809      0.27868      0.28929
0.29798      0.31763
  4215380.65 |       0.22360      0.23274      0.24143      0.25009      0.26137      0.27592      0.29185
0.30266      0.32022
  4215360.65 |       0.22333      0.23225      0.24420      0.25487      0.26389      0.27327      0.28788
0.30010      0.31408
  4215340.65 |       0.22624      0.23272      0.24198      0.25143      0.26070      0.26829      0.27747
0.29071      0.30608
  4215320.65 |       0.22345      0.23023      0.23565      0.24177      0.25544      0.26215      0.27501
0.29219      0.30568
  4215300.65 |       0.21481      0.22620      0.23196      0.23747      0.25273      0.26569      0.27563
0.29088      0.30954
  4215280.65 |       0.21309      0.21984      0.23259      0.24208      0.25077      0.26495      0.27917
0.29690      0.31220
  4215260.65 |       0.21434      0.22235      0.22946      0.24256      0.25398      0.26615      0.28157
0.28882      0.30416
  4215240.65 |       0.21236      0.22416      0.23271      0.24301      0.25622      0.26304      0.27656
0.28268      0.29886
  4215220.65 |       0.21499      0.22364      0.23414      0.24055      0.24972      0.25528      0.27014
0.28097      0.29490
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 223
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                INCLUDING SOURCE(S):     L0001030    , L0001031    , L0001032    , L0001033    ,
L0001034    ,
               L0001035    , L0001036    , L0001037    , L0001038    , L0001039    , L0001040    , L0001041    ,
L0001042    ,
               L0001043    , L0001044    , L0001045    , L0001046    , L0001047    , L0001048    , L0001049    ,
L0001050    ,
               L0001051    , L0001052    , L0001053    , L0001054    , L0001055    , L0001056    , L0001057    ,
. . .       ,
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215200.65	0.21409	0.22121	0.22941	0.23601	0.24373	0.25583	0.26528	0.27593	0.29350
4215180.65	0.21148	0.22031	0.22292	0.23425	0.24395	0.25123	0.26058	0.28013	0.29101
4215160.65	0.20641	0.21289	0.22391	0.23209	0.23546	0.24868	0.26201	0.27059	0.27522
4215140.65	0.20730	0.21458	0.21929	0.22741	0.24110	0.25082	0.25387	0.25993	0.26824
4215120.65	0.20627	0.20518	0.21827	0.23002	0.23997	0.24237	0.24782	0.25491	0.26337
4215100.65	0.20038	0.21011	0.21889	0.22724	0.23107	0.23557	0.24389	0.24865	0.24780
4215080.65	0.20112	0.21090	0.21631	0.22091	0.22603	0.23334	0.23616	0.23547	0.24468
4215060.65	0.20263	0.20658	0.21113	0.21752	0.22332	0.22484	0.22454	0.23148	0.23503
4215040.65	0.19701	0.20179	0.20971	0.21398	0.21491	0.21471	0.21992	0.22325	0.23048
4215020.65	0.19355	0.20237	0.20515	0.20572	0.20607	0.20963	0.21216	0.21887	0.22172

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	0.31951	0.28629	0.27213	0.26661	0.26578	0.26897	0.27684	0.28445	0.29740
4215980.65	0.31494	0.29414	0.28039	0.26844	0.26997	0.26868	0.27751	0.28565	0.29783
4215960.65	0.34406	0.32418	0.28890	0.28039	0.27053	0.27628	0.27608	0.28492	0.29589
4215940.65	0.36234	0.35098	0.31198	0.29286	0.28493	0.28127	0.28808	0.29334	0.30452
4215920.65	0.36237	0.35592	0.34105	0.31197	0.30055	0.29414	0.29782		

0.30265 0.30748
4215900.65 | 0.37837 0.37143 0.35284 0.33665 0.31873 0.31391 0.30746
0.31778 0.32102
4215880.65 | 0.35997 0.36907 0.37230 0.35410 0.35040 0.33053 0.32996
0.32414 0.33810
4215860.65 | 0.32393 0.36526 0.38255 0.37207 0.35947 0.35946 0.34753
0.34811 0.35186
4215840.65 | 0.29868 0.34265 0.38824 0.39498 0.37941 0.39407 0.37560
0.37083 0.36897
4215820.65 | 0.28358 0.31234 0.36472 0.41084 0.40766 0.42646 0.41263
0.39692 0.39903
4215800.65 | 0.27059 0.29666 0.33245 0.39436 0.39603 0.42253 0.44065
0.43182 0.42640
4215780.65 | 0.26337 0.28663 0.31889 0.35613 0.40131 0.41356 0.44265
0.46268 0.46178
4215760.65 | 0.26162 0.27815 0.30544 0.34234 0.38543 0.42170 0.48118
0.46718 0.49270
4215740.65 | 0.25083 0.27592 0.29765 0.32601 0.36337 0.41970 0.45313
0.50986 0.49750
4215720.65 | 0.25643 0.27085 0.29074 0.32311 0.34984 0.39608 0.46347
0.48801 0.54082
4215700.65 | 0.26098 0.27246 0.29439 0.31114 0.34546 0.38352 0.43050
0.49224 0.52942
4215680.65 | 0.25838 0.28253 0.30060 0.31655 0.34448 0.37158 0.41831
0.46862 0.53766
4215660.65 | 0.26059 0.27628 0.29870 0.32770 0.35211 0.37619 0.41013
0.45079 0.52454
4215640.65 | 0.26954 0.28825 0.30404 0.32017 0.35089 0.38648 0.42231
0.45849 0.50441
4215620.65 | 0.27669 0.29437 0.30959 0.33386 0.36258 0.38653 0.41713
0.46862 0.52278
4215600.65 | 0.27947 0.29746 0.31756 0.33794 0.36709 0.39740 0.43091
0.47605 0.51908
4215580.65 | 0.28810 0.30661 0.32438 0.34792 0.37241 0.40384 0.44013
0.48208 0.53479
4215560.65 | 0.30092 0.31785 0.33629 0.35714 0.38271 0.41198 0.45054
0.49256 0.54728
4215540.65 | 0.30497 0.32193 0.34397 0.37049 0.39959 0.43257 0.47249
0.51890 0.57367
4215520.65 | 0.32470 0.32405 0.34563 0.37128 0.40169 0.43641 0.47685
0.52502 0.58234
4215500.65 | 0.33153 0.33393 0.35237 0.37758 0.40666 0.44318 0.48749
0.53734 0.59662
4215480.65 | 0.34833 0.36785 0.37215 0.39782 0.43218 0.47470 0.52691
0.58214 0.65066
4215460.65 | 0.36801 0.38604 0.40677 0.40904 0.43197 0.46573 0.50935
0.55664 0.61688
4215440.65 | 0.35898 0.38251 0.40529 0.42817 0.43122 0.45071 0.48025
0.52475 0.56683
4215420.65 | 0.35176 0.37106 0.38135 0.40572 0.43472 0.43094 0.46617
0.51284 0.56355
4215400.65 | 0.34103 0.36411 0.38432 0.40428 0.42751 0.42969 0.47500
0.50380 0.55166
4215380.65 | 0.33763 0.35704 0.37419 0.39689 0.41970 0.44129 0.47804
0.54088 0.59993
4215360.65 | 0.32781 0.34671 0.36713 0.38934 0.41186 0.45495 0.50489
0.52588 0.56209
4215340.65 | 0.32520 0.34494 0.36280 0.39367 0.43373 0.45327 0.47099
0.50203 0.54291
4215320.65 | 0.32337 0.34758 0.38088 0.39801 0.41066 0.42557 0.45982
0.49129 0.52379
4215300.65 | 0.33491 0.35225 0.36143 0.37695 0.39474 0.42228 0.45123
0.47354 0.48937
4215280.65 | 0.32032 0.33657 0.35243 0.37228 0.39270 0.41621 0.43181
0.44732 0.46487
4215260.65 | 0.31514 0.32686 0.35111 0.36850 0.38743 0.39608 0.41356
0.42476 0.44589
4215240.65 | 0.31166 0.32500 0.34775 0.36256 0.36551 0.38360 0.39126
0.40993 0.43345

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001030   , L0001031   , L0001032   , L0001033   ,
L0001034   ,
                L0001035   , L0001036   , L0001037   , L0001038   , L0001039   , L0001040   , L0001041   ,
L0001042   ,
                L0001043   , L0001044   , L0001045   , L0001046   , L0001047   , L0001048   , L0001049   ,
L0001050   ,
                L0001051   , L0001052   , L0001053   , L0001054   , L0001055   , L0001056   , L0001057   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
 -
- - - - - - - -

  4215200.65 | 0.30932   0.31308   0.32090   0.33286   0.33425   0.35488   0.36843
0.37629   0.39382
  4215180.65 | 0.29261   0.30143   0.31377   0.31344   0.33247   0.34227   0.35124
0.36552   0.37970
  4215160.65 | 0.28451   0.29646   0.29516   0.31063   0.32062   0.32901   0.34161
0.35517   0.35761
  4215140.65 | 0.27993   0.27766   0.29166   0.30033   0.31127   0.31922   0.33302
0.33752   0.34383
  4215120.65 | 0.26163   0.27427   0.28190   0.29280   0.29766   0.31410   0.32125
0.32432   0.33146
  4215100.65 | 0.25867   0.26426   0.27441   0.27875   0.29486   0.30416   0.30141
0.30760   0.31780
  4215080.65 | 0.24827   0.25767   0.26237   0.27770   0.28739   0.28581   0.29103
0.29947   0.31682
  4215060.65 | 0.24330   0.24685   0.26306   0.27276   0.27363   0.27739   0.28116
0.28986   0.30518
  4215040.65 | 0.23382   0.24835   0.25715   0.26297   0.25898   0.26654   0.27125
0.28776   0.28677
  4215020.65 | 0.23589   0.24457   0.24861   0.24483   0.24997   0.25782   0.26563
0.27468   0.28174

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001030   , L0001031   , L0001032   , L0001033   ,
L0001034   ,
                L0001035   , L0001036   , L0001037   , L0001038   , L0001039   , L0001040   , L0001041   ,
L0001042   ,
                L0001043   , L0001044   , L0001045   , L0001046   , L0001047   , L0001048   , L0001049   ,
L0001050   ,
                L0001051   , L0001052   , L0001053   , L0001054   , L0001055   , L0001056   , L0001057   ,
. . .   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17
539245.17	539265.17						
4216000.65	0.31051	0.33599	0.38015	0.45390	0.60105	0.79997	0.85893
0.87811	0.82239						
4215980.65	0.30680	0.32238	0.35594	0.40218	0.49398	0.68150	0.78856
0.87596	0.82160						
4215960.65	0.30920	0.32066	0.34236	0.37555	0.43406	0.54165	0.78059
0.85124	0.89571						
4215940.65	0.31664	0.32640	0.33953	0.36367	0.40282	0.46969	0.60045
0.79610	0.87623						
4215920.65	0.32071	0.33656	0.34739	0.36245	0.38685	0.42886	0.50792
0.66812	0.75451						
4215900.65	0.33365	0.34679	0.36580	0.36857	0.39154	0.41591	0.45550
0.55567	0.75401						
4215880.65	0.33935	0.35878	0.37446	0.38309	0.40734	0.41827	0.45381
0.49106	0.60437						
4215860.65	0.35977	0.37134	0.39075	0.41142	0.42077	0.43836	0.46126
0.48335	0.53224						
4215840.65	0.38294	0.38486	0.41022	0.42899	0.43603	0.46653	0.47671
0.50240	0.52593						
4215820.65	0.39466	0.41683	0.42159	0.45059	0.47086	0.49239	0.50091
0.52985	0.54801						
4215800.65	0.42958	0.43669	0.45060	0.47920	0.50322	0.51826	0.54156
0.56776	0.58429						
4215780.65	0.46713	0.46673	0.48608	0.49201	0.52974	0.55389	0.59202
0.61054	0.63083						
4215760.65	0.50053	0.51223	0.51301	0.54568	0.56792	0.60899	0.63673
0.65509	0.68823						
4215740.65	0.53252	0.55025	0.57721	0.58082	0.60321	0.64325	0.67859
0.72901	0.75729						
4215720.65	0.53655	0.60098	0.61437	0.65821	0.66506	0.69503	0.76391
0.80821	0.84427						
4215700.65	0.58059	0.58862	0.66885	0.70585	0.73864	0.77096	0.81942
0.88736	0.93666						
4215680.65	0.58078	0.63408	0.68493	0.76106	0.82820	0.85350	0.90264
1.00805	1.08841						
4215660.65	0.58552	0.63745	0.71573	0.78035	0.88942	0.99586	1.01601
1.10555	1.25160						
4215640.65	0.58240	0.64810	0.72048	0.82359	0.91710	1.07249	1.21869
1.26863	1.44775						
4215620.65	0.57765	0.65845	0.73857	0.83083	0.97484	1.12032	1.34874
1.55133	1.66863						
4215600.65	0.59164	0.67742	0.76068	0.85718	0.97440	1.18592	1.43174
1.79869	1.96459						
4215580.65	0.59626	0.67983	0.78962	0.92195	1.03659	1.23138	1.54830
1.80275	2.31333						
4215560.65	0.61281	0.68957	0.78896	0.92184	1.11272	1.33250	1.55697
1.94505	2.54204						
4215540.65	0.63942	0.71914	0.81398	0.95576	1.14313	1.38735	1.64219
2.06614	2.77308						
4215520.65	0.65274	0.73996	0.85350	0.99639	1.18982	1.46242	1.83356
2.30633	3.13525						
4215500.65	0.66638	0.75486	0.86427	1.01726	1.23215	1.54180	1.95882
2.47247	3.32788						
4215480.65	0.71700	0.79627	0.89540	1.02276	1.19640	1.40793	1.71616
2.23256	2.89204						
4215460.65	0.67649	0.73831	0.81760	0.92614	1.08326	1.33356	1.63511
1.94972	2.38126						
4215440.65	0.62904	0.70342	0.79472	0.92593	1.08890	1.24677	1.41601
1.67603	1.94429						

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215420.65	0.62294	0.69165	0.80566	0.90867	0.99001	1.11046	1.27322	1.40413	1.66362
4215400.65	0.63382	0.69995	0.76928	0.81320	0.90778	1.02222	1.09853	1.23648	1.47006
4215380.65	0.63193	0.64443	0.69175	0.76136	0.84287	0.89242	0.99371	1.14262	1.34229
4215360.65	0.60283	0.64654	0.65281	0.71386	0.74858	0.82505	0.91614	1.03981	1.19646
4215340.65	0.58486	0.61288	0.62099	0.64380	0.70396	0.75079	0.84287	0.96107	1.05389
4215320.65	0.54317	0.57202	0.60664	0.61200	0.64579	0.72180	0.79302	0.90155	0.92674
4215300.65	0.51337	0.54506	0.57405	0.60147	0.61925	0.66038	0.73553	0.81164	0.83223
4215280.65	0.49085	0.52382	0.53674	0.56565	0.59173	0.63582	0.71507	0.73969	0.74564
4215260.65	0.47388	0.48352	0.51552	0.54255	0.57734	0.59199	0.66352	0.67191	0.68841
4215240.65	0.43884	0.46781	0.48386	0.51302	0.53958	0.58712	0.61387	0.62267	0.63980
4215220.65	0.42491	0.43838	0.46316	0.49962	0.52307	0.55674	0.56504	0.57198	0.59238
4215200.65	0.41005	0.41941	0.44022	0.46163	0.51216	0.52565	0.52244	0.52483	0.54723
4215180.65	0.38805	0.40213	0.43456	0.45275	0.50267	0.50453	0.49514	0.49064	0.52110
4215160.65	0.36724	0.38871	0.40184	0.44339	0.47850	0.47236	0.46632	0.46895	0.49087
4215140.65	0.35599	0.38399	0.39653	0.43442	0.45102	0.45780	0.45388	0.45106	0.46200
4215120.65	0.34895	0.35272	0.39102	0.41970	0.42121	0.43360	0.42605	0.42625	0.44114
4215100.65	0.34164	0.34835	0.38270	0.40657	0.39920	0.41100	0.40248	0.40837	0.43342
4215080.65	0.31577	0.35073	0.37161	0.38113	0.39016	0.39002	0.38607	0.39686	0.41148
4215060.65	0.31224	0.34102	0.36248	0.35778	0.37329	0.36727	0.36865	0.38165	0.39590
4215040.65	0.31646	0.33178	0.35041	0.34389	0.35584	0.35103	0.35089	0.36771	0.37918

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL   ***
                                INCLUDING SOURCE(S):   L0001030   , L0001031   , L0001032   , L0001033   ,
L0001034   ,
                L0001035   , L0001036   , L0001037   , L0001038   , L0001039   , L0001040   , L0001041   ,
L0001042   ,
                L0001043   , L0001044   , L0001045   , L0001046   , L0001047   , L0001048   , L0001049   ,
L0001050   ,
                L0001051   , L0001052   , L0001053   , L0001054   , L0001055   , L0001056   , L0001057   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539285.17   539305.17   539325.17   539345.17   539365.17   539385.17   539405.17
539425.17   539445.17
 -
- - - - - - - -

  4216000.65 | 0.82811   0.70218   0.62742   0.58188   0.54454   0.52111   0.49889
0.46751   0.45793
  4215980.65 | 0.99649   0.79168   0.68792   0.62879   0.58411   0.55277   0.52456
0.49414   0.48444
  4215960.65 | 0.99161   0.94199   0.76780   0.68551   0.63037   0.58974   0.55112
0.52509   0.51952
  4215940.65 | 0.87725   0.91684   0.88066   0.75701   0.68448   0.63471   0.58312
0.56138   0.54888
  4215920.65 | 0.90432   0.83523   0.89397   0.85357   0.74952   0.68793   0.62375
0.59791   0.58289
  4215900.65 | 0.79991   0.74875   0.80615   0.99167   0.83164   0.74774   0.67785
0.64841   0.62360
  4215880.65 | 0.77592   0.81892   0.91388   0.78375   0.94390   0.82270   0.73708
0.70437   0.66750
  4215860.65 | 0.67185   0.86412   0.85983   0.90100   0.98909   0.91785   0.80742
0.76081   0.72046
  4215840.65 | 0.58995   0.75938   0.94281   0.85455   0.87626   1.05381   0.90761
0.83534   0.77083
  4215820.65 | 0.57579   0.65518   0.82428   1.00636   0.84059   0.91997   1.03607
0.91876   0.82892
  4215800.65 | 0.61039   0.65916   0.73599   0.79287   0.89936   0.85185   0.94402
1.02964   0.89764
  4215780.65 | 0.66421   0.70411   0.73349   0.84567   0.83661   0.90244   0.83526
1.16976   0.97928
  4215760.65 | 0.72299   0.76311   0.79022   0.82750   0.88005   0.90114   0.92248
1.07512   1.09212
  4215740.65 | 0.79272   0.83159   0.86541   0.90188   0.92287   0.98017   0.94054
0.90787   1.00442
  4215720.65 | 0.88240   0.93406   0.96327   0.99814   0.98472   1.05119   0.98677
0.96690   0.90132
  4215700.65 | 0.99711   1.06761   1.09139   1.12263   1.10162   1.13649   1.06150
1.01591   0.99175
  4215680.65 | 1.13671   1.21895   1.26227   1.27721   1.26435   1.26189   1.15933
1.07408   1.02734
  4215660.65 | 1.33588   1.42464   1.49856   1.49374   1.47089   1.39973   1.29947
1.18676   1.09229
  4215640.65 | 1.58387   1.73427   1.84292   1.81099   1.75587   1.55875   1.44621
1.30680   1.19035

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  4215620.65 |       1.97915      2.02365      2.11619      2.11960      2.10899      1.86029      1.61905
1.44726      1.27394
  4215600.65 |       2.15921      2.46237      2.69658      2.70811      2.54583      2.15713      1.86328
1.56397      1.33259
  4215580.65 |       2.65312      3.25790      3.69989      3.77048      3.22575      2.63895      2.09131
1.70257      1.46016
  4215560.65 |       3.62108      4.67353      5.56274      5.34002      4.15597      3.02776      2.34681
1.76376      1.49416
  4215540.65 |       4.04186      6.92469      8.92003      7.28426      5.04693      3.35295      2.36692
1.81094      1.46408
  4215520.65 |       4.71945      8.30560      7.88769      8.76143      5.51221      3.45980      2.39592
1.84097      1.44423
  4215500.65 |       4.92402      7.37216      9.33625      9.10104      5.40955      3.24306      2.22010
1.71700      1.52779
  4215480.65 |       3.80790      4.95490      6.47328      6.57249      4.34660      2.72982      2.06858
1.69255      1.28529
  4215460.65 |       2.95941      3.93976      4.22195      4.20790      3.66601      2.66367      1.86025
1.56388      1.43208
  4215440.65 |       2.42660      2.98909      3.28030      3.34336      3.30676      2.50733      1.91597
1.49557      1.22303
  4215420.65 |       2.06367      2.34063      2.47970      2.48633      2.59827      2.25180      1.71386
1.37679      1.11622
  4215400.65 |       1.73484      1.83101      1.97509      1.99408      2.10595      1.96524      1.61117
1.29904      1.06092
  4215380.65 |       1.44523      1.52438      1.64313      1.65244      1.71057      1.70468      1.52030
1.23281      1.00813
  4215360.65 |       1.24606      1.31198      1.40018      1.40709      1.42174      1.47628      1.36614
1.17692      0.99698
  4215340.65 |       1.10403      1.15218      1.21648      1.21557      1.21816      1.28105      1.25403
1.13816      0.95461
  4215320.65 |       0.96218      1.02142      1.07264      1.07496      1.05939      1.10127      1.13237
1.03465      0.93133
  4215300.65 |       0.86332      0.91559      0.95803      0.97078      0.94316      0.98907      1.00355
0.98448      0.90624
  4215280.65 |       0.79364      0.82983      0.86379      0.87164      0.83762      0.88015      0.89899
0.90505      0.83548
  4215260.65 |       0.72011      0.75734      0.78488      0.78959      0.76950      0.79692      0.80764
0.83911      0.80503
  4215240.65 |       0.66239      0.69280      0.71974      0.72684      0.71722      0.72467      0.73855
0.75065      0.75610
  4215220.65 |       0.61214      0.63741      0.66405      0.67023      0.66206      0.65981      0.68581
0.68768      0.70781
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 229
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

    *** THE   8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP:
ALL      ***
                                  INCLUDING SOURCE(S):     L0001030    , L0001031    , L0001032    , L0001033    ,
L0001034    ,
               L0001035    , L0001036    , L0001037    , L0001038    , L0001039    , L0001040    , L0001041    ,
L0001042    ,
               L0001043    , L0001044    , L0001045    , L0001046    , L0001047    , L0001048    , L0001049    ,
L0001050    ,
               L0001051    , L0001052    , L0001053    , L0001054    , L0001055    , L0001056    , L0001057    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539285.17    539305.17    539325.17    539345.17    539365.17    539385.17    539405.17
539425.17    539445.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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  4215820.65 |       0.73949      0.69472      0.64125      0.59927      0.56382      0.52564      0.50625
0.47698      0.46507
  4215800.65 |       0.79428      0.73625      0.68976      0.62858      0.58839      0.56101      0.52488
0.51012      0.47540
  4215780.65 |       0.87586      0.79494      0.71980      0.66601      0.63199      0.58541      0.56399
0.52224      0.47736
  4215760.65 |       0.95274      0.85181      0.77394      0.71784      0.66360      0.63029      0.57935
0.52743      0.49968
  4215740.65 |       1.06906      0.92243      0.83453      0.76685      0.71523      0.64980      0.58860
0.55158      0.51721
  4215720.65 |       1.18423      1.01113      0.90637      0.82941      0.74119      0.66418      0.61475
0.57348      0.53769
  4215700.65 |       0.87041      1.14027      0.99488      0.86961      0.76693      0.69895      0.64657
0.59410      0.57028
  4215680.65 |       0.99522      1.27180      1.07519      0.91644      0.81413      0.73703      0.68171
0.63554      0.59551
  4215660.65 |       1.03658      1.04032      1.16761      0.99113      0.86329      0.79367      0.72856
0.66764      0.61268
  4215640.65 |       1.09210      0.94770      0.96663      1.09362      0.95099      0.84342      0.75583
0.68716      0.61106
  4215620.65 |       1.06039      1.08788      0.92842      0.92994      1.01627      0.88690      0.78150
0.70470      0.61855
  4215600.65 |       1.22003      1.06617      1.10191      0.87276      1.13094      0.96939      0.82265
0.69811      0.61777
  4215580.65 |       1.21194      1.09541      1.03582      0.87464      0.99230      0.99665      0.82126
0.69486      0.59440
  4215560.65 |       1.24596      1.11976      0.99283      1.04749      0.88692      0.97502      0.78448
0.66844      0.57594
  4215540.65 |       1.20234      1.05478      1.05572      1.19022      0.99729      0.89157      0.72671
0.62247      0.55035
  4215520.65 |       1.21143      1.11827      1.14199      1.25656      1.05216      0.85272      0.69055
0.59178      0.52790
  4215500.65 |       1.21575      1.18115      1.16654      1.03980      0.95110      0.80817      0.67939
0.58124      0.51321
  4215480.65 |       1.18969      1.14055      0.98313      0.88174      0.83348      0.75665      0.65732
0.57002      0.49573
  4215460.65 |       1.18671      0.99365      0.84900      0.77381      0.73024      0.67930      0.60956
0.54438      0.47136
  4215440.65 |       1.01692      0.88034      0.79981      0.70253      0.65757      0.61347      0.57061
0.50971      0.46192
  4215420.65 |       0.95211      0.81566      0.70478      0.63791      0.62079      0.57929      0.53907
0.49843      0.45191
  4215400.65 |       0.88709      0.76958      0.67515      0.61098      0.56078      0.54305      0.51938
0.49015      0.44326
  4215380.65 |       0.86059      0.73303      0.64767      0.59084      0.53443      0.51295      0.50024
0.46231      0.43085
  4215360.65 |       0.82762      0.72398      0.62976      0.55618      0.51845      0.48623      0.46531
0.44678      0.41950
  4215340.65 |       0.81789      0.70333      0.62373      0.54979      0.49453      0.45962      0.44190
0.42731      0.40490
  4215320.65 |       0.79813      0.69428      0.60582      0.54537      0.48663      0.44594      0.42244
0.40532      0.38359
  4215300.65 |       0.77786      0.68752      0.60096      0.53388      0.48552      0.44121      0.40894
0.39687      0.38204
  4215280.65 |       0.76432      0.67376      0.60494      0.53203      0.47818      0.44153      0.40944
0.38722      0.37169
  4215260.65 |       0.74902      0.66724      0.58940      0.54055      0.47941      0.43669      0.40622
0.38379      0.36303
  4215240.65 |       0.70193      0.65224      0.58299      0.52858      0.48496      0.43875      0.40310
0.37784      0.36027
  4215220.65 |       0.68174      0.63447      0.58254      0.52190      0.48177      0.44221      0.40803
0.37643      0.35549
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 1HR                                          ***
  15:55:02

  PAGE 231
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
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Y-COORD (METERS)	X-COORD (METERS) 539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	0.65201	0.60771	0.57402	0.52252	0.47370	0.44138	0.40969	0.38085	0.35340
4215180.65	0.61576	0.59385	0.54736	0.51407	0.47072	0.43440	0.40797	0.38087	0.35755
4215160.65	0.58064	0.57392	0.53750	0.50949	0.47353	0.43012	0.40102	0.37943	0.35613
4215140.65	0.53508	0.54578	0.52782	0.48811	0.46717	0.43429	0.39689	0.37394	0.35393
4215120.65	0.49716	0.51865	0.51239	0.48320	0.45606	0.42799	0.39771	0.36980	0.35017
4215100.65	0.46750	0.48596	0.49149	0.47587	0.44222	0.42645	0.39916	0.36626	0.34657
4215080.65	0.44846	0.45165	0.46901	0.46368	0.43907	0.41516	0.39313	0.37003	0.33959
4215060.65	0.42215	0.42663	0.44481	0.44738	0.43243	0.40543	0.38916	0.36712	0.34459
4215040.65	0.40118	0.40729	0.41842	0.42986	0.42427	0.40351	0.38054	0.36550	0.34516
4215020.65	0.38489	0.39082	0.39197	0.40897	0.41103	0.39815	0.37579	0.36009	0.34209

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	0.32482	0.31115	0.30293	0.29018	0.28448
4215980.65	0.33196	0.32205	0.30959	0.29971	0.29142
4215960.65	0.34379	0.33022	0.31695	0.31010	0.29365
4215940.65	0.35170	0.33724	0.33004	0.31289	0.31020
4215920.65	0.35960	0.35259	0.33528	0.32907	0.31580
4215900.65	0.37954	0.36154	0.34984	0.33830	0.32242
4215880.65	0.39203	0.37429	0.36357	0.34527	0.31894
4215860.65	0.40285	0.39286	0.37095	0.34252	0.33250
4215840.65	0.42646	0.40095	0.37003	0.35588	0.33995
4215820.65	0.43566	0.40095	0.38268	0.36411	0.34531
4215800.65	0.43625	0.41588	0.39312	0.37242	0.35499
4215780.65	0.45504	0.42529	0.40408	0.38389	0.36932
4215760.65	0.46543	0.43806	0.41774	0.39882	0.37566
4215740.65	0.48519	0.45505	0.43562	0.41098	0.39195
4215720.65	0.50541	0.47674	0.45219	0.42838	0.40139
4215700.65	0.53121	0.50081	0.46669	0.42497	0.39058
4215680.65	0.55375	0.50615	0.45870	0.41702	0.38805
4215660.65	0.55611	0.50083	0.45802	0.41752	0.38467
4215640.65	0.55604	0.49872	0.45449	0.41007	0.37746
4215620.65	0.55110	0.48821	0.43991	0.39734	0.36633
4215600.65	0.53562	0.48085	0.42078	0.38189	0.35242
4215580.65	0.51429	0.46841	0.41914	0.38418	0.35331
4215560.65	0.51275	0.46092	0.40647	0.36997	0.34164
4215540.65	0.48874	0.44041	0.40328	0.37195	0.34258
4215520.65	0.47744	0.43475	0.39461	0.36041	0.33232
4215500.65	0.45783	0.41661	0.38061	0.35120	0.32577
4215480.65	0.43352	0.39501	0.36436	0.33780	0.31426
4215460.65	0.42949	0.38076	0.34998	0.32325	0.30332
4215440.65	0.41372	0.37822	0.34699	0.31677	0.29256
4215420.65	0.41261	0.36442	0.33724	0.31345	0.29033
4215400.65	0.40843	0.37540	0.33396	0.30905	0.28397
4215380.65	0.39332	0.36095	0.33885	0.30834	0.28527
4215360.65	0.38114	0.35776	0.33535	0.30584	0.28533
4215340.65	0.38091	0.35452	0.32760	0.31116	0.28418
4215320.65	0.37034	0.34363	0.31924	0.30337	0.28693
4215300.65	0.35796	0.33995	0.31892	0.29743	0.28198
4215280.65	0.35001	0.33308	0.31193	0.29420	0.27829
4215260.65	0.34916	0.33037	0.31057	0.29091	0.27392
4215240.65	0.34151	0.32599	0.31340	0.29283	0.27387
4215220.65	0.33880	0.32402	0.31043	0.29596	0.27482

4215200.65 |	0.33669	0.32258	0.30566	0.29321	0.27827
4215180.65 |	0.33652	0.32149	0.30735	0.29218	0.27800
4215160.65 |	0.33850	0.32321	0.30724	0.29282	0.27698
4215140.65 |	0.33333	0.32086	0.30703	0.29408	0.27835
4215120.65 |	0.33357	0.31513	0.30466	0.29492	0.27932
4215100.65 |	0.33140	0.31550	0.29817	0.29068	0.28019
4215080.65 |	0.32570	0.31492	0.29665	0.28370	0.27798
4215060.65 |	0.32147	0.30677	0.29938	0.28369	0.27142
4215040.65 |	0.32094	0.30554	0.29103	0.28464	0.27001
4215020.65 |	0.32274	0.30156	0.29115	0.27743	0.26970

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	2.78207	539351.84	4215428.70	2.86430
539361.84	4215428.70	2.86199	539371.84	4215428.70	2.76619
539381.84	4215428.70	2.45901	539341.84	4215438.70	3.20484
539351.84	4215438.70	3.34407	539361.84	4215438.70	3.23493
539371.84	4215438.70	3.07231	539381.84	4215438.70	2.61833
539341.84	4215448.70	3.77912	539351.84	4215448.70	3.69393
539361.84	4215448.70	3.50046	539371.84	4215448.70	3.29008
539381.84	4215448.70	2.76228	539341.84	4215458.70	4.07205
539351.84	4215458.70	4.23157	539361.84	4215458.70	3.95769
539371.84	4215458.70	3.05193	539381.84	4215458.70	2.58433
539341.84	4215468.70	4.99260	539351.84	4215468.70	4.86839
539361.84	4215468.70	4.22614	539371.84	4215468.70	3.34526
539381.84	4215468.70	2.78706	539113.88	4215517.52	0.68908
539096.52	4215515.99	0.62482	539108.26	4215501.18	0.67926
539096.01	4215500.67	0.63269	539108.26	4215486.38	0.73042
539094.47	4215485.36	0.67296	539135.32	4215461.36	0.78013
539150.13	4215439.91	0.82233	539114.39	4215452.68	0.67580

539123.07	4215439.40	0.69498	539159.32	4215421.02	0.87647
539145.02	4215416.43	0.80384	539134.30	4215410.81	0.75044
539131.75	4215425.11	0.72046	539206.80	4215383.75	0.91316
539215.99	4215372.52	0.90962	539188.93	4215382.22	0.86198
539176.17	4215379.67	0.80032	539165.44	4215376.09	0.74459
539248.79	4215356.71	1.03673	539243.45	4215348.45	0.97572
539265.58	4215345.25	1.08148	539260.78	4215338.05	1.02125
539256.25	4215351.38	1.09160	539272.77	4215331.92	0.99975
539264.78	4215324.99	0.95844	539280.77	4215321.79	0.97212
539279.97	4215307.14	0.89523	539287.97	4215313.80	0.93258
539297.83	4215304.74	0.91446	539289.56	4215296.21	0.85794
539311.15	4215287.68	0.86161	539303.69	4215281.28	0.82655
539303.69	4215296.21	0.89376	539314.25	4215271.79	0.79950
539329.09	4215260.48	0.77639	539339.69	4215237.16	0.71367
539357.36	4215232.92	0.68975	539394.11	4215199.70	0.62051
539044.99	4215579.21	0.44014	539034.39	4215591.93	0.41648
539054.88	4215556.59	0.47424	539058.42	4215538.92	0.50360
539054.88	4215520.55	0.49921	539082.44	4215477.44	0.63218
539073.96	4215466.13	0.58296	539098.70	4215440.69	0.60814
539109.30	4215426.56	0.63786	539117.07	4215415.96	0.65623
539125.55	4215401.11	0.70220	539158.77	4215367.19	0.70053
539150.29	4215357.30	0.65984	539184.21	4215339.63	0.69845
539222.37	4215324.79	0.78938	539243.58	4215317.72	0.88383

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001030 , L0001031 , L0001032 , L0001033 , L0001034 ,
L0001035 , L0001036 , L0001037 , L0001038 , L0001039 , L0001040 , L0001041 , L0001042 ,
L0001043 , L0001044 , L0001045 , L0001046 , L0001047 , L0001048 , L0001049 , L0001050 ,
L0001051 , L0001052 , L0001053 , L0001054 , L0001055 , L0001056 , L0001057 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.59899	539364.42	4215191.93	0.58922
539344.64	4215200.41	0.61898	539409.65	4215113.48	0.47114
539355.94	4215136.80	0.50388	539262.66	4215288.75	0.78123
539282.44	4215261.19	0.72131	539299.41	4215235.04	0.66908
539168.92	4215647.77	0.81149	538947.70	4216163.58	0.41317
539351.30	4215796.06	0.79718	539367.62	4215566.76	3.74250
539278.26	4215504.64	4.49659	539297.51	4215494.11	5.71019
539323.66	4215486.12	7.15746	539342.55	4215482.85	6.96585
539367.23	4215481.23	4.20184	539397.77	4215487.94	2.40310
539352.73	4215556.41	5.20110	539337.83	4215546.05	7.53306
539322.94	4215535.70	10.02065	539308.05	4215525.35	8.79667
539293.15	4215514.99	6.60685	539287.89	4215499.38	5.02296
539310.58	4215490.12	6.41649	539354.89	4215482.04	5.60579
539382.50	4215484.59	2.96885	539391.74	4215503.70	2.84165
539385.71	4215519.47	3.38187	539379.68	4215535.23	3.85073
539373.65	4215551.00	3.94388			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	11.12548 AT	(539322.94, 4215535.70, 9.80, 567.00, 1.50)	DC	
	2ND HIGHEST VALUE IS	10.38560 AT	(539345.17, 4215500.65, 9.70, 567.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	10.28978 AT	(539308.05, 4215525.35, 10.00, 567.00, 1.50)	DC	
	4TH HIGHEST VALUE IS	10.04340 AT	(539325.17, 4215540.65, 9.70, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	9.66442 AT	(539325.17, 4215500.65, 9.90, 567.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	9.65176 AT	(539345.17, 4215520.65, 9.60, 567.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	9.54460 AT	(539305.17, 4215520.65, 10.00, 567.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	8.61921 AT	(539305.17, 4215500.65, 10.00, 567.00, 1.50)	GC	UCART1

*** THE SUMMARY OF MAXIMUM   8TH-HIGHEST MAX DAILY 1-HR RESULTS AVERAGED OVER   5 YEARS ***

** CONC OF NO2   IN MICROGRAMS/M**3   **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	10.02065 AT (539322.94, 4215535.70, 9.80, 567.00, 1.50)	DC	
	2ND HIGHEST VALUE IS	9.33625 AT (539325.17, 4215500.65, 9.90, 567.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	9.10104 AT (539345.17, 4215500.65, 9.70, 567.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	8.92003 AT (539325.17, 4215540.65, 9.70, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	8.79667 AT (539308.05, 4215525.35, 10.00, 567.00, 1.50)	DC	
	6TH HIGHEST VALUE IS	8.76143 AT (539345.17, 4215520.65, 9.60, 567.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	8.30560 AT (539305.17, 4215520.65, 10.00, 567.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	7.88769 AT (539325.17, 4215520.65, 9.90, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	7.53306 AT (539337.83, 4215546.05, 9.49, 567.00, 1.50)	DC	
	10TH HIGHEST VALUE IS	7.37216 AT (539305.17, 4215500.65, 10.00, 567.00, 1.50)	GC	UCART1

*** Message Summary : AERMOD Model Execution ***

 --------- Summary of Total Messages --------

A Total of   0 Fatal Error Message(s)
A Total of   2 Warning Message(s)
A Total of   22066 Informational Message(s)

A Total of   43848 Hours Were Processed

A Total of   12563 Calm Hours Identified

```
A Total of         9503 Missing Hours Identified ( 21.67 Percent)

CAUTION!:  Number of Missing Hours Exceeds 10 Percent of Total!
           Data May Not Be Acceptable for Regulatory Applications.
           See Section 5.3.2 of "Meteorological Monitoring Guidance
           for Regulatory Modeling Applications" (EPA-454/R-99-005).

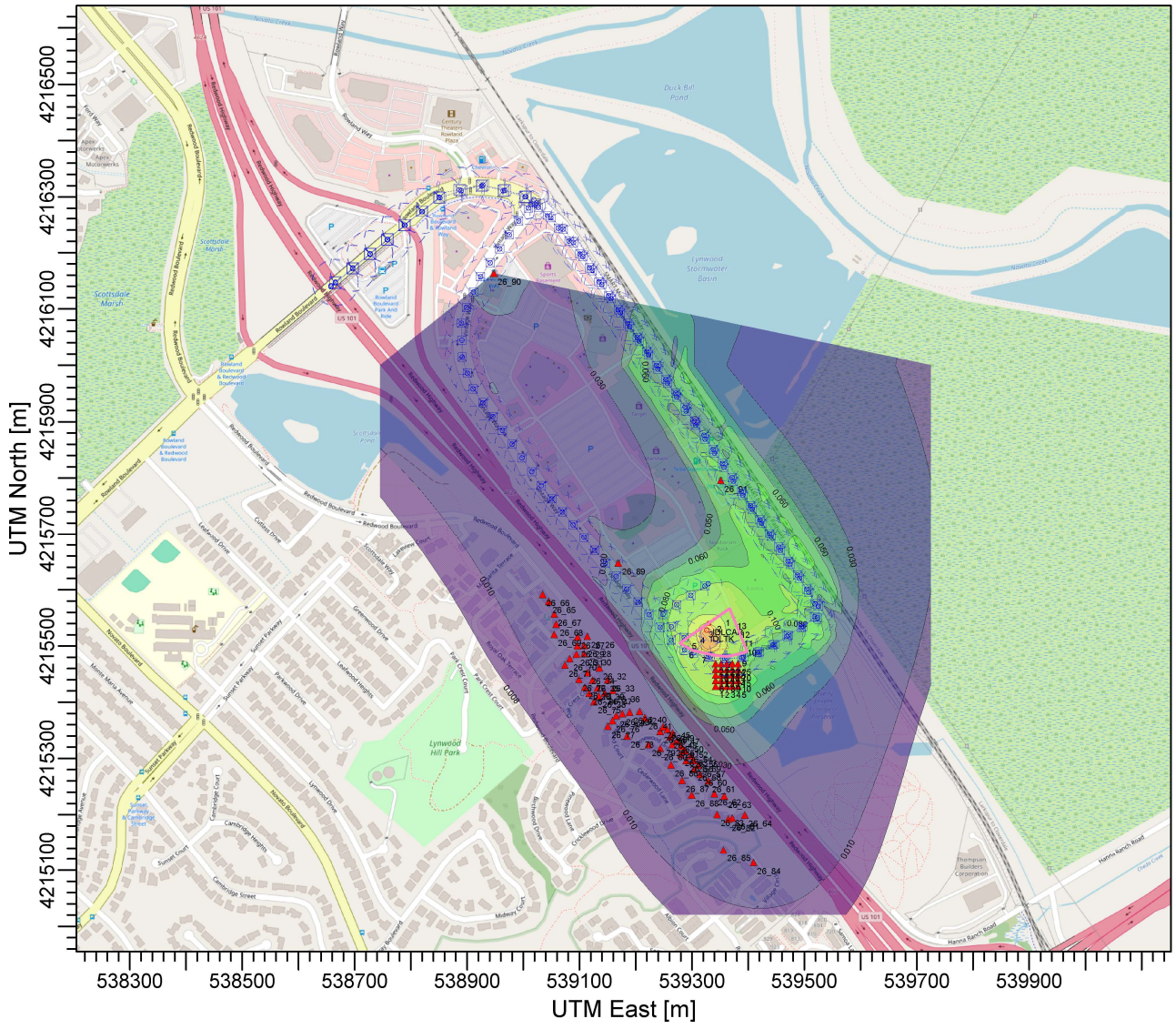

   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W187    2192       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W481   43849         MAIN: Data Remaining After End of Year. Number of Hours=           24

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
```

PROJECT TITLE:

Novato Costco
Operational NO2 Annual



PLOT FILE OF ANNUAL VALUES AVERAGED ACROSS 5 YEARS FOR SOURCE GROUP: ALL ug/m^3

Max: 0.802 [ug/m^3] at (539325.17, 4215520.65)

0.008 0.010 0.030 0.050 0.060 0.080 0.100 0.300 0.500 0.600 0.800 0.802

COMMENTS:	SOURCES: **8**	COMPANY NAME:	
	RECEPTORS: **2611**	MODELER:	
	OUTPUT TYPE: **Concentration**	SCALE: 1:12,237 0 0.4 km	
	MAX: **0.802 ug/m^3**	DATE: **7/25/2025**	PROJECT NO.:

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/15/2025
** FILE: C:\LAKES\PROJECT FILES\NOVATO OPS NO2_ANN_JULY 2025\NOVATO OPS NO2_ANN_JULY 2025.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -
   TITLETWO NOVATO OPERATIONAL NO2 ANNUAL
   MODELOPT DFAULT CONC ARM2
   AVERTIME ANNUAL
   URBANOPT 260206 2021_MARIN_COUNTY_POPULATION
   POLLUTID NO2
   FLAGPOLE 1.50
   RUNORNOT RUN
** NO2 CONVERSION OPTIONS
   ARMRATIO 0.500 0.900
   ERRORFIL "NOVATO OPS NO2_ANN_JULY 2025.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR1
** DESCRSRC CAR TRAFFIC 1  100%  ALL CAR TRAFFIC
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.001421705
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 4
** 538657.948, 4216139.463, 9.85, 1.30, 18.60
** 538860.695, 4216308.698, 6.29, 1.30, 18.60
** 538931.070, 4216320.427, 4.65, 1.30, 18.60
** 539009.823, 4216298.644, 5.58, 1.30, 18.60
** ----------------------------------------------------------------------
   LOCATION L0001168     VOLUME   538665.625 4216145.871 9.72
   LOCATION L0001169     VOLUME   538696.333 4216171.503 9.18
   LOCATION L0001170     VOLUME   538727.041 4216197.135 8.64
   LOCATION L0001171     VOLUME   538757.749 4216222.768 8.10
   LOCATION L0001172     VOLUME   538788.457 4216248.400 7.56
   LOCATION L0001173     VOLUME   538819.165 4216274.032 7.02
   LOCATION L0001174     VOLUME   538849.873 4216299.665 6.48
   LOCATION L0001175     VOLUME   538886.246 4216312.956 5.69
   LOCATION L0001176     VOLUME   538925.702 4216319.532 4.78
   LOCATION L0001177     VOLUME   538964.377 4216311.214 5.04
   LOCATION L0001178     VOLUME   539002.930 4216300.551 5.50
** END OF LINE VOLUME SOURCE ID = CAR1
** ----------------------------------------------------------------------
```

```
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR2
** DESCRSRC CAR ROWLAND BLVD ONSITE - 100% NEW AND DIVERT 50% PASSBY
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.002152069
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 10
** 539018.623, 4216295.211, 5.33, 1.30, 13.95
** 539100.616, 4216197.358, 5.64, 1.30, 13.95
** 539296.795, 4215912.753, 6.95, 1.30, 13.95
** 539509.151, 4215593.218, 8.34, 1.30, 13.95
** 539527.582, 4215559.706, 8.31, 1.30, 13.95
** 539500.491, 4215537.478, 8.50, 1.30, 13.95
** 539447.880, 4215503.603, 9.60, 1.30, 13.95
** 539395.527, 4215479.689, 9.89, 1.30, 13.95
** 539351.935, 4215477.134, 10.17, 1.30, 13.95
** 539301.210, 4215485.453, 10.32, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001179     VOLUME   539023.440 4216289.462 5.35
   LOCATION L0001180     VOLUME   539042.708 4216266.467 5.42
   LOCATION L0001181     VOLUME   539061.976 4216243.473 5.49
   LOCATION L0001182     VOLUME   539081.243 4216220.478 5.57
   LOCATION L0001183     VOLUME   539100.511 4216197.483 5.64
   LOCATION L0001184     VOLUME   539117.550 4216172.791 5.75
   LOCATION L0001185     VOLUME   539134.576 4216148.091 5.87
   LOCATION L0001186     VOLUME   539151.602 4216123.390 5.98
   LOCATION L0001187     VOLUME   539168.628 4216098.689 6.09
   LOCATION L0001188     VOLUME   539185.655 4216073.989 6.21
   LOCATION L0001189     VOLUME   539202.681 4216049.288 6.32
   LOCATION L0001190     VOLUME   539219.707 4216024.588 6.44
   LOCATION L0001191     VOLUME   539236.733 4215999.887 6.55
   LOCATION L0001192     VOLUME   539253.760 4215975.186 6.66
   LOCATION L0001193     VOLUME   539270.786 4215950.486 6.78
   LOCATION L0001194     VOLUME   539287.812 4215925.785 6.89
   LOCATION L0001195     VOLUME   539304.640 4215900.950 7.00
   LOCATION L0001196     VOLUME   539321.244 4215875.964 7.11
   LOCATION L0001197     VOLUME   539337.849 4215850.978 7.22
   LOCATION L0001198     VOLUME   539354.454 4215825.992 7.33
   LOCATION L0001199     VOLUME   539371.059 4215801.007 7.44
   LOCATION L0001200     VOLUME   539387.664 4215776.021 7.54
   LOCATION L0001201     VOLUME   539404.269 4215751.035 7.65
   LOCATION L0001202     VOLUME   539420.874 4215726.049 7.76
   LOCATION L0001203     VOLUME   539437.479 4215701.063 7.87
   LOCATION L0001204     VOLUME   539454.084 4215676.078 7.98
   LOCATION L0001205     VOLUME   539470.689 4215651.092 8.09
   LOCATION L0001206     VOLUME   539487.294 4215626.106 8.20
   LOCATION L0001207     VOLUME   539503.899 4215601.120 8.31
   LOCATION L0001208     VOLUME   539519.036 4215575.245 8.32
   LOCATION L0001209     VOLUME   539518.099 4215551.926 8.38
   LOCATION L0001210     VOLUME   539494.418 4215533.568 8.63
   LOCATION L0001211     VOLUME   539469.194 4215517.327 9.15
   LOCATION L0001212     VOLUME   539443.650 4215501.671 9.62
   LOCATION L0001213     VOLUME   539416.362 4215489.206 9.77
   LOCATION L0001214     VOLUME   539388.445 4215479.274 9.94
   LOCATION L0001215     VOLUME   539358.496 4215477.519 10.13
   LOCATION L0001216     VOLUME   539328.816 4215480.926 10.24
** END OF LINE VOLUME SOURCE ID = CAR2
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR3
** DESCRSRC VINTAGE WAY  50% PASSBY
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0004025392
** VERTICAL DIMENSION = 2.60
```

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** SZINIT = 1.21
** NODES = 9
** 539013.174, 4216286.915, 5.37, 1.30, 13.95
** 538923.337, 4216156.160, 6.97, 1.30, 13.95
** 538889.930, 4216083.582, 7.96, 1.30, 13.95
** 538891.460, 4216012.407, 8.87, 1.30, 13.95
** 538909.287, 4215960.174, 8.79, 1.30, 13.95
** 539039.984, 4215775.858, 10.19, 1.30, 13.95
** 539180.734, 4215604.947, 9.99, 1.30, 13.95
** 539271.216, 4215501.060, 10.89, 1.30, 13.95
** 539293.150, 4215489.589, 10.38, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001217     VOLUME   539008.927 4216280.733 5.45
   LOCATION L0001218     VOLUME   538991.939 4216256.007 5.75
   LOCATION L0001219     VOLUME   538974.950 4216231.281 6.05
   LOCATION L0001220     VOLUME   538957.961 4216206.555 6.35
   LOCATION L0001221     VOLUME   538940.973 4216181.828 6.66
   LOCATION L0001222     VOLUME   538923.984 4216157.102 6.96
   LOCATION L0001223     VOLUME   538911.271 4216129.947 7.33
   LOCATION L0001224     VOLUME   538898.727 4216102.695 7.70
   LOCATION L0001225     VOLUME   538890.122 4216074.625 8.07
   LOCATION L0001226     VOLUME   538890.767 4216044.632 8.46
   LOCATION L0001227     VOLUME   538891.412 4216014.638 8.84
   LOCATION L0001228     VOLUME   538900.429 4215986.127 8.83
   LOCATION L0001229     VOLUME   538910.778 4215958.072 8.81
   LOCATION L0001230     VOLUME   538928.130 4215933.600 8.99
   LOCATION L0001231     VOLUME   538945.483 4215909.128 9.18
   LOCATION L0001232     VOLUME   538962.836 4215884.656 9.36
   LOCATION L0001233     VOLUME   538980.189 4215860.184 9.55
   LOCATION L0001234     VOLUME   538997.542 4215835.712 9.74
   LOCATION L0001235     VOLUME   539014.895 4215811.240 9.92
   LOCATION L0001236     VOLUME   539032.248 4215786.768 10.11
   LOCATION L0001237     VOLUME   539050.553 4215763.024 10.17
   LOCATION L0001238     VOLUME   539069.624 4215739.867 10.15
   LOCATION L0001239     VOLUME   539088.695 4215716.709 10.12
   LOCATION L0001240     VOLUME   539107.766 4215693.551 10.09
   LOCATION L0001241     VOLUME   539126.838 4215670.393 10.07
   LOCATION L0001242     VOLUME   539145.909 4215647.235 10.04
   LOCATION L0001243     VOLUME   539164.980 4215624.077 10.01
   LOCATION L0001244     VOLUME   539184.161 4215601.012 10.02
   LOCATION L0001245     VOLUME   539203.865 4215578.390 10.22
   LOCATION L0001246     VOLUME   539223.568 4215555.767 10.42
   LOCATION L0001247     VOLUME   539243.272 4215533.145 10.61
   LOCATION L0001248     VOLUME   539262.975 4215510.522 10.81
   LOCATION L0001249     VOLUME   539286.681 4215492.973 10.53
** END OF LINE VOLUME SOURCE ID = CAR3
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK1
** DESCRSRC ROWLAND BLVD FROM FREEWAY
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0001148071
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 5
** 538657.948, 4216141.138, 8.89, 3.40, 18.60
** 538850.641, 4216298.644, 6.34, 3.40, 18.60
** 538924.368, 4216322.103, 4.67, 3.40, 18.60
** 539001.445, 4216303.671, 5.69, 3.40, 18.60
** 539021.552, 4216281.888, 5.26, 3.40, 18.60
** ----------------------------------------------------------------------
   LOCATION L0001250     VOLUME   538665.690 4216147.467 8.79
   LOCATION L0001251     VOLUME   538696.661 4216172.782 8.38
   LOCATION L0001252     VOLUME   538727.631 4216198.097 7.97
   LOCATION L0001253     VOLUME   538758.601 4216223.411 7.56
   LOCATION L0001254     VOLUME   538789.572 4216248.726 7.15
   LOCATION L0001255     VOLUME   538820.542 4216274.041 6.74
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   LOCATION L0001256     VOLUME   538851.713 4216298.985 6.32
   LOCATION L0001257     VOLUME   538889.830 4216311.113 5.45
   LOCATION L0001258     VOLUME   538928.021 4216321.229 4.72
   LOCATION L0001259     VOLUME   538966.924 4216311.926 5.23
   LOCATION L0001260     VOLUME   539004.501 4216300.360 5.62
** END OF LINE VOLUME SOURCE ID = TK1
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK2
** DESCRSRC ROWLAND ONSITE
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0003052376
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 10
** 539021.248, 4216287.114, 5.28, 3.40, 13.95
** 539076.057, 4216237.085, 5.21, 3.40, 13.95
** 539125.011, 4216165.074, 5.34, 3.40, 13.95
** 539225.253, 4216014.310, 6.21, 3.40, 13.95
** 539534.285, 4215556.355, 8.25, 3.40, 13.95
** 539487.368, 4215529.546, 8.50, 3.40, 13.95
** 539433.749, 4215494.358, 9.68, 3.40, 13.95
** 539387.246, 4215478.558, 9.91, 3.40, 13.95
** 539340.642, 4215478.235, 10.18, 3.40, 13.95
** 539294.027, 4215490.117, 10.38, 3.40, 13.95
** ----------------------------------------------------------------
   LOCATION L0001261     VOLUME   539026.787 4216282.058 5.27
   LOCATION L0001262     VOLUME   539048.944 4216261.833 5.24
   LOCATION L0001263     VOLUME   539071.102 4216241.608 5.22
   LOCATION L0001264     VOLUME   539089.151 4216217.823 5.24
   LOCATION L0001265     VOLUME   539106.017 4216193.013 5.29
   LOCATION L0001266     VOLUME   539122.884 4216168.204 5.33
   LOCATION L0001267     VOLUME   539139.526 4216143.243 5.47
   LOCATION L0001268     VOLUME   539156.136 4216118.261 5.61
   LOCATION L0001269     VOLUME   539172.747 4216093.279 5.75
   LOCATION L0001270     VOLUME   539189.357 4216068.298 5.90
   LOCATION L0001271     VOLUME   539205.967 4216043.316 6.04
   LOCATION L0001272     VOLUME   539222.578 4216018.334 6.19
   LOCATION L0001273     VOLUME   539239.331 4215993.448 6.30
   LOCATION L0001274     VOLUME   539256.112 4215968.580 6.41
   LOCATION L0001275     VOLUME   539272.893 4215943.712 6.52
   LOCATION L0001276     VOLUME   539289.674 4215918.845 6.64
   LOCATION L0001277     VOLUME   539306.455 4215893.977 6.75
   LOCATION L0001278     VOLUME   539323.236 4215869.109 6.86
   LOCATION L0001279     VOLUME   539340.017 4215844.242 6.97
   LOCATION L0001280     VOLUME   539356.798 4215819.374 7.08
   LOCATION L0001281     VOLUME   539373.578 4215794.506 7.19
   LOCATION L0001282     VOLUME   539390.359 4215769.639 7.30
   LOCATION L0001283     VOLUME   539407.140 4215744.771 7.41
   LOCATION L0001284     VOLUME   539423.921 4215719.903 7.52
   LOCATION L0001285     VOLUME   539440.702 4215695.035 7.63
   LOCATION L0001286     VOLUME   539457.483 4215670.168 7.74
   LOCATION L0001287     VOLUME   539474.264 4215645.300 7.85
   LOCATION L0001288     VOLUME   539491.045 4215620.432 7.96
   LOCATION L0001289     VOLUME   539507.826 4215595.565 8.08
   LOCATION L0001290     VOLUME   539524.607 4215570.697 8.19
   LOCATION L0001291     VOLUME   539523.260 4215550.055 8.31
   LOCATION L0001292     VOLUME   539497.212 4215535.171 8.45
   LOCATION L0001293     VOLUME   539471.766 4215519.307 8.84
   LOCATION L0001294     VOLUME   539446.684 4215502.847 9.40
   LOCATION L0001295     VOLUME   539419.993 4215489.684 9.75
   LOCATION L0001296     VOLUME   539391.588 4215480.033 9.89
   LOCATION L0001297     VOLUME   539361.833 4215478.381 10.06
   LOCATION L0001298     VOLUME   539332.106 4215480.410 10.22
   LOCATION L0001299     VOLUME   539303.036 4215487.820 10.34
** END OF LINE VOLUME SOURCE ID = TK2
   LOCATION IDLTK        AREAPOLY   539326.205  4215528.256        9.840
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** DESCRSRC TRUCK IDLE
   LOCATION IDLCAR       AREAPOLY   539329.837  4215540.243        9.660
** DESCRSRC CAR IDLE
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR4
** DESCRSRC WAREHOUSE + GAS
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 0.0001814728
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 5
** 539329.111, 4215610.714, 8.97, 1.30, 13.95
** 539250.648, 4215558.769, 10.16, 1.30, 13.95
** 539245.563, 4215553.683, 10.14, 1.30, 13.95
** 539269.901, 4215526.803, 10.10, 1.30, 13.95
** 539290.243, 4215512.273, 9.95, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0001300     VOLUME   539322.857 4215606.574 9.06
   LOCATION L0001301     VOLUME   539297.844 4215590.014 9.44
   LOCATION L0001302     VOLUME   539272.830 4215573.454 9.82
   LOCATION L0001303     VOLUME   539248.247 4215556.368 10.15
   LOCATION L0001304     VOLUME   539263.149 4215534.260 10.11
   LOCATION L0001305     VOLUME   539286.126 4215515.213 9.98
** END OF LINE VOLUME SOURCE ID = CAR4
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = CAR1
   SRCPARAM L0001168     0.0001292459      1.30     18.60      1.21
   SRCPARAM L0001169     0.0001292459      1.30     18.60      1.21
   SRCPARAM L0001170     0.0001292459      1.30     18.60      1.21
   SRCPARAM L0001171     0.0001292459      1.30     18.60      1.21
   SRCPARAM L0001172     0.0001292459      1.30     18.60      1.21
   SRCPARAM L0001173     0.0001292459      1.30     18.60      1.21
   SRCPARAM L0001174     0.0001292459      1.30     18.60      1.21
   SRCPARAM L0001175     0.0001292459      1.30     18.60      1.21
   SRCPARAM L0001176     0.0001292459      1.30     18.60      1.21
   SRCPARAM L0001177     0.0001292459      1.30     18.60      1.21
   SRCPARAM L0001178     0.0001292459      1.30     18.60      1.21
** ----------------------------------------------------------------------
** LINE VOLUME SOURCE ID = CAR2
   SRCPARAM L0001179     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001180     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001181     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001182     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001183     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001184     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001185     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001186     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001187     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001188     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001189     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001190     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001191     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001192     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001193     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001194     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001195     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001196     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001197     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001198     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001199     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001200     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001201     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001202     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001203     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001204     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001205     0.0000566334      1.30     13.95      1.21
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   SRCPARAM L0001206     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001207     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001208     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001209     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001210     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001211     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001212     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001213     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001214     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001215     0.0000566334      1.30     13.95      1.21
   SRCPARAM L0001216     0.0000566334      1.30     13.95      1.21
** ----------------------------------------------------------------------
** LINE VOLUME SOURCE ID = CAR3
   SRCPARAM L0001217     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001218     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001219     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001220     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001221     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001222     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001223     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001224     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001225     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001226     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001227     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001228     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001229     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001230     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001231     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001232     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001233     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001234     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001235     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001236     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001237     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001238     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001239     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001240     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001241     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001242     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001243     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001244     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001245     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001246     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001247     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001248     0.0000121982      1.30     13.95      1.21
   SRCPARAM L0001249     0.0000121982      1.30     13.95      1.21
** ----------------------------------------------------------------------
** LINE VOLUME SOURCE ID = TK1
   SRCPARAM L0001250     0.000010437       3.40     18.60      3.16
   SRCPARAM L0001251     0.000010437       3.40     18.60      3.16
   SRCPARAM L0001252     0.000010437       3.40     18.60      3.16
   SRCPARAM L0001253     0.000010437       3.40     18.60      3.16
   SRCPARAM L0001254     0.000010437       3.40     18.60      3.16
   SRCPARAM L0001255     0.000010437       3.40     18.60      3.16
   SRCPARAM L0001256     0.000010437       3.40     18.60      3.16
   SRCPARAM L0001257     0.000010437       3.40     18.60      3.16
   SRCPARAM L0001258     0.000010437       3.40     18.60      3.16
   SRCPARAM L0001259     0.000010437       3.40     18.60      3.16
   SRCPARAM L0001260     0.000010437       3.40     18.60      3.16
** ----------------------------------------------------------------------
** LINE VOLUME SOURCE ID = TK2
   SRCPARAM L0001261     0.000007827       3.40     13.95      3.16
   SRCPARAM L0001262     0.000007827       3.40     13.95      3.16
   SRCPARAM L0001263     0.000007827       3.40     13.95      3.16
   SRCPARAM L0001264     0.000007827       3.40     13.95      3.16
   SRCPARAM L0001265     0.000007827       3.40     13.95      3.16
   SRCPARAM L0001266     0.000007827       3.40     13.95      3.16
   SRCPARAM L0001267     0.000007827       3.40     13.95      3.16
   SRCPARAM L0001268     0.000007827       3.40     13.95      3.16
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   SRCPARAM L0001269     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001270     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001271     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001272     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001273     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001274     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001275     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001276     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001277     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001278     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001279     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001280     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001281     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001282     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001283     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001284     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001285     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001286     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001287     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001288     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001289     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001290     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001291     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001292     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001293     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001294     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001295     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001296     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001297     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001298     0.000007827      3.40     13.95      3.16
   SRCPARAM L0001299     0.000007827      3.40     13.95      3.16
** ------------------------------------------------------------------
   SRCPARAM IDLTK        4.603E-06     4.000         4     0.930
   AREAVERT IDLTK        539326.205 4215528.256 539340.735 4215510.820
   AREAVERT IDLTK        539330.927 4215506.461 539317.850 4215523.533
   SRCPARAM IDLCAR       1.1785E-07     1.530         5     0.360
   AREAVERT IDLCAR       539329.837 4215540.243 539366.162 4215496.653
   AREAVERT IDLCAR       539338.555 4215490.841 539311.547 4215495.909
   AREAVERT IDLCAR       539283.341 4215509.367
** LINE VOLUME SOURCE ID = CAR4
   SRCPARAM L0001300     0.0000302455      1.30     13.95      1.21
   SRCPARAM L0001301     0.0000302455      1.30     13.95      1.21
   SRCPARAM L0001302     0.0000302455      1.30     13.95      1.21
   SRCPARAM L0001303     0.0000302455      1.30     13.95      1.21
   SRCPARAM L0001304     0.0000302455      1.30     13.95      1.21
   SRCPARAM L0001305     0.0000302455      1.30     13.95      1.21
** ------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "OPERATIONS"
** WEEKDAYS:
   EMISFACT L0001168     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001168     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001168     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001168     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001169     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001169     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001169     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001169     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001170     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001170     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001170     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001170     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001171     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001171     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001171     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001171     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001172     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001172     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001172     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001172     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001173     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001173     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001173     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001173     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001174     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001174     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001174     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001174     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001175     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001175     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001175     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001175     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001176     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001176     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001176     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001176     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001177     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001177     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001177     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001177     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001178     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001178     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001178     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001178     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001168     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001168     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001168     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001168     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001169     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001169     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001169     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001169     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001170     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001170     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001170     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001170     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001171     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001171     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001171     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001171     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001172     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001172     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001172     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001172     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001173     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001173     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001173     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001173     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001174     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001174     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001174     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001174     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001175     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001175     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001175     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001175     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001176     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001176     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001176     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001176     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001177     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001177     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001177     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001177     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001178     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001178     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001178     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001178     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001168     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001168     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001168     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001168     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001169     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001169     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001169     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001169     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001170     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001170     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001170     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001170     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001171     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001171     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001171     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001171     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001172     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001172     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001172     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001172     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001173     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001173     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001173     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001173     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001174     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001174     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001174     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001174     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001175     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001175     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001175     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001175     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001176     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001176     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001176     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001176     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001177     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001177     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001177     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001177     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001178     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001178     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001178     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001178     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001179     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001179     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001179     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001179     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001180     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001181     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001181     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001181     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001181     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001182     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001182     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001182     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001182     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001183     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001183     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001183     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001183     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001184     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001184     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001184     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001184     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001185     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001185     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001185     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001186     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001186     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001187     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001192     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001192     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001193     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001196     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001198     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001198     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001200     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001200     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001200     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001215     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001215     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001215     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001215     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001216     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001216     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001216     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001179     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001179     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001179     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001179     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001180     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001180     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001180     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001180     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001181     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001181     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001181     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001181     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001182     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001182     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001182     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001182     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001183     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001183     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001183     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001183     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001184     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001184     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001184     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001184     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001185     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001185     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001185     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001186     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001186     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001186     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001186     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001187     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001187     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001188     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001188     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001190     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001192     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001192     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001193     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001195     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001195     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001196     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001196     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001196     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001196     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001197     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001197     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001198     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001199     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001199     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001199     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001201     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001201     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001203     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001205     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001208     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001208     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001209     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001209     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001211     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001212     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001212     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001213     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001213     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001213     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001214     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001214     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001214     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001216     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
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   EMISFACT L0001179     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001179     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001179     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001180     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001180     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001180     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001180     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001181     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001181     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001182     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001182     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001183     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001183     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001183     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001184     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001184     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001193     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001201     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001203     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001203     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001204     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001204     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001204     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001204     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001205     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001205     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001205     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001205     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001206     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001206     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001206     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001206     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001207     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001207     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001207     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001207     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001208     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001208     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001208     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001208     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001209     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001209     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001209     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001209     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001210     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001210     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001210     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001210     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001212     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001212     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001213     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001213     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001213     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001214     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001214     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001214     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001215     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001215     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001215     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001216     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001216     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001216     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001228     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001228     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001228     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001229     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001229     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001229     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001229     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001230     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001230     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001230     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001231     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001233     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001233     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001233     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001233     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001234     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001234     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001234     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001235     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001235     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001236     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001237     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001237     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001242     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001242     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001242     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001242     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001243     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001243     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001243     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001243     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001244     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001244     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001244     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001244     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001245     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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    EMISFACT L0001246     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001248     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0001248     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001249     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001249     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001249     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** SATURDAY:
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    EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001220     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0001223     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001223     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001223     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0001224     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001224     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001225     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001225     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001225     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0001229     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001230     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001230     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001231     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001234     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001234     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001234     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001235     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001235     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001235     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001235     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001236     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001236     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001236     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001236     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001237     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001237     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001237     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001237     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001238     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001238     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001238     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001238     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001239     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001239     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001239     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001239     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001240     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001240     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001240     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001240     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001241     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001241     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001241     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001241     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001242     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001242     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001242     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001242     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001243     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001243     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001243     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001243     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001244     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001244     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001244     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001244     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001245     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001245     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001245     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001245     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001246     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001246     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001246     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001246     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001247     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001247     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001247     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001247     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001248     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001248     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001248     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001248     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001249     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001249     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001249     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001249     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001217     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001217     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001218     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001218     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001219     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001219     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001220     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001220     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001220     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001220     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001221     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001221     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001221     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001221     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001222     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001222     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001222     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001222     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001223     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001223     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001223     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001223     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001224     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001224     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001224     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001224     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001225     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001225     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001225     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001225     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001226     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001226     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001226     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001226     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001227     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001227     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001227     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001227     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001228     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001228     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001228     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001228     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001229     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001229     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001229     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001229     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001230     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001230     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001230     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001230     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001231     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001231     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001231     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001231     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001232     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001232     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001232     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001232     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001233     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001233     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001233     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001233     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001234     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001234     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001234     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001234     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001235     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001235     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001235     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001235     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001236     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001236     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001236     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001236     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001237     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001237     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001237     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001237     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001238     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001238     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001238     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001238     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001239     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001239     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001239     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001239     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001240     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001240     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001240     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001240     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001241     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001241     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001241     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001241     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001242     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001242     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001242     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001242     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001243     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001243     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001243     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001243     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001244     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001244     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001244     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001244     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001245     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001245     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001245     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001245     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001246     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001246     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001246     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001246     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001247     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001247     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001247     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001247     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001248     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001248     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001248     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001248     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001249     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001249     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001249     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001249     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001250     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001250     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001250     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001250     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001251     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001251     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001252     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001252     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001253     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001253     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001253     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001253     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001254     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001254     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001254     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001254     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001255     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001256     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001256     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001257     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001257     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001258     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001258     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001259     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001259     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001260     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001260     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001250     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001250     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001250     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001250     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001251     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001251     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001252     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001252     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001253     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001253     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0001253     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001253     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001254     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001254     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001254     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001254     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001255     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001256     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001256     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001257     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001257     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001258     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001258     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001259     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001259     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001260     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001260     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
    EMISFACT L0001250     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001250     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001250     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001250     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001251     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001251     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001252     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001252     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001253     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001253     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001253     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001253     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001254     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001254     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001254     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001254     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001255     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001255     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001256     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001256     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001256     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001257     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001257     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001257     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001258     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001258     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0001258     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0001259     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0001259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001259     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001259     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001260     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001260     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001260     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001261     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001261     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001262     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001262     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001262     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001262     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001263     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001263     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001263     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001263     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001264     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001264     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001264     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001264     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001265     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001265     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001265     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001265     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001266     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001266     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001266     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001266     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001267     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001267     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001267     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001267     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001268     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001268     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001268     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001268     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001269     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001269     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001269     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001269     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001270     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001270     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001270     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001271     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001276     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001276     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001277     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001277     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001277     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0001278     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001278     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001278     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001279     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001279     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001279     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001279     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001280     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001280     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001281     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001281     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001282     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001282     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001282     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001282     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001283     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001283     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001283     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001283     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001284     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001284     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001284     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001284     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001285     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001285     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001285     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001285     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001286     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001286     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001286     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001286     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001287     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001287     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001287     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001287     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001288     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001288     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001288     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001288     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001289     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001289     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001289     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001289     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001290     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001290     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001290     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001290     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001291     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001291     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001291     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001291     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001292     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001292     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001292     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001292     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0001293     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0001293     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0001293     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001293     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001294     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001294     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001294     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001295     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001295     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001295     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001296     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001296     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001296     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001296     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001297     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001297     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001297     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001297     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0001298     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001298     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001299     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001299     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001299     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001299     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001261     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001261     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001261     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001262     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001262     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001262     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001262     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001263     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001263     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001263     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001263     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001264     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001264     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001264     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001264     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001265     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001265     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001265     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001265     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001266     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001266     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001267     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001267     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001267     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001268     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0001271     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001273     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0001273     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0001274     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** SUNDAY:
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   EMISFACT L0001293     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001293     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001293     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001293     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001294     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001294     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001294     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001294     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001295     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001295     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001295     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001295     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001296     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001296     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001296     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001296     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001297     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001297     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001297     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001297     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001298     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001298     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001298     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001298     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001299     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001299     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001299     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001299     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT IDLTK        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
```

```
   EMISFACT IDLTK        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT IDLTK        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT IDLCAR       HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT IDLCAR       HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT IDLCAR       HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0001300     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001300     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001300     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001300     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0001300     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001300     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001300     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001300     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT L0001300     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001300     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001300     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001300     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001301     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001301     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001302     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001302     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001303     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001303     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001304     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001304     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0001305     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0001305     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED "NOVATO OPS NO2_ANN_JULY 2025.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE "..\NOVATO OPS NO2_1HR_JULY 2025\NOVATO OPS NO2_1HR_JULY 2025.SFC"
   PROFFILE "..\NOVATO OPS NO2_1HR_JULY 2025\NOVATO OPS NO2_1HR_JULY 2025.PFL"
   SURFDATA 72040 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 1.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
** AUTO-GENERATED PLOTFILES
   PLOTFILE   ANNUAL ALL "NOVATO OPS NO2_ANN_JULY 2025.AD\AN00GALL.PLT" 31
   SUMMFILE "NOVATO OPS NO2_ANN_JULY 2025.SUM"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***
```

```
 --------- Summary of Total Messages --------

A Total of            0 Fatal Error Message(s)
A Total of            1 Warning Message(s)
A Total of            0 Informational Message(s)


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W187    2192       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
         with a Minimum NO2/NOx Ratio of  0.500
         and a Maximum NO2/NOx Ratio of  0.900
      * Model Uses URBAN Dispersion Algorithm for the SBL for   140 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    260206.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: NO2

 **NOTE: Special processing requirements applicable for the 1-hour NO2 NAAQS have been disabled!!!
         User has specified non-standard averaging periods:
         High ranked 1-hour values are NOT averaged across the number of years modeled, and
         complete years of data are NOT required.

 **Model Calculates ANNUAL Averages Only

 **This Run Includes:    140 Source(s);       1 Source Group(s); and    2611 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    138 VOLUME source(s)
                 and:      2 AREA type source(s)
                 and:      0 LINE source(s)
```

```
                and:      0 RLINE/RLINEXT source(s)
                and:      0 OPENPIT source(s)
                and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
         Model Outputs Tables of ANNUAL Averages by Receptor
         Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
         Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =
    0.0
                  Emission Units = GRAMS/SEC                             ;  Emission Rate Unit Factor =
0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   NOVATO OPS NO2_ANN_JULY 2025.ERR

 **File for Summary of Results:   NOVATO OPS NO2_ANN_JULY 2025.SUM

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
    07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                              *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0001168         0   0.12925E-03  538665.6 4216145.9     9.7     1.30    18.60     1.21     YES   HRDOW
NO
 L0001169         0   0.12925E-03  538696.3 4216171.5     9.2     1.30    18.60     1.21     YES   HRDOW
NO
 L0001170         0   0.12925E-03  538727.0 4216197.1     8.6     1.30    18.60     1.21     YES   HRDOW
NO
 L0001171         0   0.12925E-03  538757.7 4216222.8     8.1     1.30    18.60     1.21     YES   HRDOW
NO
 L0001172         0   0.12925E-03  538788.5 4216248.4     7.6     1.30    18.60     1.21     YES   HRDOW
NO
 L0001173         0   0.12925E-03  538819.2 4216274.0     7.0     1.30    18.60     1.21     YES   HRDOW
NO
 L0001174         0   0.12925E-03  538849.9 4216299.7     6.5     1.30    18.60     1.21     YES   HRDOW
NO
 L0001175         0   0.12925E-03  538886.2 4216313.0     5.7     1.30    18.60     1.21     YES   HRDOW
```

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NO
 L0001176         0   0.12925E-03  538925.7 4216319.5     4.8     1.30    18.60     1.21     YES   HRDOW
NO
 L0001177         0   0.12925E-03  538964.4 4216311.2     5.0     1.30    18.60     1.21     YES   HRDOW
NO
 L0001178         0   0.12925E-03  539002.9 4216300.6     5.5     1.30    18.60     1.21     YES   HRDOW
NO
 L0001179         0   0.56633E-04  539023.4 4216289.5     5.3     1.30    13.95     1.21     YES   HRDOW
NO
 L0001180         0   0.56633E-04  539042.7 4216266.5     5.4     1.30    13.95     1.21     YES   HRDOW
NO
 L0001181         0   0.56633E-04  539062.0 4216243.5     5.5     1.30    13.95     1.21     YES   HRDOW
NO
 L0001182         0   0.56633E-04  539081.2 4216220.5     5.6     1.30    13.95     1.21     YES   HRDOW
NO
 L0001183         0   0.56633E-04  539100.5 4216197.5     5.6     1.30    13.95     1.21     YES   HRDOW
NO
 L0001184         0   0.56633E-04  539117.6 4216172.8     5.8     1.30    13.95     1.21     YES   HRDOW
NO
 L0001185         0   0.56633E-04  539134.6 4216148.1     5.9     1.30    13.95     1.21     YES   HRDOW
NO
 L0001186         0   0.56633E-04  539151.6 4216123.4     6.0     1.30    13.95     1.21     YES   HRDOW
NO
 L0001187         0   0.56633E-04  539168.6 4216098.7     6.1     1.30    13.95     1.21     YES   HRDOW
NO
 L0001188         0   0.56633E-04  539185.7 4216074.0     6.2     1.30    13.95     1.21     YES   HRDOW
NO
 L0001189         0   0.56633E-04  539202.7 4216049.3     6.3     1.30    13.95     1.21     YES   HRDOW
NO
 L0001190         0   0.56633E-04  539219.7 4216024.6     6.4     1.30    13.95     1.21     YES   HRDOW
NO
 L0001191         0   0.56633E-04  539236.7 4215999.9     6.5     1.30    13.95     1.21     YES   HRDOW
NO
 L0001192         0   0.56633E-04  539253.8 4215975.2     6.7     1.30    13.95     1.21     YES   HRDOW
NO
 L0001193         0   0.56633E-04  539270.8 4215950.5     6.8     1.30    13.95     1.21     YES   HRDOW
NO
 L0001194         0   0.56633E-04  539287.8 4215925.8     6.9     1.30    13.95     1.21     YES   HRDOW
NO
 L0001195         0   0.56633E-04  539304.6 4215901.0     7.0     1.30    13.95     1.21     YES   HRDOW
NO
 L0001196         0   0.56633E-04  539321.2 4215876.0     7.1     1.30    13.95     1.21     YES   HRDOW
NO
 L0001197         0   0.56633E-04  539337.8 4215851.0     7.2     1.30    13.95     1.21     YES   HRDOW
NO
 L0001198         0   0.56633E-04  539354.5 4215826.0     7.3     1.30    13.95     1.21     YES   HRDOW
NO
 L0001199         0   0.56633E-04  539371.1 4215801.0     7.4     1.30    13.95     1.21     YES   HRDOW
NO
 L0001200         0   0.56633E-04  539387.7 4215776.0     7.5     1.30    13.95     1.21     YES   HRDOW
NO
 L0001201         0   0.56633E-04  539404.3 4215751.0     7.6     1.30    13.95     1.21     YES   HRDOW
NO
 L0001202         0   0.56633E-04  539420.9 4215726.0     7.8     1.30    13.95     1.21     YES   HRDOW
NO
 L0001203         0   0.56633E-04  539437.5 4215701.1     7.9     1.30    13.95     1.21     YES   HRDOW
NO
 L0001204         0   0.56633E-04  539454.1 4215676.1     8.0     1.30    13.95     1.21     YES   HRDOW
NO
 L0001205         0   0.56633E-04  539470.7 4215651.1     8.1     1.30    13.95     1.21     YES   HRDOW
NO
 L0001206         0   0.56633E-04  539487.3 4215626.1     8.2     1.30    13.95     1.21     YES   HRDOW
NO
 L0001207         0   0.56633E-04  539503.9 4215601.1     8.3     1.30    13.95     1.21     YES   HRDOW
NO
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001208	0	0.56633E-04	539519.0	4215575.2	8.3	1.30	13.95	1.21	YES	HRDOW
NO										
L0001209	0	0.56633E-04	539518.1	4215551.9	8.4	1.30	13.95	1.21	YES	HRDOW
NO										
L0001210	0	0.56633E-04	539494.4	4215533.6	8.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001211	0	0.56633E-04	539469.2	4215517.3	9.2	1.30	13.95	1.21	YES	HRDOW
NO										
L0001212	0	0.56633E-04	539443.7	4215501.7	9.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001213	0	0.56633E-04	539416.4	4215489.2	9.8	1.30	13.95	1.21	YES	HRDOW
NO										
L0001214	0	0.56633E-04	539388.4	4215479.3	9.9	1.30	13.95	1.21	YES	HRDOW
NO										
L0001215	0	0.56633E-04	539358.5	4215477.5	10.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0001216	0	0.56633E-04	539328.8	4215480.9	10.2	1.30	13.95	1.21	YES	HRDOW
NO										
L0001217	0	0.12198E-04	539008.9	4216280.7	5.5	1.30	13.95	1.21	YES	HRDOW
NO										
L0001218	0	0.12198E-04	538991.9	4216256.0	5.8	1.30	13.95	1.21	YES	HRDOW
NO										
L0001219	0	0.12198E-04	538975.0	4216231.3	6.0	1.30	13.95	1.21	YES	HRDOW
NO										
L0001220	0	0.12198E-04	538958.0	4216206.6	6.3	1.30	13.95	1.21	YES	HRDOW
NO										
L0001221	0	0.12198E-04	538941.0	4216181.8	6.7	1.30	13.95	1.21	YES	HRDOW
NO										
L0001222	0	0.12198E-04	538924.0	4216157.1	7.0	1.30	13.95	1.21	YES	HRDOW
NO										
L0001223	0	0.12198E-04	538911.3	4216129.9	7.3	1.30	13.95	1.21	YES	HRDOW
NO										
L0001224	0	0.12198E-04	538898.7	4216102.7	7.7	1.30	13.95	1.21	YES	HRDOW
NO										
L0001225	0	0.12198E-04	538890.1	4216074.6	8.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0001226	0	0.12198E-04	538890.8	4216044.6	8.5	1.30	13.95	1.21	YES	HRDOW
NO										
L0001227	0	0.12198E-04	538891.4	4216014.6	8.8	1.30	13.95	1.21	YES	HRDOW
NO										
L0001228	0	0.12198E-04	538900.4	4215986.1	8.8	1.30	13.95	1.21	YES	HRDOW
NO										
L0001229	0	0.12198E-04	538910.8	4215958.1	8.8	1.30	13.95	1.21	YES	HRDOW
NO										
L0001230	0	0.12198E-04	538928.1	4215933.6	9.0	1.30	13.95	1.21	YES	HRDOW
NO										
L0001231	0	0.12198E-04	538945.5	4215909.1	9.2	1.30	13.95	1.21	YES	HRDOW
NO										
L0001232	0	0.12198E-04	538962.8	4215884.7	9.4	1.30	13.95	1.21	YES	HRDOW
NO										
L0001233	0	0.12198E-04	538980.2	4215860.2	9.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0001234	0	0.12198E-04	538997.5	4215835.7	9.7	1.30	13.95	1.21	YES	HRDOW
NO										
L0001235	0	0.12198E-04	539014.9	4215811.2	9.9	1.30	13.95	1.21	YES	HRDOW

NO
 L0001236   0   0.12198E-04 539032.2 4215786.8   10.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001237   0   0.12198E-04 539050.6 4215763.0   10.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0001238   0   0.12198E-04 539069.6 4215739.9   10.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0001239   0   0.12198E-04 539088.7 4215716.7   10.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001240   0   0.12198E-04 539107.8 4215693.6   10.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001241   0   0.12198E-04 539126.8 4215670.4   10.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0001242   0   0.12198E-04 539145.9 4215647.2   10.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0001243   0   0.12198E-04 539165.0 4215624.1   10.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0001244   0   0.12198E-04 539184.2 4215601.0   10.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0001245   0   0.12198E-04 539203.9 4215578.4   10.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0001246   0   0.12198E-04 539223.6 4215555.8   10.4   1.30   13.95   1.21   YES   HRDOW
NO
 L0001247   0   0.12198E-04 539243.3 4215533.1   10.6   1.30   13.95   1.21   YES   HRDOW
NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0001248	0	0.12198E-04	539263.0	4215510.5	10.8	1.30	13.95	1.21	YES	HRDOW
NO										
L0001249	0	0.12198E-04	539286.7	4215493.0	10.5	1.30	13.95	1.21	YES	HRDOW
NO										
L0001250	0	0.10437E-04	538665.7	4216147.5	8.8	3.40	18.60	3.16	YES	HRDOW
NO										
L0001251	0	0.10437E-04	538696.7	4216172.8	8.4	3.40	18.60	3.16	YES	HRDOW
NO										
L0001252	0	0.10437E-04	538727.6	4216198.1	8.0	3.40	18.60	3.16	YES	HRDOW
NO										
L0001253	0	0.10437E-04	538758.6	4216223.4	7.6	3.40	18.60	3.16	YES	HRDOW
NO										
L0001254	0	0.10437E-04	538789.6	4216248.7	7.1	3.40	18.60	3.16	YES	HRDOW
NO										
L0001255	0	0.10437E-04	538820.5	4216274.0	6.7	3.40	18.60	3.16	YES	HRDOW
NO										
L0001256	0	0.10437E-04	538851.7	4216299.0	6.3	3.40	18.60	3.16	YES	HRDOW
NO										
L0001257	0	0.10437E-04	538889.8	4216311.1	5.5	3.40	18.60	3.16	YES	HRDOW
NO										
L0001258	0	0.10437E-04	538928.0	4216321.2	4.7	3.40	18.60	3.16	YES	HRDOW
NO										
L0001259	0	0.10437E-04	538966.9	4216311.9	5.2	3.40	18.60	3.16	YES	HRDOW
NO										
L0001260	0	0.10437E-04	539004.5	4216300.4	5.6	3.40	18.60	3.16	YES	HRDOW
NO										

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 L0001261         0   0.78270E-05  539026.8 4216282.1     5.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001262         0   0.78270E-05  539048.9 4216261.8     5.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001263         0   0.78270E-05  539071.1 4216241.6     5.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001264         0   0.78270E-05  539089.2 4216217.8     5.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001265         0   0.78270E-05  539106.0 4216193.0     5.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001266         0   0.78270E-05  539122.9 4216168.2     5.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001267         0   0.78270E-05  539139.5 4216143.2     5.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0001268         0   0.78270E-05  539156.1 4216118.3     5.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0001269         0   0.78270E-05  539172.7 4216093.3     5.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0001270         0   0.78270E-05  539189.4 4216068.3     5.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0001271         0   0.78270E-05  539206.0 4216043.3     6.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0001272         0   0.78270E-05  539222.6 4216018.3     6.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001273         0   0.78270E-05  539239.3 4215993.4     6.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001274         0   0.78270E-05  539256.1 4215968.6     6.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0001275         0   0.78270E-05  539272.9 4215943.7     6.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0001276         0   0.78270E-05  539289.7 4215918.8     6.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0001277         0   0.78270E-05  539306.5 4215894.0     6.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0001278         0   0.78270E-05  539323.2 4215869.1     6.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0001279         0   0.78270E-05  539340.0 4215844.2     7.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0001280         0   0.78270E-05  539356.8 4215819.4     7.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0001281         0   0.78270E-05  539373.6 4215794.5     7.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001282         0   0.78270E-05  539390.4 4215769.6     7.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001283         0   0.78270E-05  539407.1 4215744.8     7.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0001284         0   0.78270E-05  539423.9 4215719.9     7.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0001285         0   0.78270E-05  539440.7 4215695.0     7.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0001286         0   0.78270E-05  539457.5 4215670.2     7.7     3.40    13.95     3.16     YES   HRDOW
NO
 L0001287         0   0.78270E-05  539474.3 4215645.3     7.8     3.40    13.95     3.16     YES   HRDOW
NO
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE                    BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X         Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)              BY
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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0001288         0   0.78270E-05  539491.0 4215620.4     8.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0001289         0   0.78270E-05  539507.8 4215595.6     8.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0001290         0   0.78270E-05  539524.6 4215570.7     8.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001291         0   0.78270E-05  539523.3 4215550.1     8.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001292         0   0.78270E-05  539497.2 4215535.2     8.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0001293         0   0.78270E-05  539471.8 4215519.3     8.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0001294         0   0.78270E-05  539446.7 4215502.8     9.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0001295         0   0.78270E-05  539420.0 4215489.7     9.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0001296         0   0.78270E-05  539391.6 4215480.0     9.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0001297         0   0.78270E-05  539361.8 4215478.4    10.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0001298         0   0.78270E-05  539332.1 4215480.4    10.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0001299         0   0.78270E-05  539303.0 4215487.8    10.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0001300         0   0.30246E-04  539322.9 4215606.6     9.1     1.30    13.95     1.21     YES   HRDOW
NO
 L0001301         0   0.30246E-04  539297.8 4215590.0     9.4     1.30    13.95     1.21     YES   HRDOW
NO
 L0001302         0   0.30246E-04  539272.8 4215573.5     9.8     1.30    13.95     1.21     YES   HRDOW
NO
 L0001303         0   0.30246E-04  539248.2 4215556.4    10.2     1.30    13.95     1.21     YES   HRDOW
NO
 L0001304         0   0.30246E-04  539263.1 4215534.3    10.1     1.30    13.95     1.21     YES   HRDOW
NO
 L0001305         0   0.30246E-04  539286.1 4215515.2    10.0     1.30    13.95     1.21     YES   HRDOW
NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                         ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*


                                                       *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.   URBAN  EMISSION RATE
 AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X         Y      ELEV.    HEIGHT  OF VERTS.     SZ     SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)           (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -

 IDLTK            0   0.46030E-05  539326.2 4215528.3     9.8     4.00       4         0.93     YES   HRDOW
  NO
 IDLCAR           0   0.11785E-06  539329.8 4215540.2     9.7     1.53       5         0.36     YES   HRDOW
  NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                         ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0001168 , L0001169 , L0001170 , L0001171 , L0001172 , L0001173 , L0001174 , L0001175 ,
	L0001176 , L0001177 , L0001178 , L0001179 , L0001180 , L0001181 , L0001182 , L0001183 ,
	L0001184 , L0001185 , L0001186 , L0001187 , L0001188 , L0001189 , L0001190 , L0001191 ,
	L0001192 , L0001193 , L0001194 , L0001195 , L0001196 , L0001197 , L0001198 , L0001199 ,
	L0001200 , L0001201 , L0001202 , L0001203 , L0001204 , L0001205 , L0001206 , L0001207 ,
	L0001208 , L0001209 , L0001210 , L0001211 , L0001212 , L0001213 , L0001214 , L0001215 ,
	L0001216 , L0001217 , L0001218 , L0001219 , L0001220 , L0001221 , L0001222 , L0001223 ,
	L0001224 , L0001225 , L0001226 , L0001227 , L0001228 , L0001229 , L0001230 , L0001231 ,
	L0001232 , L0001233 , L0001234 , L0001235 , L0001236 , L0001237 , L0001238 , L0001239 ,
	L0001240 , L0001241 , L0001242 , L0001243 , L0001244 , L0001245 , L0001246 , L0001247 ,
	L0001248 , L0001249 , L0001250 , L0001251 , L0001252 , L0001253 , L0001254 , L0001255 ,
	L0001256 , L0001257 , L0001258 , L0001259 , L0001260 , L0001261 , L0001262 , L0001263 ,
	L0001264 , L0001265 , L0001266 , L0001267 , L0001268 , L0001269 , L0001270 , L0001271 ,
	L0001272 , L0001273 , L0001274 , L0001275 , L0001276 , L0001277 , L0001278 , L0001279 ,
	L0001280 , L0001281 , L0001282 , L0001283 , L0001284 , L0001285 , L0001286 , L0001287 ,
	L0001288 , L0001289 , L0001290 , L0001291 , L0001292 , L0001293 , L0001294 , L0001295 ,
	L0001296 , L0001297 , L0001298 , L0001299 , IDLTK , IDLCAR , L0001300 , L0001301 ,
	L0001302 , L0001303 , L0001304 , L0001305 ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

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  URBAN ID   URBAN POP                                  SOURCE IDs
  --------   ---------                                  ----------

              260206.   L0001168    , L0001169    , L0001170    , L0001171    , L0001172    , L0001173    ,
L0001174    ,
 L0001175    ,

              L0001176    , L0001177    , L0001178    , L0001179    , L0001180    , L0001181    , L0001182    ,
L0001183    ,

              L0001184    , L0001185    , L0001186    , L0001187    , L0001188    , L0001189    , L0001190    ,
L0001191    ,

              L0001192    , L0001193    , L0001194    , L0001195    , L0001196    , L0001197    , L0001198    ,
L0001199    ,

              L0001200    , L0001201    , L0001202    , L0001203    , L0001204    , L0001205    , L0001206    ,
L0001207    ,

              L0001208    , L0001209    , L0001210    , L0001211    , L0001212    , L0001213    , L0001214    ,
L0001215    ,

              L0001216    , L0001217    , L0001218    , L0001219    , L0001220    , L0001221    , L0001222    ,
L0001223    ,

              L0001224    , L0001225    , L0001226    , L0001227    , L0001228    , L0001229    , L0001230    ,
L0001231    ,

              L0001232    , L0001233    , L0001234    , L0001235    , L0001236    , L0001237    , L0001238    ,
L0001239    ,

              L0001240    , L0001241    , L0001242    , L0001243    , L0001244    , L0001245    , L0001246    ,
L0001247    ,

              L0001248    , L0001249    , L0001250    , L0001251    , L0001252    , L0001253    , L0001254    ,
L0001255    ,

              L0001256    , L0001257    , L0001258    , L0001259    , L0001260    , L0001261    , L0001262    ,
L0001263    ,

              L0001264    , L0001265    , L0001266    , L0001267    , L0001268    , L0001269    , L0001270    ,
L0001271    ,

              L0001272    , L0001273    , L0001274    , L0001275    , L0001276    , L0001277    , L0001278    ,
L0001279    ,

              L0001280    , L0001281    , L0001282    , L0001283    , L0001284    , L0001285    , L0001286    ,
L0001287    ,

              L0001288    , L0001289    , L0001290    , L0001291    , L0001292    , L0001293    , L0001294    ,
L0001295    ,

              L0001296    , L0001297    , L0001298    , L0001299    , IDLTK       , IDLCAR      , L0001300    ,
L0001301    ,

              L0001302    , L0001303    , L0001304    , L0001305    ,
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001168     ; SOURCE TYPE = VOLUME   :
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  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001169     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001170 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001171 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
07/15/25
*** AERMET - VERSION 18081 *** *** NOVATO OPERATIONAL NO2 ANNUAL ***
16:32:18

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001172 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001173 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001174   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001175   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001176   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001177   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001178     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001179     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001180   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001181   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01

16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001182   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001183   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001184     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001185     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
```

```
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  27
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001186     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  28
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001187     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
```

```
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001188     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001189     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001190   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001191   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE  33
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001192     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001193 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001194 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
07/15/25
*** AERMET - VERSION 18081 *** *** NOVATO OPERATIONAL NO2 ANNUAL ***
16:32:18

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001195 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001196 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001197   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001198   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001199 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001200 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001201     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001202     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001203   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001204   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01

16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001205   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001206   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001207     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001208     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
```

```
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  50
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001209     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  51
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001210     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
```

```
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001211     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001212     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

```
- - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```


* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0001213     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                             DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                             DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```


* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001214   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001215     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE  57
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001216 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001217 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001218 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001219 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001220   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
  17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
  17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
  17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001221   ; SOURCE TYPE = VOLUME   :
 HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
- -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
  17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
  17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
   1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
   9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
  17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001222 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001223 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001224     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE  66
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001225     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001226   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001227   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01

16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001228   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001229   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  71
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001230     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  72
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001231     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
```

```
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  73
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001232     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  74
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001233     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
```

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001234   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001235   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -

- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001236 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001237 ; SOURCE TYPE = VOLUME :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001238     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001239 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001240 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
07/15/25
*** AERMET - VERSION 18081 *** *** NOVATO OPERATIONAL NO2 ANNUAL ***
16:32:18

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001241 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001242 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001243   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001244   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001245 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001247   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001248   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

```
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001249     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001250     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001251   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001252   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001253     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001254     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
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   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  96
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001255     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001256     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
```

```
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001257     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001258     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001259   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001260   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001261     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001262 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001263 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001264 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001265 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001266   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001267   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001268   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001269   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001270   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001271   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001272   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001273   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01

16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001274   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001275   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001276     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001277     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
```

```
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 119
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001278     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 120
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001279     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
```

```
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001280     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001281     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001282   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001283   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001284     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE 126
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001285 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001286 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001287 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001288 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001289   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001290   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001291 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0001292 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001293   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                    * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001294   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001295   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001296   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01

16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001297   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001298   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001299     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = IDLTK        ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
```

```
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 142
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = IDLCAR       ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 143
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001300     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
```

```
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001301     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001302     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001303   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001304   ; SOURCE TYPE = VOLUME   :

```
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE 148
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0001305     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                                DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                                DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE 149
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

538745.2, 538765.2, 538785.2, 538805.2, 538825.2, 538845.2, 538865.2, 538885.2, 538905.2, 538925.2,
538945.2, 538965.2, 538985.2, 539005.2, 539025.2, 539045.2, 539065.2, 539085.2, 539105.2, 539125.2,
539145.2, 539165.2, 539185.2, 539205.2, 539225.2, 539245.2, 539265.2, 539285.2, 539305.2, 539325.2,
539345.2, 539365.2, 539385.2, 539405.2, 539425.2, 539445.2, 539465.2, 539485.2, 539505.2, 539525.2,
539545.2, 539565.2, 539585.2, 539605.2, 539625.2, 539645.2, 539665.2, 539685.2, 539705.2, 539725.2,

*** Y-COORDINATES OF GRID ***
(METERS)

4215020.6, 4215040.6, 4215060.6, 4215080.6, 4215100.6, 4215120.6, 4215140.6, 4215160.6, 4215180.6, 4215200.6,
4215220.6, 4215240.6, 4215260.6, 4215280.6, 4215300.6, 4215320.6, 4215340.6, 4215360.6, 4215380.6, 4215400.6,
4215420.6, 4215440.6, 4215460.6, 4215480.6, 4215500.6, 4215520.6, 4215540.6, 4215560.6, 4215580.6, 4215600.6,
4215620.6, 4215640.6, 4215660.6, 4215680.6, 4215700.6, 4215720.6, 4215740.6, 4215760.6, 4215780.6, 4215800.6,
4215820.6, 4215840.6, 4215860.6, 4215880.6, 4215900.6, 4215920.6, 4215940.6, 4215960.6, 4215980.6, 4216000.6,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	9.60	9.30	9.10	8.80	8.80	8.80	8.80	8.70	8.40
4215980.65	9.80	9.60	9.30	9.10	9.10	9.10	9.10	8.90	8.70
4215960.65	10.10	9.80	9.50	9.30	9.30	9.30	9.30	9.10	8.90
4215940.65	10.30	10.00	9.70	9.50	9.50	9.50	9.50	9.40	9.10
4215920.65	10.50	10.20	9.90	9.70	9.70	9.70	9.70	9.60	9.30
4215900.65	10.70	10.40	10.20	9.90	9.90	9.90	9.90	9.80	9.50
4215880.65	10.90	10.70	10.40	10.10	10.10	10.10	10.00	9.90	9.70
4215860.65	11.10	10.90	10.60	10.30	10.20	10.20	10.10	9.90	9.70
4215840.65	11.40	11.10	10.80	10.60	10.40	10.20	10.10	9.90	9.80
4215820.65	11.60	11.30	11.00	10.80	10.50	10.30	10.10	10.00	9.90
4215800.65	11.80	11.50	11.20	11.00	10.70	10.40	10.20	10.00	10.00
4215780.65	12.00	11.70	11.50	11.20	11.00	10.80	10.60	10.40	10.40
4215760.65	12.20	12.00	11.70	11.40	11.30	11.10	11.00	10.80	10.70
4215740.65	12.40	12.20	11.90	11.60	11.50	11.50	11.40	11.20	11.10

```
  4215720.65 |        12.70       12.40       12.10       11.90       11.80       11.80       11.80
11.60       11.40
  4215700.65 |        12.90       12.60       12.30       12.10       12.10       12.10       12.10
12.00       11.70
  4215680.65 |        13.10       12.80       12.60       12.30       12.30       12.30       12.30
12.20       11.90
  4215660.65 |        13.30       13.00       12.80       12.50       12.50       12.50       12.50
12.40       12.10
  4215640.65 |        13.50       13.30       13.00       12.70       12.70       12.70       12.70
12.60       12.40
  4215620.65 |        13.80       13.50       13.20       12.90       12.90       13.00       13.00
12.80       12.60
  4215600.65 |        14.00       13.70       13.40       13.20       13.20       13.20       13.20
13.10       12.80
  4215580.65 |        14.20       13.90       13.60       13.40       13.40       13.40       13.40
13.30       13.00
  4215560.65 |        14.40       14.10       13.90       13.60       13.60       13.60       13.60
13.50       13.20
  4215540.65 |        14.60       14.40       14.10       13.80       13.80       13.80       13.80
13.70       13.40
  4215520.65 |        14.80       14.60       14.30       14.00       14.00       14.00       14.00
13.90       13.60
  4215500.65 |        15.10       14.80       14.50       14.20       14.20       14.10       14.00
13.90       13.70
  4215480.65 |        15.30       15.00       14.70       14.50       14.30       14.20       14.10
13.90       13.80
  4215460.65 |        15.50       15.20       14.90       14.70       14.50       14.30       14.10
14.00       13.90
  4215440.65 |        15.70       15.40       15.20       14.90       14.60       14.40       14.20
14.00       14.00
  4215420.65 |        15.90       15.70       15.40       15.10       14.80       14.60       14.30
14.10       14.10
  4215400.65 |        16.10       15.90       15.60       15.30       15.10       14.80       14.50
14.30       14.30
  4215380.65 |        16.40       16.10       15.80       15.50       15.30       15.00       14.70
14.50       14.50
  4215360.65 |        16.60       16.30       16.00       15.80       15.50       15.20       14.90
14.80       14.80
  4215340.65 |        16.80       16.50       16.30       16.00       15.70       15.40       15.20
15.00       15.00
  4215320.65 |        17.00       16.70       16.50       16.20       16.00       15.80       15.50
15.40       15.30
  4215300.65 |        17.20       17.00       16.70       16.40       16.30       16.10       15.90
15.80       15.70
  4215280.65 |        17.50       17.20       16.90       16.60       16.50       16.40       16.30
16.20       16.00
  4215260.65 |        17.70       17.40       17.10       16.90       16.80       16.80       16.70
16.60       16.40
  4215240.65 |        17.90       17.60       17.30       17.10       17.00       17.00       17.00
16.90       16.70
  4215220.65 |        18.10       17.80       17.60       17.30       17.20       17.10       17.10
16.90       16.70
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                              *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538745.17    538765.17    538785.17    538805.17    538825.17    538845.17    538865.17
538885.17    538905.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	8.20	7.90	7.80	7.80	7.80	7.80	7.50	7.30	7.00
4215980.65	8.40	8.10	8.10	8.10	8.10	8.00	7.70	7.50	7.20
4215960.65	8.60	8.30	8.30	8.30	8.30	8.20	8.00	7.70	7.40
4215940.65	8.80	8.50	8.50	8.50	8.50	8.50	8.20	7.90	7.60
4215920.65	9.00	8.80	8.70	8.70	8.70	8.70	8.40	8.10	7.90
4215900.65	9.30	9.00	8.90	8.90	8.90	8.90	8.60	8.30	8.10
4215880.65	9.40	9.20	9.10	9.10	9.10	9.10	8.80	8.60	8.30
4215860.65	9.60	9.40	9.40	9.40	9.40	9.30	9.10	8.80	8.50
4215840.65	9.70	9.60	9.60	9.60	9.60	9.50	9.30	9.00	8.70
4215820.65	9.90	9.80	9.80	9.80	9.80	9.80	9.50	9.20	8.90
4215800.65	10.00	10.00	10.00	10.00	10.00	10.00	9.70	9.40	9.20
4215780.65	10.30	10.20	10.20	10.10	10.10	10.00	9.80	9.60	9.30
4215760.65	10.60	10.50	10.30	10.20	10.10	10.00	9.80	9.70	9.50
4215740.65	10.90	10.70	10.50	10.30	10.20	10.00	9.90	9.80	9.70
4215720.65	11.20	10.90	10.70	10.50	10.20	10.00	10.00	9.90	9.90
4215200.65	18.30	18.00	17.80	17.50	17.40	17.20	17.10	17.00	16.80
4215180.65	18.50	18.30	18.00	17.70	17.50	17.30	17.10	17.00	16.90
4215160.65	18.80	18.50	18.20	17.90	17.70	17.40	17.20	17.00	17.00
4215140.65	19.00	18.70	18.40	18.20	17.90	17.60	17.30	17.10	17.10
4215120.65	19.20	18.90	18.60	18.40	18.10	17.80	17.60	17.30	17.20
4215100.65	19.40	19.10	18.90	18.60	18.30	18.00	17.80	17.50	17.40
4215080.65	19.60	19.40	19.10	18.80	18.50	18.30	18.00	17.70	17.50
4215060.65	19.80	19.60	19.30	19.00	18.80	18.50	18.20	17.90	17.70
4215040.65	20.10	19.80	19.50	19.20	19.00	18.70	18.40	18.20	17.90
4215020.65	20.30	20.00	19.70	19.50	19.20	18.90	18.60	18.40	18.10

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  4215700.65 |        11.40        11.20        10.90        10.60        10.30        10.10        10.10
10.10        10.10
  4215680.65 |        11.60        11.40        11.10        10.80        10.60        10.30        10.30
10.30        10.30
  4215660.65 |        11.90        11.60        11.30        11.00        10.80        10.50        10.50
10.50        10.50
  4215640.65 |        12.10        11.80        11.50        11.30        11.00        10.70        10.70
10.70        10.70
  4215620.65 |        12.30        12.00        11.80        11.50        11.20        11.00        11.00
11.00        11.00
  4215600.65 |        12.50        12.20        12.00        11.70        11.40        11.20        11.20
11.20        11.20
  4215580.65 |        12.70        12.50        12.20        11.90        11.60        11.40        11.40
11.40        11.40
  4215560.65 |        13.00        12.70        12.40        12.10        11.90        11.60        11.60
11.60        11.60
  4215540.65 |        13.20        12.90        12.60        12.40        12.10        11.80        11.80
11.80        11.80
  4215520.65 |        13.40        13.10        12.80        12.60        12.30        12.00        12.00
12.00        12.00
  4215500.65 |        13.50        13.30        13.10        12.80        12.50        12.30        12.30
12.30        12.30
  4215480.65 |        13.70        13.50        13.30        13.00        12.70        12.50        12.50
12.50        12.50
  4215460.65 |        13.80        13.70        13.50        13.20        12.90        12.70        12.70
12.70        12.70
  4215440.65 |        13.90        13.90        13.70        13.40        13.20        12.90        12.90
12.90        12.90
  4215420.65 |        14.10        14.10        13.90        13.70        13.40        13.10        13.10
13.10        13.10
  4215400.65 |        14.30        14.30        14.10        13.90        13.60        13.30        13.30
13.30        13.30
  4215380.65 |        14.50        14.60        14.40        14.10        13.80        13.60        13.60
13.60        13.60
  4215360.65 |        14.80        14.80        14.60        14.30        14.00        13.80        13.80
13.80        13.80
  4215340.65 |        15.00        15.00        14.80        14.50        14.30        14.00        14.00
14.00        14.00
  4215320.65 |        15.30        15.20        15.00        14.70        14.50        14.20        14.10
14.10        14.00
  4215300.65 |        15.60        15.50        15.20        15.00        14.70        14.40        14.30
14.20        14.10
  4215280.65 |        15.90        15.70        15.50        15.20        14.90        14.60        14.50
14.30        14.10
  4215260.65 |        16.20        15.90        15.70        15.40        15.10        14.90        14.60
14.40        14.20
  4215240.65 |        16.40        16.20        15.90        15.60        15.30        15.10        14.80
14.50        14.30
  4215220.65 |        16.50        16.40        16.10        15.80        15.60        15.30        15.00
14.70        14.50
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE 153
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538925.17    538945.17    538965.17    538985.17    539005.17    539025.17    539045.17
539065.17    539085.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |        16.70        16.50        16.30        16.10        15.80        15.50        15.20
```

15.00 14.70
4215180.65 | 16.80 16.70 16.50 16.30 16.00 15.70 15.50
15.20 14.90
4215160.65 | 17.00 16.90 16.80 16.50 16.20 15.90 15.70
15.40 15.10
4215140.65 | 17.10 17.00 16.90 16.60 16.40 16.20 15.90
15.60 15.30
4215120.65 | 17.10 17.00 16.90 16.70 16.50 16.40 16.10
15.80 15.60
4215100.65 | 17.20 17.10 16.90 16.80 16.70 16.60 16.30
16.00 15.80
4215080.65 | 17.30 17.10 17.00 16.90 16.90 16.80 16.50
16.30 16.00
4215060.65 | 17.40 17.10 17.00 17.00 17.00 17.00 16.70
16.50 16.20
4215040.65 | 17.60 17.30 17.20 17.10 17.10 17.00 16.70
16.50 16.20
4215020.65 | 17.80 17.60 17.40 17.30 17.10 17.00 16.70
16.50 16.20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17
539245.17	539265.17						
4216000.65	6.90	6.90	6.90	6.90	6.70	6.40	6.20
6.00	6.00						
4215980.65	7.10	7.10	7.10	7.10	6.80	6.60	6.30
6.10	6.10						
4215960.65	7.30	7.30	7.30	7.30	7.10	6.80	6.50
6.30	6.30						
4215940.65	7.50	7.50	7.50	7.50	7.30	7.00	6.70
6.50	6.50						
4215920.65	7.70	7.70	7.70	7.70	7.50	7.20	6.90
6.70	6.70						
4215900.65	7.90	7.90	7.90	7.90	7.70	7.40	7.20
6.90	6.90						
4215880.65	8.10	8.10	8.00	8.00	7.80	7.60	7.30
7.20	7.10						
4215860.65	8.30	8.20	8.10	8.00	7.90	7.70	7.50
7.40	7.30						
4215840.65	8.50	8.30	8.20	8.00	7.90	7.80	7.70
7.60	7.40						
4215820.65	8.70	8.50	8.30	8.00	8.00	7.90	7.90
7.80	7.50						
4215800.65	8.90	8.60	8.30	8.10	8.00	8.00	8.00
8.00	7.70						
4215780.65	9.10	8.80	8.60	8.30	8.20	8.20	8.20
8.20	7.90						
4215760.65	9.30	9.00	8.80	8.50	8.50	8.50	8.50
8.40	8.10						
4215740.65	9.50	9.30	9.00	8.70	8.70	8.70	8.70
8.60	8.40						
4215720.65	9.80	9.50	9.20	8.90	8.90	8.90	8.90
8.80	8.60						
4215700.65	10.00	9.70	9.40	9.20	9.10	9.10	9.00
9.00	8.70						

  4215680.65 | 10.20   9.90   9.60   9.40   9.20   9.20   9.10
9.00   8.80
  4215660.65 | 10.40   10.10   9.90   9.60   9.40   9.30   9.10
9.00   8.90
  4215640.65 | 10.60   10.40   10.10   9.80   9.60   9.40   9.20
9.00   8.90
  4215620.65 | 10.80   10.60   10.30   10.00   9.80   9.50   9.20
9.00   9.00
  4215600.65 | 11.10   10.80   10.50   10.20   10.00   9.70   9.40
9.20   9.20
  4215580.65 | 11.30   11.00   10.70   10.50   10.20   9.90   9.60
9.40   9.40
  4215560.65 | 11.50   11.20   11.00   10.70   10.40   10.10   9.90
9.60   9.60
  4215540.65 | 11.70   11.40   11.20   10.90   10.60   10.40   10.10
9.80   9.80
  4215520.65 | 11.90   11.70   11.40   11.10   10.80   10.60   10.30
10.10   10.00
  4215500.65 | 12.20   11.90   11.60   11.30   11.10   10.80   10.50
10.30   10.20
  4215480.65 | 12.40   12.10   11.80   11.60   11.30   11.00   10.70
10.50   10.30
  4215460.65 | 12.60   12.30   12.00   11.80   11.50   11.20   10.90
10.70   10.50
  4215440.65 | 12.80   12.50   12.30   12.00   11.70   11.40   11.20
10.90   10.60
  4215420.65 | 13.00   12.70   12.50   12.20   11.90   11.70   11.40
11.10   10.80
  4215400.65 | 13.20   13.00   12.70   12.40   12.10   11.90   11.60
11.30   11.10
  4215380.65 | 13.50   13.20   12.90   12.60   12.40   12.10   11.80
11.50   11.30
  4215360.65 | 13.70   13.40   13.10   12.90   12.60   12.30   12.00
11.80   11.50
  4215340.65 | 13.90   13.60   13.30   13.10   12.80   12.50   12.30
12.00   11.70
  4215320.65 | 13.90   13.70   13.50   13.30   13.00   12.60   12.30
12.00   11.80
  4215300.65 | 13.90   13.80   13.60   13.50   13.20   12.80   12.40
12.00   11.80
  4215280.65 | 14.00   13.90   13.80   13.70   13.30   12.90   12.40
12.00   11.90
  4215260.65 | 14.00   13.90   13.90   13.90   13.50   13.00   12.50
12.00   12.00
  4215240.65 | 14.10   14.00   14.00   14.00   13.60   13.10   12.60
12.10   12.10
  4215220.65 | 14.30   14.20   14.10   14.00   13.70   13.20   12.70
12.30   12.30

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                              *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * ELEVATION HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
 -
- - - - - - - -

  4215200.65 | 14.50   14.30   14.20   14.00   13.70   13.30   12.90
12.50   12.50
  4215180.65 | 14.70   14.50   14.30   14.10   13.80   13.40   13.10

12.70 12.70
4215160.65 | 14.90 14.60 14.30 14.10 13.80 13.50 13.20
12.90 12.90
4215140.65 | 15.10 14.70 14.40 14.10 13.80 13.60 13.40
13.20 13.10
4215120.65 | 15.30 14.90 14.50 14.10 13.90 13.70 13.50
13.40 13.30
4215100.65 | 15.50 15.00 14.60 14.20 13.90 13.80 13.70
13.60 13.40
4215080.65 | 15.70 15.20 14.70 14.20 14.00 13.90 13.90
13.80 13.60
4215060.65 | 15.80 15.30 14.80 14.20 14.00 14.00 14.00
14.00 13.80
4215040.65 | 15.90 15.40 14.90 14.40 14.20 14.20 14.20
14.20 14.00
4215020.65 | 15.90 15.50 15.00 14.60 14.50 14.50 14.50
14.50 14.20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17
539425.17	539445.17						
4216000.65	5.90	5.90	5.90	5.90	5.90	5.90	5.60
5.30	5.10						
4215980.65	6.10	6.10	6.10	6.00	6.00	6.00	5.80
5.50	5.30						
4215960.65	6.30	6.30	6.30	6.20	6.10	6.00	5.80
5.60	5.40						
4215940.65	6.50	6.50	6.40	6.30	6.20	6.00	5.90
5.80	5.60						
4215920.65	6.70	6.70	6.60	6.40	6.20	6.00	5.90
5.90	5.80						
4215900.65	6.90	6.90	6.80	6.50	6.30	6.00	6.00
6.00	6.00						
4215880.65	7.10	7.00	6.90	6.60	6.40	6.20	6.10
6.10	6.00						
4215860.65	7.20	7.00	6.90	6.70	6.60	6.40	6.30
6.20	6.10						
4215840.65	7.20	7.10	6.90	6.80	6.70	6.60	6.50
6.30	6.10						
4215820.65	7.30	7.10	7.00	6.90	6.90	6.80	6.60
6.40	6.20						
4215800.65	7.40	7.20	7.00	7.00	7.00	7.00	6.80
6.50	6.30						
4215780.65	7.70	7.40	7.20	7.20	7.20	7.20	7.00
6.70	6.50						
4215760.65	7.90	7.60	7.50	7.50	7.50	7.50	7.20
7.00	6.70						
4215740.65	8.10	7.80	7.70	7.70	7.70	7.70	7.40
7.20	6.90						
4215720.65	8.30	8.00	7.90	7.90	7.90	7.90	7.70
7.40	7.10						
4215700.65	8.50	8.20	8.10	8.10	8.00	8.00	7.80
7.60	7.30						
4215680.65	8.60	8.40	8.30	8.20	8.10	8.00	7.80
7.70	7.50						

  4215660.65 | 8.70   8.60   8.50   8.30   8.20   8.00   7.90
7.80   7.70
  4215640.65 | 8.90   8.80   8.70   8.50   8.20   8.00   7.90
7.90   7.80
  4215620.65 | 9.00   9.00   8.80   8.60   8.30   8.00   8.00
8.00   8.00
  4215600.65 | 9.20   9.20   9.10   8.80   8.50   8.20   8.20
8.20   8.20
  4215580.65 | 9.40   9.40   9.30   9.00   8.70   8.50   8.40
8.40   8.40
  4215560.65 | 9.60   9.60   9.50   9.20   9.00   8.70   8.60
8.60   8.60
  4215540.65 | 9.80   9.80   9.70   9.40   9.20   8.90   8.80
8.80   8.80
  4215520.65 | 10.00   10.00   9.90   9.60   9.40   9.10   9.00
9.00   9.00
  4215500.65 | 10.10   10.00   9.90   9.70   9.50   9.30   9.20
9.10   9.10
  4215480.65 | 10.20   10.10   9.90   9.80   9.70   9.50   9.40
9.30   9.10
  4215460.65 | 10.30   10.10   10.00   9.90   9.80   9.70   9.60
9.40   9.20
  4215440.65 | 10.40   10.10   10.00   10.00   9.90   9.90   9.70
9.50   9.20
  4215420.65 | 10.60   10.30   10.10   10.10   10.00   10.00   9.80
9.60   9.40
  4215400.65 | 10.80   10.50   10.30   10.20   10.10   10.00   9.90
9.70   9.50
  4215380.65 | 11.00   10.70   10.50   10.40   10.20   10.00   9.90
9.80   9.70
  4215360.65 | 11.20   10.90   10.70   10.50   10.30   10.10   10.00
9.90   9.80
  4215340.65 | 11.40   11.20   10.90   10.60   10.30   10.10   10.00
10.00   10.00
  4215320.65 | 11.60   11.30   11.10   10.80   10.60   10.30   10.20
10.20   10.20
  4215300.65 | 11.70   11.50   11.30   11.10   10.80   10.50   10.40
10.40   10.40
  4215280.65 | 11.80   11.70   11.50   11.30   11.00   10.70   10.70
10.70   10.70
  4215260.65 | 11.90   11.90   11.80   11.50   11.20   10.90   10.90
10.90   10.90
  4215240.65 | 12.10   12.10   12.00   11.70   11.40   11.20   11.10
11.00   11.00
  4215220.65 | 12.30   12.30   12.20   11.90   11.70   11.40   11.20
11.20   11.10

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          * ELEVATION HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539285.17   539305.17   539325.17   539345.17   539365.17   539385.17   539405.17
539425.17   539445.17
 -
- - - - - - - -

  4215200.65 | 12.50   12.50   12.40   12.10   11.90   11.60   11.40
11.30   11.10
  4215180.65 | 12.70   12.70   12.60   12.40   12.10   11.80   11.60
11.40   11.20
  4215160.65 | 12.90   12.90   12.90   12.60   12.30   12.00   11.80

11.50 11.20
4215140.65 | 13.10 13.00 12.90 12.70 12.50 12.20 12.00
11.70 11.40
4215120.65 | 13.20 13.10 12.90 12.80 12.60 12.40 12.20
11.90 11.70
4215100.65 | 13.30 13.10 13.00 12.90 12.70 12.60 12.40
12.10 11.90
4215080.65 | 13.40 13.10 13.00 12.90 12.90 12.80 12.60
12.40 12.10
4215060.65 | 13.50 13.20 13.00 13.00 13.00 13.00 12.80
12.60 12.30
4215040.65 | 13.70 13.40 13.20 13.20 13.10 13.00 12.90
12.70 12.50
4215020.65 | 13.90 13.60 13.40 13.30 13.20 13.00 12.90
12.80 12.60

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	4.80	4.60	4.30	4.10	4.00	3.90	3.90	3.90	3.60
4215980.65	5.00	4.70	4.50	4.20	4.10	4.10	4.00	4.00	3.70
4215960.65	5.20	5.00	4.70	4.40	4.30	4.20	4.10	4.00	3.70
4215940.65	5.50	5.20	4.90	4.60	4.40	4.30	4.20	4.00	3.70
4215920.65	5.70	5.40	5.10	4.90	4.60	4.40	4.20	4.00	3.70
4215900.65	5.90	5.60	5.30	5.10	4.80	4.50	4.30	4.00	3.70
4215880.65	5.90	5.70	5.50	5.30	5.00	4.70	4.50	4.20	3.90
4215860.65	6.00	5.80	5.60	5.50	5.20	5.00	4.70	4.40	4.10
4215840.65	6.00	5.90	5.80	5.70	5.50	5.20	4.90	4.60	4.40
4215820.65	6.00	5.90	5.90	5.80	5.70	5.40	5.10	4.90	4.60
4215800.65	6.00	6.00	6.00	6.00	5.90	5.60	5.30	5.10	4.80
4215780.65	6.30	6.30	6.30	6.30	6.10	5.80	5.60	5.30	5.00
4215760.65	6.50	6.50	6.50	6.50	6.30	6.10	5.80	5.50	5.20
4215740.65	6.70	6.70	6.70	6.70	6.50	6.30	6.00	5.70	5.50
4215720.65	6.90	6.90	6.90	6.90	6.80	6.50	6.20	5.90	5.70
4215700.65	7.10	7.10	7.00	7.00	6.90	6.60	6.30	6.00	5.80
4215680.65	7.30	7.20	7.10	7.00	6.90	6.60	6.30	6.00	5.80
4215660.65	7.50	7.40	7.20	7.10	6.90	6.60	6.30	6.00	5.80

```
  4215640.65 |         7.70         7.50         7.30         7.10         6.90         6.60         6.30
6.00         5.80
  4215620.65 |         7.90         7.70         7.40         7.10         6.90         6.60         6.30
6.00         5.80
  4215600.65 |         8.20         7.90         7.60         7.30         7.10         6.80         6.50
6.20         6.00
  4215580.65 |         8.40         8.10         7.80         7.60         7.30         7.00         6.70
6.50         6.20
  4215560.65 |         8.60         8.30         8.00         7.80         7.50         7.20         7.00
6.70         6.40
  4215540.65 |         8.80         8.50         8.30         8.00         7.70         7.40         7.20
6.90         6.60
  4215520.65 |         9.00         8.70         8.50         8.20         7.90         7.70         7.40
7.10         6.80
  4215500.65 |         9.00         8.80         8.60         8.40         8.20         7.90         7.60
7.30         7.10
  4215480.65 |         9.00         8.80         8.70         8.60         8.40         8.10         7.80
7.60         7.30
  4215460.65 |         9.00         8.90         8.80         8.80         8.60         8.30         8.00
7.80         7.50
  4215440.65 |         9.00         9.00         9.00         8.90         8.80         8.50         8.30
8.00         7.70
  4215420.65 |         9.10         9.10         9.10         9.00         8.90         8.70         8.40
8.20         7.90
  4215400.65 |         9.40         9.30         9.20         9.10         8.90         8.70         8.60
8.40         8.20
  4215380.65 |         9.60         9.40         9.20         9.10         8.90         8.80         8.70
8.60         8.40
  4215360.65 |         9.80         9.60         9.30         9.10         9.00         8.90         8.90
8.80         8.60
  4215340.65 |        10.00         9.70         9.40         9.20         9.00         9.00         9.00
9.00         8.80
  4215320.65 |        10.20         9.90         9.70         9.40         9.20         9.10         9.10
9.00         8.80
  4215300.65 |        10.40        10.10         9.90         9.60         9.40         9.30         9.20
9.00         8.80
  4215280.65 |        10.60        10.40        10.10         9.80         9.60         9.40         9.20
9.00         8.80
  4215260.65 |        10.90        10.60        10.30        10.00         9.80         9.50         9.30
9.10         8.80
  4215240.65 |        11.00        10.70        10.50        10.20        10.00         9.70         9.40
9.20         8.90
  4215220.65 |        11.00        10.80        10.60        10.40        10.20         9.90         9.70
9.40         9.10
```


*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

```
   Y-COORD  |                                          X-COORD (METERS)
   (METERS) |     539465.17    539485.17    539505.17    539525.17    539545.17    539565.17    539585.17
539605.17    539625.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215200.65 |        11.00        10.90        10.70        10.60        10.40        10.10         9.90
9.60         9.30
  4215180.65 |        11.00        10.90        10.90        10.80        10.60        10.40        10.10
9.80         9.50
  4215160.65 |        11.00        11.00        11.00        11.00        10.90        10.60        10.30
10.00         9.80
  4215140.65 |        11.20        11.10        11.10        11.00        10.90        10.60        10.30
```

10.10 9.80
4215120.65 | 11.40 11.30 11.20 11.10 10.90 10.60 10.30
10.10 9.80
4215100.65 | 11.60 11.40 11.30 11.10 10.90 10.60 10.30
10.10 9.80
4215080.65 | 11.80 11.60 11.40 11.10 10.90 10.60 10.30
10.10 9.80
4215060.65 | 12.00 11.80 11.50 11.20 10.90 10.70 10.40
10.10 9.90
4215040.65 | 12.20 12.00 11.70 11.40 11.20 10.90 10.60
10.30 10.10
4215020.65 | 12.50 12.20 11.90 11.60 11.40 11.10 10.80
10.60 10.30

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	3.30	3.10	2.80	2.50	2.30
4215980.65	3.50	3.20	2.90	2.70	2.40
4215960.65	3.50	3.20	2.90	2.80	2.60
4215940.65	3.50	3.20	3.00	2.80	2.70
4215920.65	3.50	3.20	3.00	2.90	2.80
4215900.65	3.50	3.20	3.00	3.00	3.00
4215880.65	3.70	3.40	3.20	3.10	3.10
4215860.65	3.90	3.60	3.40	3.30	3.20
4215840.65	4.10	3.80	3.60	3.40	3.20
4215820.65	4.30	4.00	3.80	3.50	3.30
4215800.65	4.50	4.30	4.00	3.70	3.40
4215780.65	4.70	4.50	4.20	3.90	3.70
4215760.65	5.00	4.70	4.40	4.10	3.90
4215740.65	5.20	4.90	4.60	4.40	4.10
4215720.65	5.40	5.10	4.90	4.60	4.30
4215700.65	5.50	5.20	4.90	4.70	4.50
4215680.65	5.50	5.20	5.00	4.80	4.60
4215660.65	5.50	5.20	5.00	4.90	4.70
4215640.65	5.50	5.20	5.00	4.90	4.90
4215620.65	5.50	5.20	5.00	5.00	5.00
4215600.65	5.70	5.40	5.20	5.20	5.20
4215580.65	5.90	5.60	5.40	5.40	5.40
4215560.65	6.10	5.90	5.60	5.60	5.60
4215540.65	6.40	6.10	5.90	5.90	5.90
4215520.65	6.60	6.30	6.10	6.10	6.00
4215500.65	6.80	6.50	6.30	6.20	6.10
4215480.65	7.00	6.70	6.50	6.30	6.20
4215460.65	7.20	7.00	6.70	6.50	6.30
4215440.65	7.40	7.20	6.90	6.60	6.40
4215420.65	7.70	7.40	7.10	6.80	6.60
4215400.65	7.90	7.60	7.30	7.10	6.80
4215380.65	8.10	7.80	7.60	7.30	7.00
4215360.65	8.30	8.00	7.80	7.50	7.20
4215340.65	8.50	8.20	8.00	7.70	7.40
4215320.65	8.50	8.20	8.00	7.70	7.40
4215300.65	8.50	8.20	8.00	7.70	7.40
4215280.65	8.50	8.20	8.00	7.70	7.40
4215260.65	8.50	8.20	8.00	7.70	7.40
4215240.65	8.60	8.30	8.10	7.80	7.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	9.10	8.80	8.50	8.20	8.00
4215180.65	9.30	9.00	8.70	8.50	8.20
4215160.65	9.50	9.20	8.90	8.70	8.40
4215140.65	9.50	9.30	9.00	8.80	8.50
4215120.65	9.50	9.30	9.00	8.80	8.70
4215100.65	9.50	9.30	9.00	8.90	8.80
4215080.65	9.50	9.30	9.00	9.00	8.90
4215060.65	9.60	9.30	9.00	9.00	9.00
4215040.65	9.80	9.50	9.30	9.20	9.10
4215020.65	10.00	9.70	9.50	9.30	9.20

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215980.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215960.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215940.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215920.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215900.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215880.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215860.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215840.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215820.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215800.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215780.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

567.00 567.00
4215760.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215740.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215720.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215700.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215680.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215660.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215640.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215620.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215600.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215580.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215560.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215540.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215520.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215500.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215480.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215460.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215440.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215420.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215400.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215380.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215360.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215340.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215320.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215300.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215280.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215260.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215240.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215220.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538745.17    538765.17    538785.17    538805.17    538825.17    538845.17    538865.17
538885.17    538905.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215180.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215160.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215140.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215120.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215100.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215080.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215060.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215040.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215020.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 164
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538925.17    538945.17    538965.17    538985.17    539005.17    539025.17    539045.17
539065.17    539085.17
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  4216000.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215980.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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  4215960.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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  4215940.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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  4215920.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215900.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215880.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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  4215860.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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  4215840.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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  4215820.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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  4215800.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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  4215780.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215760.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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4215740.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215720.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215700.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215680.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215660.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215640.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215620.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215600.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215580.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215560.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215540.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215520.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215500.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215480.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215460.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215440.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215420.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215400.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215380.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215360.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215340.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215320.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215300.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215280.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215260.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215240.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215220.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 538925.17 538945.17 538965.17 538985.17 539005.17 539025.17 539045.17

539065.17   539085.17
 -

Y-COORD									
4215200.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215180.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215160.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215140.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215120.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215100.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215080.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215060.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215040.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215020.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	567.00	567.00	6.90	6.90	6.70	6.40	6.20	6.00	6.00
4215980.65	567.00	567.00	7.10	7.10	6.80	6.60	6.30	6.10	6.10
4215960.65	567.00	567.00	567.00	7.30	7.10	6.80	6.50	6.30	6.30
4215940.65	567.00	567.00	567.00	567.00	7.30	7.00	6.70	6.50	6.50
4215920.65	567.00	567.00	567.00	567.00	7.50	7.20	6.90	6.70	6.70
4215900.65	567.00	567.00	567.00	567.00	567.00	7.40	7.20	6.90	6.90
4215880.65	567.00	567.00	567.00	567.00	567.00	567.00	7.30	7.20	7.10
4215860.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.40	7.30
4215840.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.60	7.40
4215820.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	7.50
4215800.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215780.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215760.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215740.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00		

567.00 567.00
4215720.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215700.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215680.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215660.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215640.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215620.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215600.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215580.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215560.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215540.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215520.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215500.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215480.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215460.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215440.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215420.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215400.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215380.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215360.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215340.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215320.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215300.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215280.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215260.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215240.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215220.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 539105.17 539125.17 539145.17 539165.17 539185.17 539205.17 539225.17
539245.17 539265.17
- -

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  4215200.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215180.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215160.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215140.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215120.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215100.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215080.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215060.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215040.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215020.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539285.17   539305.17   539325.17   539345.17   539365.17   539385.17   539405.17
539425.17   539445.17
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  4216000.65 | 5.90   5.90   5.90   5.90   5.90   5.90   5.60
5.30   5.10
  4215980.65 | 6.10   6.10   6.10   6.00   6.00   6.00   5.80
5.50   5.30
  4215960.65 | 6.30   6.30   6.30   6.20   6.10   6.00   5.80
5.60   5.40
  4215940.65 | 6.50   6.50   6.40   6.30   6.20   6.00   5.90
5.80   5.60
  4215920.65 | 6.70   6.70   6.60   6.40   6.20   6.00   5.90
5.90   5.80
  4215900.65 | 6.90   6.90   6.80   6.50   6.30   6.00   6.00
6.00   6.00
  4215880.65 | 7.10   7.00   6.90   6.60   6.40   6.20   6.10
6.10   6.00
  4215860.65 | 7.20   7.00   6.90   6.70   6.60   6.40   6.30
6.20   6.10
  4215840.65 | 7.20   7.10   6.90   6.80   6.70   6.60   6.50
6.30   6.10
  4215820.65 | 7.30   7.10   7.00   6.90   6.90   6.80   6.60
6.40   6.20
  4215800.65 | 7.40   7.20   7.00   7.00   7.00   7.00   6.80
6.50   6.30
  4215780.65 | 567.00   7.40   7.20   7.20   7.20   7.20   7.00
6.70   6.50
  4215760.65 | 567.00   7.60   7.50   7.50   7.50   7.50   7.20
7.00   6.70
  4215740.65 | 567.00   567.00   7.70   7.70   7.70   7.70   7.40
7.20   6.90
  4215720.65 | 567.00   567.00   7.90   7.90   7.90   7.90   7.70

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7.40         7.10
  4215700.65 |        567.00       567.00       567.00         8.10         8.00         8.00         7.80
7.60         7.30
  4215680.65 |        567.00       567.00       567.00       567.00         8.10         8.00         7.80
7.70         7.50
  4215660.65 |        567.00       567.00       567.00       567.00         8.20         8.00         7.90
7.80         7.70
  4215640.65 |        567.00       567.00       567.00       567.00       567.00         8.00         7.90
7.90         7.80
  4215620.65 |        567.00       567.00       567.00       567.00       567.00       567.00         8.00
8.00         8.00
  4215600.65 |        567.00       567.00       567.00       567.00       567.00       567.00         8.20
8.20         8.20
  4215580.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
8.40         8.40
  4215560.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
8.60         8.60
  4215540.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00         8.80
  4215520.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00         9.00
  4215500.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215480.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215460.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215440.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215420.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215400.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215380.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215360.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215340.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215320.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215300.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215280.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215260.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215240.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215220.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                                * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |      539285.17    539305.17    539325.17    539345.17    539365.17    539385.17    539405.17
539425.17    539445.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	4.80	4.60	4.30	4.10	4.00	3.90	3.90	3.90	3.60
4215980.65	5.00	4.70	4.50	4.20	4.10	4.10	4.00	4.00	3.70
4215960.65	5.20	5.00	4.70	4.40	4.30	4.20	4.10	4.00	3.70
4215940.65	5.50	5.20	4.90	4.60	4.40	4.30	4.20	4.00	3.70
4215920.65	5.70	5.40	5.10	4.90	4.60	4.40	4.20	4.00	3.70
4215900.65	5.90	5.60	5.30	5.10	4.80	4.50	4.30	4.00	3.70
4215880.65	5.90	5.70	5.50	5.30	5.00	4.70	4.50	4.20	3.90
4215860.65	6.00	5.80	5.60	5.50	5.20	5.00	4.70	4.40	4.10
4215840.65	6.00	5.90	5.80	5.70	5.50	5.20	4.90	4.60	4.40
4215820.65	6.00	5.90	5.90	5.80	5.70	5.40	5.10	4.90	4.60
4215800.65	6.00	6.00	6.00	6.00	5.90	5.60	5.30	5.10	4.80
4215780.65	6.30	6.30	6.30	6.30	6.10	5.80	5.60	5.30	5.00
4215760.65	6.50	6.50	6.50	6.50	6.30	6.10	5.80	5.50	5.20
4215740.65	6.70	6.70	6.70	6.70	6.50	6.30	6.00	5.70	5.50
4215720.65	6.90	6.90	6.90	6.90	6.80	6.50	6.20	5.90	5.70
4215700.65	7.10	7.10	7.00	7.00	6.90	6.60	6.30		

6.00 5.80
4215680.65 | 7.30 7.20 7.10 7.00 6.90 6.60 6.30
6.00 5.80
4215660.65 | 7.50 7.40 7.20 7.10 6.90 6.60 6.30
6.00 5.80
4215640.65 | 7.70 7.50 7.30 7.10 6.90 6.60 6.30
6.00 5.80
4215620.65 | 7.90 7.70 7.40 7.10 6.90 6.60 6.30
6.00 5.80
4215600.65 | 8.20 7.90 7.60 7.30 7.10 6.80 6.50
6.20 6.00
4215580.65 | 8.40 8.10 7.80 7.60 7.30 7.00 6.70
6.50 6.20
4215560.65 | 8.60 8.30 8.00 7.80 7.50 7.20 7.00
6.70 6.40
4215540.65 | 8.80 8.50 8.30 8.00 7.70 7.40 7.20
6.90 6.60
4215520.65 | 9.00 8.70 8.50 8.20 7.90 7.70 7.40
7.10 6.80
4215500.65 | 9.00 8.80 8.60 8.40 8.20 7.90 7.60
7.30 7.10
4215480.65 | 567.00 8.80 8.70 8.60 8.40 8.10 7.80
7.60 7.30
4215460.65 | 567.00 8.90 8.80 8.80 8.60 8.30 8.00
7.80 7.50
4215440.65 | 567.00 567.00 9.00 8.90 8.80 8.50 8.30
8.00 7.70
4215420.65 | 567.00 567.00 9.10 9.00 8.90 8.70 8.40
8.20 7.90
4215400.65 | 567.00 567.00 567.00 9.10 8.90 8.70 8.60
8.40 8.20
4215380.65 | 567.00 567.00 567.00 567.00 8.90 8.80 8.70
8.60 8.40
4215360.65 | 567.00 567.00 567.00 567.00 9.00 8.90 8.90
8.80 8.60
4215340.65 | 567.00 567.00 567.00 567.00 567.00 9.00 9.00
9.00 8.80
4215320.65 | 567.00 567.00 567.00 567.00 567.00 9.10 9.10
9.00 8.80
4215300.65 | 567.00 567.00 567.00 567.00 567.00 567.00 9.20
9.00 8.80
4215280.65 | 567.00 567.00 567.00 567.00 567.00 567.00 9.20
9.00 8.80
4215260.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
9.10 8.80
4215240.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 8.90
4215220.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 119.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 539465.17 539485.17 539505.17 539525.17 539545.17 539565.17 539585.17
539605.17 539625.17
- -

4215200.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

4215180.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215160.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215140.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215120.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215100.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215080.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215060.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215040.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215020.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	3.30	3.10	2.80	2.50	2.30
4215980.65	3.50	3.20	2.90	2.70	2.40
4215960.65	3.50	3.20	2.90	2.80	2.60
4215940.65	3.50	3.20	3.00	2.80	2.70
4215920.65	3.50	3.20	3.00	2.90	2.80
4215900.65	3.50	3.20	3.00	3.00	3.00
4215880.65	3.70	3.40	3.20	3.10	3.10
4215860.65	3.90	3.60	3.40	3.30	3.20
4215840.65	4.10	3.80	3.60	3.40	3.20
4215820.65	4.30	4.00	3.80	3.50	3.30
4215800.65	4.50	4.30	4.00	3.70	3.40
4215780.65	4.70	4.50	4.20	3.90	3.70
4215760.65	5.00	4.70	4.40	4.10	3.90
4215740.65	5.20	4.90	4.60	4.40	4.10
4215720.65	5.40	5.10	4.90	4.60	4.30
4215700.65	5.50	5.20	4.90	4.70	4.50
4215680.65	5.50	5.20	5.00	4.80	4.60
4215660.65	5.50	5.20	5.00	4.90	4.70
4215640.65	5.50	5.20	5.00	4.90	4.90
4215620.65	5.50	5.20	5.00	5.00	5.00
4215600.65	5.70	5.40	5.20	5.20	5.20
4215580.65	5.90	5.60	5.40	5.40	5.40
4215560.65	6.10	5.90	5.60	5.60	5.60
4215540.65	6.40	6.10	5.90	5.90	5.90
4215520.65	6.60	6.30	6.10	6.10	6.00
4215500.65	6.80	6.50	6.30	6.20	6.10
4215480.65	7.00	6.70	6.50	6.30	6.20
4215460.65	7.20	7.00	6.70	6.50	6.30
4215440.65	7.40	7.20	6.90	6.60	6.40
4215420.65	7.70	7.40	7.10	6.80	6.60
4215400.65	7.90	7.60	7.30	7.10	6.80
4215380.65	8.10	7.80	7.60	7.30	7.00
4215360.65	8.30	8.00	7.80	7.50	7.20
4215340.65	8.50	8.20	8.00	7.70	7.40

4215320.65	8.50	8.20	8.00	7.70	7.40
4215300.65	8.50	8.20	8.00	7.70	7.40
4215280.65	8.50	8.20	8.00	7.70	7.40
4215260.65	8.50	8.20	8.00	7.70	7.40
4215240.65	8.60	8.30	8.10	7.80	7.50
4215220.65	119.00	8.60	8.30	8.00	7.70

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	119.00	119.00	119.00	119.00	8.00
4215180.65	119.00	119.00	119.00	119.00	119.00
4215160.65	567.00	119.00	119.00	119.00	119.00
4215140.65	567.00	119.00	119.00	119.00	119.00
4215120.65	567.00	567.00	119.00	119.00	119.00
4215100.65	567.00	567.00	548.00	119.00	119.00
4215080.65	567.00	567.00	567.00	119.00	119.00
4215060.65	567.00	567.00	567.00	548.00	119.00
4215040.65	567.00	567.00	567.00	567.00	119.00
4215020.65	567.00	567.00	567.00	567.00	548.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

```
  4215820.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215800.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215780.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215760.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215740.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215720.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215700.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215680.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215660.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215640.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215620.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215600.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215580.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215560.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215540.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215520.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215500.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215480.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215460.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215440.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215420.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215400.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215380.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215360.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215340.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215320.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215300.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215280.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215260.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215240.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215220.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                      ***
  16:32:18

  PAGE 175
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215180.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215160.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215140.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215120.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215100.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215080.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215060.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215040.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215020.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

4215800.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215780.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215760.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215740.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215720.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215700.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215680.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215660.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215640.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215620.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215600.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215580.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215560.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215540.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215520.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215500.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215480.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215460.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215440.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215420.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215400.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215380.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215360.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215340.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215320.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215300.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215280.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215260.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215240.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215220.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215180.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215160.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215140.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215120.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215100.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215080.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215060.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215040.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215020.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215800.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

```
  4215780.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215760.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215740.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215720.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215700.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215680.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215660.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215640.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215620.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215600.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215580.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215560.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215540.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215520.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215500.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215480.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215460.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215440.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215420.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215400.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215380.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215360.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215340.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215320.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215300.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215280.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215260.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215240.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215220.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 179
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *
```

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215180.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215160.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215140.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215120.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215100.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215080.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215060.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215040.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215020.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215800.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215780.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

4215760.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215740.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215720.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215700.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215680.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215660.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215640.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215620.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215600.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215580.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215560.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215540.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215520.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215500.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215480.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215460.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215440.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215420.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215400.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215380.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215360.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215340.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215320.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215300.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215280.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215260.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215240.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215220.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)

```
    (METERS) |     539285.17    539305.17    539325.17    539345.17    539365.17    539385.17    539405.17
539425.17    539445.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215180.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215160.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215140.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215120.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215100.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215080.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215060.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215040.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215020.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE 182
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539465.17    539485.17    539505.17    539525.17    539545.17    539565.17    539585.17
539605.17    539625.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4216000.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215980.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215960.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215940.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215920.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215900.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215880.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215860.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215840.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215820.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215800.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215780.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215760.65 |          1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
```

```
  4215740.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215720.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215700.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215680.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215660.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215640.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215620.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215600.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215580.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215560.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215540.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215520.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215500.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215480.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215460.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215440.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215420.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215400.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215380.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215360.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215340.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215320.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215300.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215280.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215260.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215240.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
  4215220.65 |         1.50         1.50         1.50         1.50         1.50         1.50         1.50
1.50         1.50
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 183
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539465.17    539485.17    539505.17    539525.17    539545.17    539565.17    539585.17
539605.17    539625.17
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50
4215800.65	1.50	1.50	1.50	1.50	1.50
4215780.65	1.50	1.50	1.50	1.50	1.50
4215760.65	1.50	1.50	1.50	1.50	1.50
4215740.65	1.50	1.50	1.50	1.50	1.50
4215720.65	1.50	1.50	1.50	1.50	1.50
4215700.65	1.50	1.50	1.50	1.50	1.50
4215680.65	1.50	1.50	1.50	1.50	1.50
4215660.65	1.50	1.50	1.50	1.50	1.50
4215640.65	1.50	1.50	1.50	1.50	1.50
4215620.65	1.50	1.50	1.50	1.50	1.50
4215600.65	1.50	1.50	1.50	1.50	1.50
4215580.65	1.50	1.50	1.50	1.50	1.50
4215560.65	1.50	1.50	1.50	1.50	1.50
4215540.65	1.50	1.50	1.50	1.50	1.50
4215520.65	1.50	1.50	1.50	1.50	1.50
4215500.65	1.50	1.50	1.50	1.50	1.50
4215480.65	1.50	1.50	1.50	1.50	1.50
4215460.65	1.50	1.50	1.50	1.50	1.50
4215440.65	1.50	1.50	1.50	1.50	1.50

Y-COORD (METERS)	X-COORD (METERS) 539745.17	539765.17	539785.17	539805.17	539825.17
4216000.65	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50
4215800.65	1.50	1.50	1.50	1.50	1.50
4215780.65	1.50	1.50	1.50	1.50	1.50
4215760.65	1.50	1.50	1.50	1.50	1.50
4215740.65	1.50	1.50	1.50	1.50	1.50
4215720.65	1.50	1.50	1.50	1.50	1.50
4215700.65	1.50	1.50	1.50	1.50	1.50
4215680.65	1.50	1.50	1.50	1.50	1.50
4215660.65	1.50	1.50	1.50	1.50	1.50
4215640.65	1.50	1.50	1.50	1.50	1.50
4215620.65	1.50	1.50	1.50	1.50	1.50
4215600.65	1.50	1.50	1.50	1.50	1.50
4215580.65	1.50	1.50	1.50	1.50	1.50
4215560.65	1.50	1.50	1.50	1.50	1.50
4215540.65	1.50	1.50	1.50	1.50	1.50
4215520.65	1.50	1.50	1.50	1.50	1.50
4215500.65	1.50	1.50	1.50	1.50	1.50
4215480.65	1.50	1.50	1.50	1.50	1.50
4215460.65	1.50	1.50	1.50	1.50	1.50
4215440.65	1.50	1.50	1.50	1.50	1.50

4215420.65 |	1.50	1.50	1.50	1.50	1.50
4215400.65 |	1.50	1.50	1.50	1.50	1.50
4215380.65 |	1.50	1.50	1.50	1.50	1.50
4215360.65 |	1.50	1.50	1.50	1.50	1.50
4215340.65 |	1.50	1.50	1.50	1.50	1.50
4215320.65 |	1.50	1.50	1.50	1.50	1.50
4215300.65 |	1.50	1.50	1.50	1.50	1.50
4215280.65 |	1.50	1.50	1.50	1.50	1.50
4215260.65 |	1.50	1.50	1.50	1.50	1.50
4215240.65 |	1.50	1.50	1.50	1.50	1.50
4215220.65 |	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD | (METERS) |	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65 |	1.50	1.50	1.50	1.50	1.50
4215180.65 |	1.50	1.50	1.50	1.50	1.50
4215160.65 |	1.50	1.50	1.50	1.50	1.50
4215140.65 |	1.50	1.50	1.50	1.50	1.50
4215120.65 |	1.50	1.50	1.50	1.50	1.50
4215100.65 |	1.50	1.50	1.50	1.50	1.50
4215080.65 |	1.50	1.50	1.50	1.50	1.50
4215060.65 |	1.50	1.50	1.50	1.50	1.50
4215040.65 |	1.50	1.50	1.50	1.50	1.50
4215020.65 |	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539341.8, 4215428.7, 10.0, 567.0, 1.5); (539351.8, 4215428.7, 10.0, 567.0, 1.5);
(539361.8, 4215428.7, 10.0, 567.0, 1.5); (539371.8, 4215428.7, 10.0, 567.0, 1.5);
(539381.8, 4215428.7, 10.0, 567.0, 1.5); (539341.8, 4215438.7, 10.0, 567.0, 1.5);
(539351.8, 4215438.7, 10.0, 567.0, 1.5); (539361.8, 4215438.7, 10.0, 567.0, 1.5);
(539371.8, 4215438.7, 10.0, 567.0, 1.5); (539381.8, 4215438.7, 10.0, 567.0, 1.5);
(539341.8, 4215448.7, 9.9, 567.0, 1.5); (539351.8, 4215448.7, 9.9, 567.0, 1.5);
(539361.8, 4215448.7, 9.9, 567.0, 1.5); (539371.8, 4215448.7, 9.9, 567.0, 1.5);
(539381.8, 4215448.7, 9.9, 567.0, 1.5); (539341.8, 4215458.7, 9.9, 567.0, 1.5);
(539351.8, 4215458.7, 9.9, 567.0, 1.5); (539361.8, 4215458.7, 9.8, 567.0, 1.5);
(539371.8, 4215458.7, 9.8, 567.0, 1.5); (539381.8, 4215458.7, 9.8, 567.0,

1.5);
 (539341.8, 4215468.7, 9.9, 567.0, 1.5); (539351.8, 4215468.7, 9.8, 567.0,
1.5);
 (539361.8, 4215468.7, 9.8, 567.0, 1.5); (539371.8, 4215468.7, 9.7, 567.0,
1.5);
 (539381.8, 4215468.7, 9.7, 567.0, 1.5); (539113.9, 4215517.5, 11.9, 567.0,
1.5);
 (539096.5, 4215516.0, 12.1, 567.0, 1.5); (539108.3, 4215501.2, 12.1, 567.0,
1.5);
 (539096.0, 4215500.7, 12.3, 567.0, 1.5); (539108.3, 4215486.4, 12.3, 567.0,
1.5);
 (539094.5, 4215485.4, 12.4, 567.0, 1.5); (539135.3, 4215461.4, 12.2, 567.0,
1.5);
 (539150.1, 4215439.9, 12.2, 567.0, 1.5); (539114.4, 4215452.7, 12.6, 567.0,
1.5);
 (539123.1, 4215439.4, 12.6, 567.0, 1.5); (539159.3, 4215421.0, 12.3, 567.0,
1.5);
 (539145.0, 4215416.4, 12.5, 567.0, 1.5); (539134.3, 4215410.8, 12.7, 567.0,
1.5);
 (539131.8, 4215425.1, 12.6, 567.0, 1.5); (539206.8, 4215383.8, 12.0, 567.0,
1.5);
 (539216.0, 4215372.5, 12.0, 567.0, 1.5); (539188.9, 4215382.2, 12.3, 567.0,
1.5);
 (539176.2, 4215379.7, 12.5, 567.0, 1.5); (539165.4, 4215376.1, 12.7, 567.0,
1.5);
 (539248.8, 4215356.7, 11.8, 567.0, 1.5); (539243.5, 4215348.5, 11.9, 567.0,
1.5);
 (539265.6, 4215345.2, 11.7, 567.0, 1.5); (539260.8, 4215338.0, 11.8, 567.0,
1.5);
 (539256.2, 4215351.4, 11.7, 567.0, 1.5); (539272.8, 4215331.9, 11.6, 567.0,
1.5);
 (539264.8, 4215325.0, 11.8, 567.0, 1.5); (539280.8, 4215321.8, 11.6, 567.0,
1.5);
 (539280.0, 4215307.1, 11.7, 567.0, 1.5); (539288.0, 4215313.8, 11.6, 567.0,
1.5);
 (539297.8, 4215304.7, 11.6, 567.0, 1.5); (539289.6, 4215296.2, 11.7, 567.0,
1.5);
 (539311.2, 4215287.7, 11.6, 567.0, 1.5); (539303.7, 4215281.3, 11.7, 567.0,
1.5);
 (539303.7, 4215296.2, 11.6, 567.0, 1.5); (539314.2, 4215271.8, 11.8, 567.0,
1.5);
 (539329.1, 4215260.5, 11.7, 567.0, 1.5); (539339.7, 4215237.2, 11.8, 567.0,
1.5);
 (539357.4, 4215232.9, 11.6, 567.0, 1.5); (539394.1, 4215199.7, 11.5, 567.0,
1.5);
 (539045.0, 4215579.2, 11.4, 567.0, 1.5); (539034.4, 4215591.9, 11.3, 567.0,
1.5);
 (539054.9, 4215556.6, 11.7, 567.0, 1.5); (539058.4, 4215538.9, 11.8, 567.0,
1.5);
 (539054.9, 4215520.5, 12.0, 567.0, 1.5); (539082.4, 4215477.4, 12.5, 567.0,
1.5);
 (539074.0, 4215466.1, 12.6, 567.0, 1.5); (539098.7, 4215440.7, 12.9, 567.0,
1.5);
 (539109.3, 4215426.6, 12.9, 567.0, 1.5); (539117.1, 4215416.0, 12.9, 567.0,
1.5);
 (539125.6, 4215401.1, 13.0, 567.0, 1.5); (539158.8, 4215367.2, 12.9, 567.0,
1.5);
 (539150.3, 4215357.3, 13.1, 567.0, 1.5); (539184.2, 4215339.6, 12.8, 567.0,
1.5);
 (539222.4, 4215324.8, 12.4, 567.0, 1.5); (539243.6, 4215317.7, 12.0, 567.0,
1.5);
 (539371.5, 4215194.0, 11.9, 567.0, 1.5); (539364.4, 4215191.9, 12.0, 567.0,
1.5);
 (539344.6, 4215200.4, 12.2, 567.0, 1.5); (539409.7, 4215113.5, 12.2, 567.0,
1.5);
 (539355.9, 4215136.8, 12.6, 567.0, 1.5); (539262.7, 4215288.8, 11.9, 567.0,
1.5);
 (539282.4, 4215261.2, 11.9, 567.0, 1.5); (539299.4, 4215235.0, 12.1, 567.0,
1.5);

(539168.9, 4215647.8, 9.7, 567.0, 1.5); (538947.7, 4216163.6, 7.0, 567.0, 1.5);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539351.3, 4215796.1, 7.1, 7.1, 1.5); (539367.6, 4215566.8, 8.9, 567.0, 1.5);
(539278.3, 4215504.6, 10.1, 567.0, 1.5); (539297.5, 4215494.1, 10.1, 567.0, 1.5);
(539323.7, 4215486.1, 9.9, 567.0, 1.5); (539342.6, 4215482.8, 9.8, 567.0, 1.5);
(539367.2, 4215481.2, 9.6, 567.0, 1.5); (539397.8, 4215487.9, 9.4, 567.0, 1.5);
(539352.7, 4215556.4, 9.2, 567.0, 1.5); (539337.8, 4215546.0, 9.5, 567.0, 1.5);
(539322.9, 4215535.7, 9.8, 567.0, 1.5); (539308.1, 4215525.3, 10.0, 567.0, 1.5);
(539293.2, 4215515.0, 10.0, 567.0, 1.5); (539287.9, 4215499.4, 10.1, 567.0, 1.5);
(539310.6, 4215490.1, 10.0, 567.0, 1.5); (539354.9, 4215482.0, 9.7, 567.0, 1.5);
(539382.5, 4215484.6, 9.5, 567.0, 1.5); (539391.7, 4215503.7, 9.2, 567.0, 1.5);
(539385.7, 4215519.5, 9.1, 567.0, 1.5); (539379.7, 4215535.2, 9.0, 567.0, 1.5);
(539373.7, 4215551.0, 8.9, 567.0, 1.5);

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001190	539205.2	4216000.6	-1.99
L0001190	539225.2	4216000.6	-5.44
L0001191	539225.2	4215980.6	-7.55
L0001191	539245.2	4215980.6	-8.99
L0001191	539225.2	4216000.6	-18.40
L0001191	539245.2	4216000.6	-21.52
L0001191	539265.2	4216000.6	-1.55
L0001192	539245.2	4215960.6	-13.11
L0001192	539265.2	4215960.6	-11.51
L0001192	539225.2	4215980.6	-0.89
L0001192	539245.2	4215980.6	-19.81
L0001192	539265.2	4215980.6	-17.34
L0001192	539245.2	4216000.6	-3.12
L0001192	539265.2	4216000.6	-2.09
L0001193	539265.2	4215920.6	0.37
L0001193	539245.2	4215940.6	-2.55
L0001193	539265.2	4215940.6	-18.67

L0001193	539285.2	4215940.6	-12.57
L0001193	539245.2	4215960.6	-2.43
L0001193	539265.2	4215960.6	-18.38
L0001193	539285.2	4215960.6	-12.38
L0001193	539265.2	4215980.6	0.69
L0001194	539285.2	4215900.6	-4.72
L0001194	539305.2	4215900.6	0.55
L0001194	539265.2	4215920.6	-6.78
L0001194	539285.2	4215920.6	-24.22
L0001194	539305.2	4215920.6	-11.89
L0001194	539265.2	4215940.6	-2.91
L0001194	539285.2	4215940.6	-14.89
L0001194	539305.2	4215940.6	-7.14
L0001195	539285.2	4215880.6	-1.86
L0001195	539305.2	4215880.6	-9.69
L0001195	539325.2	4215880.6	-1.12
L0001195	539285.2	4215900.6	-10.52
L0001195	539305.2	4215900.6	-29.38
L0001195	539325.2	4215900.6	-9.46
L0001195	539285.2	4215920.6	-2.29
L0001195	539305.2	4215920.6	-10.29
L0001195	539325.2	4215920.6	-1.54
L0001196	539305.2	4215860.6	-7.79

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001196	539325.2	4215860.6	-14.18
L0001196	539345.2	4215860.6	-1.59
L0001196	539305.2	4215880.6	-13.25
L0001196	539325.2	4215880.6	-23.88
L0001196	539345.2	4215880.6	-5.61
L0001196	539305.2	4215900.6	-0.53
L0001196	539325.2	4215900.6	-5.00
L0001197	539325.2	4215840.6	-13.64
L0001197	539345.2	4215840.6	-17.33
L0001197	539365.2	4215840.6	-0.78
L0001197	539325.2	4215860.6	-14.05
L0001197	539345.2	4215860.6	-17.86
L0001197	539365.2	4215860.6	-1.01
L0001197	539345.2	4215880.6	0.57
L0001198	539345.2	4215800.6	-3.00
L0001198	539365.2	4215800.6	-2.48
L0001198	539325.2	4215820.6	-0.23
L0001198	539345.2	4215820.6	-19.28
L0001198	539365.2	4215820.6	-18.02
L0001198	539345.2	4215840.6	-12.64
L0001198	539365.2	4215840.6	-11.84
L0001198	539351.3	4215796.1	0.11
L0001199	539365.2	4215780.6	-8.80
L0001199	539385.2	4215780.6	-5.22
L0001199	539345.2	4215800.6	-4.10
L0001199	539365.2	4215800.6	-24.09
L0001199	539385.2	4215800.6	-15.88
L0001199	539365.2	4215820.6	-9.49
L0001199	539385.2	4215820.6	-5.81
L0001199	539351.3	4215796.1	-9.62

L0001200	539365.2	4215760.6	-2.75
L0001200	539385.2	4215760.6	-14.42
L0001200	539405.2	4215760.6	-6.70
L0001200	539365.2	4215780.6	-7.03
L0001200	539385.2	4215780.6	-24.73
L0001200	539405.2	4215780.6	-11.88
L0001200	539385.2	4215800.6	-5.24
L0001200	539405.2	4215800.6	0.22
L0001201	539405.2	4215720.6	0.41
L0001201	539385.2	4215740.6	-8.25

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001201	539405.2	4215740.6	-19.57
L0001201	539425.2	4215740.6	-6.65
L0001201	539385.2	4215760.6	-8.61
L0001201	539405.2	4215760.6	-20.34
L0001201	539425.2	4215760.6	-6.99
L0001201	539405.2	4215780.6	-0.36
L0001202	539405.2	4215700.6	-0.13
L0001202	539425.2	4215700.6	-4.23
L0001202	539405.2	4215720.6	-13.39
L0001202	539425.2	4215720.6	-23.09
L0001202	539445.2	4215720.6	-5.10
L0001202	539405.2	4215740.6	-8.55
L0001202	539425.2	4215740.6	-14.77
L0001202	539445.2	4215740.6	-1.65
L0001203	539425.2	4215680.6	-6.16
L0001203	539445.2	4215680.6	-8.18
L0001203	539425.2	4215700.6	-17.68
L0001203	539445.2	4215700.6	-22.29
L0001203	539465.2	4215700.6	-2.30
L0001203	539425.2	4215720.6	-6.86
L0001203	539445.2	4215720.6	-8.95
L0001204	539445.2	4215660.6	-12.17
L0001204	539465.2	4215660.6	-10.99
L0001204	539425.2	4215680.6	-0.72
L0001204	539445.2	4215680.6	-19.97
L0001204	539465.2	4215680.6	-18.00
L0001204	539445.2	4215700.6	-3.85
L0001204	539465.2	4215700.6	-3.04
L0001205	539465.2	4215620.6	0.95
L0001205	539445.2	4215640.6	-2.42
L0001205	539465.2	4215640.6	-18.18
L0001205	539485.2	4215640.6	-12.14
L0001205	539445.2	4215660.6	-2.74
L0001205	539465.2	4215660.6	-18.96
L0001205	539485.2	4215660.6	-12.64
L0001205	539465.2	4215680.6	0.08
L0001206	539485.2	4215600.6	-4.45
L0001206	539465.2	4215620.6	-7.21
L0001206	539485.2	4215620.6	-24.14
L0001206	539505.2	4215620.6	-11.30

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001206	539465.2	4215640.6	-3.52
L0001206	539485.2	4215640.6	-15.29
L0001206	539505.2	4215640.6	-6.95
L0001207	539485.2	4215580.6	-2.25
L0001207	539505.2	4215580.6	-9.48
L0001207	539525.2	4215580.6	-0.47
L0001207	539485.2	4215600.6	-11.26
L0001207	539505.2	4215600.6	-28.64
L0001207	539525.2	4215600.6	-8.72
L0001207	539485.2	4215620.6	-2.93
L0001207	539505.2	4215620.6	-10.42
L0001207	539525.2	4215620.6	-1.12
L0001208	539505.2	4215560.6	-9.86
L0001208	539525.2	4215560.6	-14.16
L0001208	539545.2	4215560.6	-0.06
L0001208	539505.2	4215580.6	-15.11
L0001208	539525.2	4215580.6	-21.82
L0001208	539545.2	4215580.6	-3.31
L0001208	539505.2	4215600.6	-1.05
L0001208	539525.2	4215600.6	-3.86
L0001209	539505.2	4215540.6	-12.84
L0001209	539525.2	4215540.6	-16.68
L0001209	539545.2	4215540.6	-0.67
L0001209	539505.2	4215560.6	-14.40
L0001209	539525.2	4215560.6	-18.76
L0001209	539545.2	4215560.6	-1.55
L0001209	539525.2	4215580.6	-0.41
L0001210	539485.2	4215520.6	-14.11
L0001210	539505.2	4215520.6	-13.19
L0001210	539465.2	4215540.6	0.10
L0001210	539485.2	4215540.6	-18.34
L0001210	539505.2	4215540.6	-17.12
L0001210	539485.2	4215560.6	-1.38
L0001210	539505.2	4215560.6	-0.85
L0001211	539445.2	4215500.6	-0.75
L0001211	539465.2	4215500.6	-12.84
L0001211	539485.2	4215500.6	-6.90
L0001211	539445.2	4215520.6	-5.74
L0001211	539465.2	4215520.6	-24.77
L0001211	539485.2	4215520.6	-13.67

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)

L0001211	539465.2	4215540.6	-6.32
L0001211	539485.2	4215540.6	-1.72
L0001212	539425.2	4215480.6	-2.00
L0001212	539445.2	4215480.6	-8.92
L0001212	539465.2	4215480.6	0.09
L0001212	539425.2	4215500.6	-11.48
L0001212	539445.2	4215500.6	-28.16
L0001212	539465.2	4215500.6	-8.45
L0001212	539425.2	4215520.6	-3.50
L0001212	539445.2	4215520.6	-10.95
L0001212	539465.2	4215520.6	-1.30
L0001213	539405.2	4215460.6	0.68
L0001213	539425.2	4215460.6	-0.11
L0001213	539405.2	4215480.6	-15.90
L0001213	539425.2	4215480.6	-17.71
L0001213	539445.2	4215480.6	0.06
L0001213	539405.2	4215500.6	-13.99
L0001213	539425.2	4215500.6	-15.55
L0001213	539397.8	4215487.9	-11.36
L0001213	539391.7	4215503.7	-1.42
L0001214	539365.2	4215460.6	-0.18
L0001214	539385.2	4215460.6	-11.08
L0001214	539405.2	4215460.6	-4.96
L0001214	539365.2	4215480.6	-6.68
L0001214	539385.2	4215480.6	-26.44
L0001214	539405.2	4215480.6	-13.21
L0001214	539385.2	4215500.6	-8.37
L0001214	539405.2	4215500.6	-2.85
L0001214	539371.8	4215458.7	-3.55
L0001214	539381.8	4215458.7	-8.38
L0001214	539361.8	4215468.7	-1.36
L0001214	539371.8	4215468.7	-10.31
L0001214	539381.8	4215468.7	-17.53
L0001214	539367.2	4215481.2	-8.69
L0001214	539397.8	4215487.9	-17.26
L0001214	539382.5	4215484.6	-22.02
L0001214	539391.7	4215503.7	-5.35
L0001215	539345.2	4215460.6	-8.49
L0001215	539365.2	4215460.6	-11.85
L0001215	539345.2	4215480.6	-16.30

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001215	539365.2	4215480.6	-22.62
L0001215	539385.2	4215480.6	-3.14
L0001215	539345.2	4215500.6	-3.30
L0001215	539365.2	4215500.6	-5.92
L0001215	539351.8	4215448.7	-0.41
L0001215	539361.8	4215448.7	-0.98
L0001215	539341.8	4215458.7	-4.86
L0001215	539351.8	4215458.7	-10.03
L0001215	539361.8	4215458.7	-10.88
L0001215	539371.8	4215458.7	-6.92
L0001215	539381.8	4215458.7	-0.01
L0001215	539341.8	4215468.7	-11.15
L0001215	539351.8	4215468.7	-18.94

L0001215	539361.8	4215468.7	-20.56
L0001215	539371.8	4215468.7	-14.00
L0001215	539381.8	4215468.7	-5.04
L0001215	539342.6	4215482.8	-13.18
L0001215	539367.2	4215481.2	-20.50
L0001215	539354.9	4215482.0	-24.21
L0001215	539382.5	4215484.6	-4.97
L0001216	539325.2	4215460.6	-9.39
L0001216	539345.2	4215460.6	-3.94
L0001216	539305.2	4215480.6	-6.34
L0001216	539325.2	4215480.6	-26.34
L0001216	539345.2	4215480.6	-13.64
L0001216	539305.2	4215500.6	0.80
L0001216	539325.2	4215500.6	-9.93
L0001216	539345.2	4215500.6	-4.37
L0001216	539341.8	4215458.7	-4.23
L0001216	539341.8	4215468.7	-12.13
L0001216	539351.8	4215468.7	-3.92
L0001216	539323.7	4215486.1	-22.67
L0001216	539342.6	4215482.8	-16.12
L0001216	539310.6	4215490.1	-9.57
L0001216	539354.9	4215482.0	-3.89
L0001221	538947.7	4216163.6	-10.54
L0001222	538947.7	4216163.6	-5.41
L0001227	538865.2	4216000.6	-0.26
L0001227	538885.2	4216000.6	-14.67
L0001227	538905.2	4216000.6	-10.37

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001228	538885.2	4215960.6	-0.30
L0001228	538905.2	4215960.6	-4.08
L0001228	538885.2	4215980.6	-13.78
L0001228	538905.2	4215980.6	-22.75
L0001228	538925.2	4215980.6	-4.65
L0001228	538885.2	4216000.6	-8.93
L0001228	538905.2	4216000.6	-14.72
L0001228	538925.2	4216000.6	-1.30
L0001229	538885.2	4215940.6	0.98
L0001229	538905.2	4215940.6	-11.69
L0001229	538925.2	4215940.6	-7.39
L0001229	538885.2	4215960.6	-4.26
L0001229	538905.2	4215960.6	-23.82
L0001229	538925.2	4215960.6	-15.37
L0001229	538905.2	4215980.6	-6.73
L0001229	538925.2	4215980.6	-3.22
L0001230	538905.2	4215920.6	-3.63
L0001230	538925.2	4215920.6	-16.71
L0001230	538945.2	4215920.6	-8.59
L0001230	538905.2	4215940.6	-5.97
L0001230	538925.2	4215940.6	-22.35
L0001230	538945.2	4215940.6	-11.55
L0001230	538925.2	4215960.6	-2.78
L0001231	538945.2	4215880.6	-1.51
L0001231	538925.2	4215900.6	-7.98
L0001231	538945.2	4215900.6	-21.51

L0001231	538965.2	4215900.6	-8.56
L0001231	538925.2	4215920.6	-6.64
L0001231	538945.2	4215920.6	-18.47
L0001231	538965.2	4215920.6	-7.18
L0001232	538945.2	4215860.6	-0.19
L0001232	538965.2	4215860.6	-5.87
L0001232	538945.2	4215880.6	-11.88
L0001232	538965.2	4215880.6	-25.36
L0001232	538985.2	4215880.6	-7.30
L0001232	538945.2	4215900.6	-6.16
L0001232	538965.2	4215900.6	-13.83
L0001232	538985.2	4215900.6	-2.52
L0001233	538965.2	4215840.6	-5.35
L0001233	538985.2	4215840.6	-9.83

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001233	538965.2	4215860.6	-14.97
L0001233	538985.2	4215860.6	-24.99
L0001233	539005.2	4215860.6	-5.01
L0001233	538965.2	4215880.6	-4.61
L0001233	538985.2	4215880.6	-8.93
L0001234	538985.2	4215820.6	-10.50
L0001234	539005.2	4215820.6	-13.11
L0001234	538985.2	4215840.6	-16.67
L0001234	539005.2	4215840.6	-20.91
L0001234	539025.2	4215840.6	-1.93
L0001234	538985.2	4215860.6	-2.15
L0001234	539005.2	4215860.6	-3.91
L0001235	539005.2	4215800.6	-15.61
L0001235	539025.2	4215800.6	-15.24
L0001235	539005.2	4215820.6	-16.46
L0001235	539025.2	4215820.6	-16.06
L0001235	539005.2	4215840.6	0.98
L0001236	539025.2	4215760.6	-2.93
L0001236	539045.2	4215760.6	-0.85
L0001236	539005.2	4215780.6	-2.23
L0001236	539025.2	4215780.6	-20.64
L0001236	539045.2	4215780.6	-15.70
L0001236	539005.2	4215800.6	0.44
L0001236	539025.2	4215800.6	-14.41
L0001236	539045.2	4215800.6	-11.03
L0001237	539045.2	4215740.6	-6.98
L0001237	539065.2	4215740.6	-3.27
L0001237	539025.2	4215760.6	-4.50
L0001237	539045.2	4215760.6	-24.11
L0001237	539065.2	4215760.6	-15.18
L0001237	539025.2	4215780.6	0.91
L0001237	539045.2	4215780.6	-11.56
L0001237	539065.2	4215780.6	-7.09
L0001238	539065.2	4215720.6	-10.27
L0001238	539085.2	4215720.6	-5.27
L0001238	539045.2	4215740.6	-5.53
L0001238	539065.2	4215740.6	-25.47
L0001238	539085.2	4215740.6	-14.43
L0001238	539065.2	4215760.6	-8.74

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001239	539065.2	4215700.6	-1.51
L0001239	539085.2	4215700.6	-13.55
L0001239	539105.2	4215700.6	-6.99
L0001239	539065.2	4215720.6	-6.14
L0001239	539085.2	4215720.6	-24.71
L0001239	539105.2	4215720.6	-13.05
L0001239	539085.2	4215740.6	-5.79
L0001239	539105.2	4215740.6	-0.93
L0001240	539085.2	4215680.6	-3.97
L0001240	539105.2	4215680.6	-16.83
L0001240	539125.2	4215680.6	-8.33
L0001240	539085.2	4215700.6	-6.31
L0001240	539105.2	4215700.6	-22.43
L0001240	539125.2	4215700.6	-11.20
L0001240	539105.2	4215720.6	-2.77
L0001241	539125.2	4215640.6	-0.20
L0001241	539105.2	4215660.6	-6.23
L0001241	539125.2	4215660.6	-20.11
L0001241	539145.2	4215660.6	-9.23
L0001241	539105.2	4215680.6	-6.02
L0001241	539125.2	4215680.6	-19.60
L0001241	539145.2	4215680.6	-8.99
L0001241	539125.2	4215700.6	0.31
L0001242	539145.2	4215620.6	-3.40
L0001242	539125.2	4215640.6	-8.23
L0001242	539145.2	4215640.6	-23.37
L0001242	539165.2	4215640.6	-9.64
L0001242	539125.2	4215660.6	-5.29
L0001242	539145.2	4215660.6	-16.56
L0001242	539165.2	4215660.6	-6.52
L0001242	539168.9	4215647.8	-6.98
L0001243	539145.2	4215600.6	0.69
L0001243	539165.2	4215600.6	-6.56
L0001243	539185.2	4215600.6	0.93
L0001243	539145.2	4215620.6	-9.89
L0001243	539165.2	4215620.6	-26.56
L0001243	539185.2	4215620.6	-9.51
L0001243	539145.2	4215640.6	-4.16
L0001243	539165.2	4215640.6	-13.42
L0001243	539185.2	4215640.6	-3.87

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001243	539168.9	4215647.8	-5.97
L0001244	539165.2	4215580.6	-2.15
L0001244	539185.2	4215580.6	-9.61
L0001244	539205.2	4215580.6	-0.74
L0001244	539165.2	4215600.6	-11.00
L0001244	539185.2	4215600.6	-28.92
L0001244	539205.2	4215600.6	-8.98
L0001244	539165.2	4215620.6	-2.67
L0001244	539185.2	4215620.6	-10.33
L0001244	539205.2	4215620.6	-1.23
L0001245	539185.2	4215560.6	-4.22
L0001245	539205.2	4215560.6	-12.20
L0001245	539225.2	4215560.6	-2.27
L0001245	539185.2	4215580.6	-11.16
L0001245	539205.2	4215580.6	-27.38
L0001245	539225.2	4215580.6	-8.57
L0001245	539185.2	4215600.6	-0.92
L0001245	539205.2	4215600.6	-7.69
L0001245	539225.2	4215600.6	0.82
L0001246	539205.2	4215540.6	-6.18
L0001246	539225.2	4215540.6	-14.79
L0001246	539245.2	4215540.6	-3.63
L0001246	539205.2	4215560.6	-10.96
L0001246	539225.2	4215560.6	-24.85
L0001246	539245.2	4215560.6	-7.85
L0001246	539205.2	4215580.6	0.95
L0001246	539225.2	4215580.6	-5.06
L0001247	539225.2	4215520.6	-8.00
L0001247	539245.2	4215520.6	-17.35
L0001247	539265.2	4215520.6	-4.78
L0001247	539225.2	4215540.6	-10.40
L0001247	539245.2	4215540.6	-22.25
L0001247	539265.2	4215540.6	-6.84
L0001247	539245.2	4215560.6	-2.42
L0001248	539265.2	4215480.6	-0.04
L0001248	539245.2	4215500.6	-9.63
L0001248	539265.2	4215500.6	-19.88
L0001248	539285.2	4215500.6	-5.70
L0001248	539245.2	4215520.6	-9.51
L0001248	539265.2	4215520.6	-19.63

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001248	539285.2	4215520.6	-5.60
L0001248	539265.2	4215540.6	0.22
L0001248	539278.3	4215504.6	-13.61
L0001248	539293.2	4215515.0	0.51
L0001248	539287.9	4215499.4	-2.70
L0001249	539265.2	4215480.6	-5.20
L0001249	539285.2	4215480.6	-17.58
L0001249	539305.2	4215480.6	-7.77
L0001249	539265.2	4215500.6	-7.15

L0001249	539285.2	4215500.6	-22.17
L0001249	539305.2	4215500.6	-9.97
L0001249	539285.2	4215520.6	-2.27
L0001249	539278.3	4215504.6	-15.60
L0001249	539297.5	4215494.1	-19.10
L0001249	539293.2	4215515.0	-7.04
L0001249	539287.9	4215499.4	-23.47
L0001249	539310.6	4215490.1	-5.92
L0001272	539205.2	4216000.6	-5.18
L0001272	539225.2	4216000.6	-12.12
L0001272	539245.2	4216000.6	-1.30
L0001273	539225.2	4215980.6	-10.91
L0001273	539245.2	4215980.6	-15.93
L0001273	539265.2	4215980.6	-1.16
L0001273	539225.2	4216000.6	-14.11
L0001273	539245.2	4216000.6	-20.72
L0001273	539265.2	4216000.6	-3.17
L0001274	539245.2	4215940.6	0.00
L0001274	539265.2	4215940.6	-0.63
L0001274	539245.2	4215960.6	-16.48
L0001274	539265.2	4215960.6	-17.95
L0001274	539285.2	4215960.6	0.13
L0001274	539245.2	4215980.6	-13.70
L0001274	539265.2	4215980.6	-14.90
L0001275	539265.2	4215920.6	-5.67
L0001275	539285.2	4215920.6	-3.87
L0001275	539245.2	4215940.6	-2.10
L0001275	539265.2	4215940.6	-21.68
L0001275	539285.2	4215940.6	-17.34
L0001275	539265.2	4215960.6	-11.38
L0001275	539285.2	4215960.6	-9.07

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001276	539265.2	4215900.6	0.53
L0001276	539285.2	4215900.6	-11.25
L0001276	539305.2	4215900.6	-6.09
L0001276	539265.2	4215920.6	-5.42
L0001276	539285.2	4215920.6	-25.14
L0001276	539305.2	4215920.6	-14.39
L0001276	539285.2	4215940.6	-7.73
L0001276	539305.2	4215940.6	-3.24
L0001277	539285.2	4215880.6	-4.88
L0001277	539305.2	4215880.6	-16.60
L0001277	539325.2	4215880.6	-7.02
L0001277	539285.2	4215900.6	-7.69
L0001277	539305.2	4215900.6	-23.20
L0001277	539325.2	4215900.6	-10.12
L0001277	539305.2	4215920.6	-3.29
L0001278	539325.2	4215840.6	-1.47
L0001278	539305.2	4215860.6	-10.04
L0001278	539325.2	4215860.6	-21.32
L0001278	539345.2	4215860.6	-6.48
L0001278	539305.2	4215880.6	-8.55
L0001278	539325.2	4215880.6	-18.29
L0001278	539345.2	4215880.6	-5.21

L0001279	539325.2	4215820.6	-2.12
L0001279	539345.2	4215820.6	-5.84
L0001279	539325.2	4215840.6	-14.72
L0001279	539345.2	4215840.6	-23.71
L0001279	539365.2	4215840.6	-4.58
L0001279	539325.2	4215860.6	-7.86
L0001279	539345.2	4215860.6	-12.79
L0001279	539365.2	4215860.6	0.04
L0001280	539345.2	4215800.6	-7.95
L0001280	539365.2	4215800.6	-9.48
L0001280	539345.2	4215820.6	-18.29
L0001280	539365.2	4215820.6	-21.52
L0001280	539385.2	4215820.6	-1.59
L0001280	539345.2	4215840.6	-5.75
L0001280	539365.2	4215840.6	-7.13
L0001280	539351.3	4215796.1	-6.04
L0001281	539365.2	4215780.6	-13.78
L0001281	539385.2	4215780.6	-11.93

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LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001281	539345.2	4215800.6	-0.93
L0001281	539365.2	4215800.6	-19.58
L0001281	539385.2	4215800.6	-16.87
L0001281	539365.2	4215820.6	-2.53
L0001281	539385.2	4215820.6	-1.39
L0001281	539351.3	4215796.1	-7.66
L0001282	539385.2	4215740.6	-0.54
L0001282	539365.2	4215760.6	-3.25
L0001282	539385.2	4215760.6	-19.61
L0001282	539405.2	4215760.6	-12.67
L0001282	539365.2	4215780.6	-2.50
L0001282	539385.2	4215780.6	-17.82
L0001282	539405.2	4215780.6	-11.54
L0001283	539405.2	4215720.6	-5.79
L0001283	539425.2	4215720.6	0.12
L0001283	539385.2	4215740.6	-7.64
L0001283	539405.2	4215740.6	-25.42
L0001283	539425.2	4215740.6	-11.50
L0001283	539385.2	4215760.6	-2.88
L0001283	539405.2	4215760.6	-13.99
L0001283	539425.2	4215760.6	-5.97
L0001284	539405.2	4215700.6	-3.12
L0001284	539425.2	4215700.6	-10.70
L0001284	539445.2	4215700.6	-1.32
L0001284	539405.2	4215720.6	-11.23
L0001284	539425.2	4215720.6	-28.54
L0001284	539445.2	4215720.6	-8.73
L0001284	539405.2	4215740.6	-2.03
L0001284	539425.2	4215740.6	-9.21
L0001284	539445.2	4215740.6	-0.29
L0001285	539425.2	4215680.6	-8.82
L0001285	539445.2	4215680.6	-14.93
L0001285	539465.2	4215680.6	-1.61
L0001285	539425.2	4215700.6	-13.48
L0001285	539445.2	4215700.6	-22.82

L0001285	539465.2	4215700.6	-4.89
L0001285	539425.2	4215720.6	-0.04
L0001285	539445.2	4215720.6	-3.99
L0001286	539465.2	4215640.6	0.51
L0001286	539445.2	4215660.6	-14.43

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001286	539465.2	4215660.6	-17.76
L0001286	539485.2	4215660.6	-0.72
L0001286	539445.2	4215680.6	-13.82
L0001286	539465.2	4215680.6	-16.99
L0001286	539485.2	4215680.6	-0.39
L0001287	539465.2	4215620.6	-3.72
L0001287	539485.2	4215620.6	-3.04
L0001287	539445.2	4215640.6	-0.53
L0001287	539465.2	4215640.6	-19.78
L0001287	539485.2	4215640.6	-18.14
L0001287	539465.2	4215660.6	-12.15
L0001287	539485.2	4215660.6	-11.16
L0001288	539485.2	4215600.6	-9.36
L0001288	539505.2	4215600.6	-5.69
L0001288	539465.2	4215620.6	-4.12
L0001288	539485.2	4215620.6	-24.11
L0001288	539505.2	4215620.6	-15.87
L0001288	539485.2	4215640.6	-8.94
L0001288	539505.2	4215640.6	-5.33
L0001289	539485.2	4215580.6	-2.87
L0001289	539505.2	4215580.6	-14.84
L0001289	539525.2	4215580.6	-7.12
L0001289	539485.2	4215600.6	-6.77
L0001289	539505.2	4215600.6	-24.26
L0001289	539525.2	4215600.6	-11.92
L0001289	539505.2	4215620.6	-4.77
L0001289	539525.2	4215620.6	0.50
L0001290	539525.2	4215540.6	0.06
L0001290	539505.2	4215560.6	-8.11
L0001290	539525.2	4215560.6	-19.93
L0001290	539545.2	4215560.6	-7.11
L0001290	539505.2	4215580.6	-8.16
L0001290	539525.2	4215580.6	-20.02
L0001290	539545.2	4215580.6	-7.15
L0001290	539525.2	4215600.6	-0.03
L0001291	539525.2	4215520.6	-0.53
L0001291	539505.2	4215540.6	-9.60
L0001291	539525.2	4215540.6	-20.40
L0001291	539545.2	4215540.6	-6.15
L0001291	539505.2	4215560.6	-9.03

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001291	539525.2	4215560.6	-19.23
L0001291	539545.2	4215560.6	-5.66
L0001291	539525.2	4215580.6	0.66
L0001292	539485.2	4215520.6	-11.13
L0001292	539505.2	4215520.6	-13.43
L0001292	539485.2	4215540.6	-16.76
L0001292	539505.2	4215540.6	-20.33
L0001292	539525.2	4215540.6	-1.50
L0001292	539485.2	4215560.6	-1.81
L0001292	539505.2	4215560.6	-3.30
L0001293	539465.2	4215500.6	-10.20
L0001293	539485.2	4215500.6	-7.02
L0001293	539445.2	4215520.6	-3.36
L0001293	539465.2	4215520.6	-23.26
L0001293	539485.2	4215520.6	-16.52
L0001293	539465.2	4215540.6	-7.65
L0001293	539485.2	4215540.6	-4.79
L0001294	539425.2	4215480.6	0.92
L0001294	539445.2	4215480.6	-7.74
L0001294	539465.2	4215480.6	-1.11
L0001294	539425.2	4215500.6	-8.37
L0001294	539445.2	4215500.6	-27.32
L0001294	539465.2	4215500.6	-11.38
L0001294	539425.2	4215520.6	-2.07
L0001294	539445.2	4215520.6	-12.13
L0001294	539465.2	4215520.6	-4.33
L0001295	539425.2	4215460.6	-0.50
L0001295	539405.2	4215480.6	-12.63
L0001295	539425.2	4215480.6	-19.58
L0001295	539445.2	4215480.6	-3.24
L0001295	539405.2	4215500.6	-11.55
L0001295	539425.2	4215500.6	-17.87
L0001295	539445.2	4215500.6	-2.53
L0001295	539397.8	4215487.9	-7.70
L0001296	539385.2	4215460.6	-9.57
L0001296	539405.2	4215460.6	-6.32
L0001296	539365.2	4215480.6	-3.57
L0001296	539385.2	4215480.6	-23.54
L0001296	539405.2	4215480.6	-16.40
L0001296	539385.2	4215500.6	-8.40

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001296	539405.2	4215500.6	-5.30
L0001296	539371.8	4215458.7	-0.92
L0001296	539381.8	4215458.7	-6.54
L0001296	539371.8	4215468.7	-7.22
L0001296	539381.8	4215468.7	-15.04

L0001296	539367.2	4215481.2	-5.61
L0001296	539397.8	4215487.9	-19.96
L0001296	539382.5	4215484.6	-19.83
L0001296	539391.7	4215503.7	-6.33
L0001297	539345.2	4215460.6	-5.66
L0001297	539365.2	4215460.6	-11.95
L0001297	539385.2	4215460.6	-0.68
L0001297	539345.2	4215480.6	-13.18
L0001297	539365.2	4215480.6	-25.96
L0001297	539385.2	4215480.6	-6.55
L0001297	539345.2	4215500.6	-2.18
L0001297	539365.2	4215500.6	-7.47
L0001297	539361.8	4215448.7	-0.31
L0001297	539341.8	4215458.7	-1.94
L0001297	539351.8	4215458.7	-7.92
L0001297	539361.8	4215458.7	-10.31
L0001297	539371.8	4215458.7	-7.91
L0001297	539381.8	4215458.7	-1.93
L0001297	539341.8	4215468.7	-7.78
L0001297	539351.8	4215468.7	-16.08
L0001297	539361.8	4215468.7	-20.31
L0001297	539371.8	4215468.7	-16.07
L0001297	539381.8	4215468.7	-7.77
L0001297	539342.6	4215482.8	-10.20
L0001297	539367.2	4215481.2	-23.89
L0001297	539354.9	4215482.0	-22.14
L0001297	539382.5	4215484.6	-8.41
L0001298	539325.2	4215460.6	-9.05
L0001298	539345.2	4215460.6	-6.30
L0001298	539305.2	4215480.6	-3.06
L0001298	539325.2	4215480.6	-23.05
L0001298	539345.2	4215480.6	-16.93
L0001298	539325.2	4215500.6	-8.60
L0001298	539345.2	4215500.6	-5.90
L0001298	539341.8	4215458.7	-6.20

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001298	539351.8	4215458.7	-0.65
L0001298	539341.8	4215468.7	-14.77
L0001298	539351.8	4215468.7	-7.05
L0001298	539323.7	4215486.1	-19.80
L0001298	539342.6	4215482.8	-19.27
L0001298	539310.6	4215490.1	-6.38
L0001298	539354.9	4215482.0	-7.15
L0001299	539305.2	4215460.6	-2.74
L0001299	539285.2	4215480.6	-10.74
L0001299	539305.2	4215480.6	-22.51
L0001299	539325.2	4215480.6	-6.73
L0001299	539285.2	4215500.6	-8.00
L0001299	539305.2	4215500.6	-16.99
L0001299	539325.2	4215500.6	-4.41
L0001299	539278.3	4215504.6	-0.05
L0001299	539297.5	4215494.1	-21.62
L0001299	539323.7	4215486.1	-9.30
L0001299	539293.2	4215515.0	-1.08

L0001299	539287.9	4215499.4	-10.94
L0001299	539310.6	4215490.1	-22.11
L0001300	539325.2	4215580.6	-3.97
L0001300	539305.2	4215600.6	-11.34
L0001300	539325.2	4215600.6	-23.63
L0001300	539345.2	4215600.6	-6.91
L0001300	539305.2	4215620.6	-7.39
L0001300	539325.2	4215620.6	-15.73
L0001300	539345.2	4215620.6	-3.61
L0001301	539305.2	4215560.6	0.27
L0001301	539285.2	4215580.6	-14.23
L0001301	539305.2	4215580.6	-18.10
L0001301	539325.2	4215580.6	-1.11
L0001301	539285.2	4215600.6	-13.45
L0001301	539305.2	4215600.6	-17.08
L0001301	539325.2	4215600.6	-0.67
L0001302	539245.2	4215560.6	0.49
L0001302	539265.2	4215560.6	-15.07
L0001302	539285.2	4215560.6	-12.21
L0001302	539245.2	4215580.6	-1.41
L0001302	539265.2	4215580.6	-19.48
L0001302	539285.2	4215580.6	-15.71

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0001302	539265.2	4215600.6	-1.74
L0001302	539285.2	4215600.6	-0.13
L0001303	539225.2	4215540.6	-2.07
L0001303	539245.2	4215540.6	-13.98
L0001303	539265.2	4215540.6	-6.90
L0001303	539225.2	4215560.6	-6.52
L0001303	539245.2	4215560.6	-24.72
L0001303	539265.2	4215560.6	-12.54
L0001303	539245.2	4215580.6	-5.52
L0001303	539265.2	4215580.6	-0.40
L0001304	539245.2	4215520.6	-7.44
L0001304	539265.2	4215520.6	-16.23
L0001304	539285.2	4215520.6	-4.11
L0001304	539245.2	4215540.6	-10.91
L0001304	539265.2	4215540.6	-23.29
L0001304	539285.2	4215540.6	-7.06
L0001304	539265.2	4215560.6	-3.53
L0001305	539265.2	4215500.6	-4.47
L0001305	539285.2	4215500.6	-15.40
L0001305	539305.2	4215500.6	-6.02
L0001305	539265.2	4215520.6	-8.34
L0001305	539285.2	4215520.6	-24.47
L0001305	539305.2	4215520.6	-10.19
L0001305	539285.2	4215540.6	-4.54
L0001305	539278.3	4215504.6	-16.81
L0001305	539297.5	4215494.1	-6.01
L0001305	539308.1	4215525.3	-5.84
L0001305	539293.2	4215515.0	-22.96
L0001305	539287.9	4215499.4	-14.06

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54,   3.09,   5.14,   8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: ..\NOVATO OPS NO2_1HR_JULY 2025\NOVATO OPS NO2_1HR_JULY 2025.SFC Met Version: 18081
Profile file: ..\NOVATO OPS NO2_1HR_JULY 2025\NOVATO OPS NO2_1HR_JULY 2025.PFL
Surface format: FREE

Profile format: FREE

Surface station no.: 72040 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	275.1	2.0
13	01	01	1	02	-5.0	0.090	-9.000	-9.000	-999.	65.	13.4	0.03	1.38	1.00	1.50	178.	10.0	276.1	2.0
13	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	276.1	2.0
13	01	01	1	04	-8.1	0.111	-9.000	-9.000	-999.	89.	15.6	0.01	1.38	1.00	2.10	23.	10.0	276.1	2.0
13	01	01	1	05	-11.1	0.137	-9.000	-9.000	-999.	122.	21.3	0.04	1.38	1.00	2.10	93.	10.0	276.1	2.0

```
 13 01 01   1 06  -15.6  0.162 -9.000 -9.000 -999.  156.     28.8  0.03   1.38   1.00    2.60  192.   10.0  276.1
2.0
 13 01 01   1 07  -12.7  0.140 -9.000 -9.000 -999.  126.     21.7  0.01   1.38   1.00    2.60  345.   10.0  274.1
2.0
 13 01 01   1 08 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0
 13 01 01   1 09 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   0.40    0.00    0.   10.0  275.1
2.0
 13 01 01   1 10   47.4 -9.000 -9.000 -9.000  123. -999. -99999.0  0.02   1.38   0.27    0.00    0.   10.0  279.1
2.0
 13 01 01   1 11   90.7  0.161  0.901  0.005  295.  155.     -4.2  0.01   1.38   0.22    2.10   74.   10.0  281.1
2.0
 13 01 01   1 12  115.7  0.364  1.360  0.008  796.  527.    -38.1  0.01   1.38   0.21    5.70   46.   10.0  283.1
2.0
 13 01 01   1 13  120.9  0.398  1.443  0.008  908.  602.    -47.6  0.04   1.38   0.20    5.10   93.   10.0  285.1
2.0
 13 01 01   1 14  105.4  0.230  1.394  0.007  940.  286.    -10.6  0.04   1.38   0.21    2.60  129.   10.0  285.1
2.0
 13 01 01   1 15   71.0  0.323  1.231  0.006  961.  441.    -43.5  0.01   1.38   0.24    5.10   72.   10.0  286.1
2.0
 13 01 01   1 16   20.1  0.172  0.811  0.006  967.  188.    -23.2  0.04   1.38   0.33    2.10  114.   10.0  286.1
2.0
 13 01 01   1 17   -9.2  0.130 -9.000 -9.000 -999.  112.     21.6  0.03   1.38   0.56    2.10  231.   10.0  282.1
2.0
 13 01 01   1 18  -15.5  0.162 -9.000 -9.000 -999.  156.     28.9  0.03   1.38   1.00    2.60  247.   10.0  281.1
2.0
 13 01 01   1 19  -10.0  0.129 -9.000 -9.000 -999.  111.     19.4  0.03   1.38   1.00    2.10  214.   10.0  279.1
2.0
 13 01 01   1 20  -20.2  0.195 -9.000 -9.000 -999.  207.     41.9  0.03   1.38   1.00    3.10  187.   10.0  277.1
2.0
 13 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  275.1
2.0
 13 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1 -999.  -99.00   275.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                          ***
  16:32:18

  PAGE 208
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                  INCLUDING SOURCE(S):     L0001168    , L0001169    , L0001170    , L0001171    ,
L0001172    ,
                 L0001173    , L0001174    , L0001175    , L0001176    , L0001177    , L0001178    , L0001179    ,
L0001180    ,
                 L0001181    , L0001182    , L0001183    , L0001184    , L0001185    , L0001186    , L0001187    ,
L0001188    ,
                 L0001189    , L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    ,
. . .      ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
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(METERS)	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	0.01814	0.01847	0.01878	0.01929	0.02019	0.02220	0.02424	0.02461	0.02630
4215980.65	0.01634	0.01679	0.01725	0.01782	0.01873	0.02051	0.02480	0.02785	0.02592
4215960.65	0.01484	0.01539	0.01592	0.01655	0.01743	0.01896	0.02215	0.02154	0.02442
4215940.65	0.01360	0.01419	0.01477	0.01542	0.01626	0.01757	0.01994	0.02196	0.02265
4215920.65	0.01255	0.01316	0.01376	0.01441	0.01521	0.01634	0.01815	0.02147	0.02407
4215900.65	0.01166	0.01226	0.01286	0.01351	0.01426	0.01526	0.01670	0.01900	0.02317
4215880.65	0.01089	0.01148	0.01207	0.01271	0.01342	0.01431	0.01552	0.01724	0.01997
4215860.65	0.01023	0.01079	0.01137	0.01198	0.01266	0.01347	0.01451	0.01590	0.01790
4215840.65	0.00964	0.01019	0.01074	0.01133	0.01197	0.01273	0.01364	0.01481	0.01637
4215820.65	0.00912	0.00964	0.01018	0.01074	0.01136	0.01206	0.01288	0.01389	0.01517
4215800.65	0.00866	0.00916	0.00968	0.01021	0.01080	0.01145	0.01220	0.01310	0.01419
4215780.65	0.00825	0.00873	0.00921	0.00973	0.01027	0.01089	0.01158	0.01238	0.01333
4215760.65	0.00789	0.00833	0.00881	0.00929	0.00981	0.01038	0.01101	0.01175	0.01261
4215740.65	0.00756	0.00799	0.00843	0.00889	0.00938	0.00991	0.01051	0.01119	0.01196
4215720.65	0.00726	0.00766	0.00808	0.00852	0.00899	0.00950	0.01005	0.01067	0.01139
4215700.65	0.00698	0.00736	0.00777	0.00818	0.00863	0.00911	0.00963	0.01022	0.01088
4215680.65	0.00672	0.00710	0.00747	0.00788	0.00831	0.00876	0.00925	0.00980	0.01042
4215660.65	0.00650	0.00684	0.00721	0.00759	0.00800	0.00843	0.00890	0.00942	0.00999
4215640.65	0.00628	0.00661	0.00696	0.00733	0.00772	0.00813	0.00858	0.00907	0.00961
4215620.65	0.00608	0.00640	0.00673	0.00708	0.00745	0.00785	0.00827	0.00874	0.00925
4215600.65	0.00589	0.00620	0.00652	0.00685	0.00720	0.00758	0.00799	0.00844	0.00893
4215580.65	0.00571	0.00600	0.00632	0.00664	0.00699	0.00735	0.00774	0.00816	0.00862
4215560.65	0.00554	0.00582	0.00612	0.00644	0.00677	0.00712	0.00749	0.00790	0.00834
4215540.65	0.00538	0.00565	0.00594	0.00624	0.00656	0.00690	0.00726	0.00765	0.00809
4215520.65	0.00523	0.00549	0.00577	0.00606	0.00636	0.00669	0.00703	0.00741	0.00783
4215500.65	0.00508	0.00533	0.00560	0.00588	0.00618	0.00649	0.00683	0.00719	0.00759
4215480.65	0.00494	0.00518	0.00544	0.00571	0.00599	0.00630	0.00662	0.00697	0.00735
4215460.65	0.00480	0.00503	0.00528	0.00554	0.00581	0.00610	0.00641	0.00675	0.00710
4215440.65	0.00466	0.00488	0.00512	0.00537	0.00563	0.00591	0.00621	0.00652	0.00686
4215420.65	0.00452	0.00473	0.00496	0.00519	0.00544	0.00571	0.00599	0.00630	0.00661
4215400.65	0.00438	0.00458	0.00480	0.00502	0.00526	0.00551	0.00578	0.00607	0.00636
4215380.65	0.00424	0.00443	0.00464	0.00485	0.00508	0.00532	0.00557	0.00584	0.00612

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  4215360.65 |       0.00411      0.00429      0.00448      0.00469      0.00490      0.00513      0.00537
0.00562      0.00589
  4215340.65 |       0.00398      0.00415      0.00433      0.00453      0.00473      0.00495      0.00518
0.00542      0.00567
  4215320.65 |       0.00385      0.00402      0.00419      0.00438      0.00457      0.00478      0.00500
0.00523      0.00547
  4215300.65 |       0.00374      0.00389      0.00406      0.00424      0.00442      0.00462      0.00483
0.00505      0.00529
  4215280.65 |       0.00362      0.00378      0.00394      0.00411      0.00429      0.00448      0.00468
0.00489      0.00512
  4215260.65 |       0.00352      0.00367      0.00383      0.00399      0.00416      0.00434      0.00453
0.00474      0.00495
  4215240.65 |       0.00342      0.00357      0.00372      0.00388      0.00405      0.00422      0.00440
0.00460      0.00480
  4215220.65 |       0.00334      0.00348      0.00362      0.00378      0.00394      0.00411      0.00428
0.00447      0.00467
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 209
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     L0001168    , L0001169    , L0001170    , L0001171    ,
L0001172    ,
               L0001173    , L0001174    , L0001175    , L0001176    , L0001177    , L0001178    , L0001179    ,
L0001180    ,
               L0001181    , L0001182    , L0001183    , L0001184    , L0001185    , L0001186    , L0001187    ,
L0001188    ,
               L0001189    , L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    ,
. . .       ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF NO2      IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538745.17    538765.17    538785.17    538805.17    538825.17    538845.17    538865.17
538885.17    538905.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.00326      0.00339      0.00354      0.00369      0.00384      0.00400      0.00417
0.00435      0.00453
  4215180.65 |       0.00318      0.00331      0.00345      0.00360      0.00374      0.00390      0.00406
0.00422      0.00440
  4215160.65 |       0.00311      0.00323      0.00337      0.00351      0.00365      0.00380      0.00395
0.00410      0.00426
  4215140.65 |       0.00304      0.00316      0.00329      0.00342      0.00355      0.00369      0.00384
0.00398      0.00413
  4215120.65 |       0.00297      0.00309      0.00321      0.00333      0.00346      0.00359      0.00372
0.00386      0.00401
  4215100.65 |       0.00290      0.00301      0.00312      0.00324      0.00336      0.00349      0.00361
0.00375      0.00388
  4215080.65 |       0.00283      0.00294      0.00305      0.00316      0.00327      0.00339      0.00351
0.00364      0.00377
  4215060.65 |       0.00277      0.00286      0.00297      0.00307      0.00318      0.00329      0.00341
0.00353      0.00366
  4215040.65 |       0.00270      0.00279      0.00289      0.00299      0.00309      0.00320      0.00331
0.00343      0.00355
  4215020.65 |       0.00263      0.00272      0.00282      0.00291      0.00301      0.00311      0.00322
0.00334      0.00346
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001168 , L0001169 , L0001170 , L0001171 , L0001172 ,
L0001173 , L0001174 , L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 ,
L0001181 , L0001182 , L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 ,
L0001189 , L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	0.02894	0.02753	0.02479	0.02350	0.02296	0.02293	0.02338	0.02430	0.02581
4215980.65	0.02487	0.02859	0.02496	0.02329	0.02252	0.02231	0.02258	0.02327	0.02446
4215960.65	0.02529	0.03180	0.02603	0.02358	0.02242	0.02195	0.02200	0.02249	0.02341
4215940.65	0.02419	0.02846	0.02866	0.02451	0.02269	0.02188	0.02168	0.02194	0.02263
4215920.65	0.02339	0.02335	0.02648	0.02660	0.02350	0.02214	0.02162	0.02163	0.02208
4215900.65	0.02566	0.02363	0.02263	0.02502	0.02516	0.02283	0.02185	0.02156	0.02176
4215880.65	0.02503	0.02180	0.02382	0.02205	0.02856	0.02420	0.02245	0.02176	0.02170
4215860.65	0.02107	0.02312	0.02206	0.02391	0.02162	0.02682	0.02361	0.02230	0.02188
4215840.65	0.01861	0.02238	0.02429	0.02228	0.02397	0.02652	0.02571	0.02331	0.02239
4215820.65	0.01689	0.01944	0.02401	0.02557	0.02247	0.02783	0.02974	0.02510	0.02333
4215800.65	0.01559	0.01751	0.02046	0.02610	0.02319	0.02266	0.02731	0.02840	0.02496
4215780.65	0.01452	0.01607	0.01822	0.02174	0.02469	0.02439	0.02299	0.02693	0.02788
4215760.65	0.01364	0.01493	0.01665	0.01911	0.02335	0.02134	0.02386	0.02341	0.02692
4215740.65	0.01288	0.01401	0.01543	0.01734	0.02015	0.02518	0.02229	0.02432	0.02402
4215720.65	0.01222	0.01322	0.01444	0.01600	0.01814	0.02134	0.02706	0.02335	0.02494
4215700.65	0.01164	0.01254	0.01361	0.01496	0.01668	0.01904	0.02258	0.02495	0.02456
4215680.65	0.01112	0.01193	0.01291	0.01408	0.01554	0.01743	0.02001	0.02399	0.02663
4215660.65	0.01065	0.01140	0.01228	0.01333	0.01460	0.01621	0.01827	0.02114	0.02567
4215640.65	0.01022	0.01092	0.01172	0.01267	0.01381	0.01522	0.01697	0.01926	0.02251
4215620.65	0.00983	0.01048	0.01122	0.01209	0.01313	0.01438	0.01590	0.01784	0.02043
4215600.65	0.00947	0.01008	0.01077	0.01158	0.01253	0.01366	0.01502	0.01671	0.01890
4215580.65	0.00914	0.00972	0.01037	0.01112	0.01199	0.01303	0.01426	0.01577	0.01768

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001168 , L0001169 , L0001170 , L0001171 , L0001172 ,
L0001173 , L0001174 , L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 ,
L0001181 , L0001182 , L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 ,
L0001189 , L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4215560.65	0.00883	0.00938	0.01000	0.01070	0.01151	0.01247	0.01360	0.01497	0.01667
4215540.65	0.00855	0.00907	0.00965	0.01032	0.01108	0.01198	0.01302	0.01427	0.01582
4215520.65	0.00828	0.00878	0.00934	0.00996	0.01068	0.01152	0.01250	0.01366	0.01507
4215500.65	0.00802	0.00850	0.00903	0.00963	0.01031	0.01109	0.01200	0.01308	0.01438
4215480.65	0.00776	0.00822	0.00873	0.00929	0.00994	0.01067	0.01152	0.01252	0.01372
4215460.65	0.00749	0.00792	0.00840	0.00895	0.00956	0.01025	0.01103	0.01195	0.01304
4215440.65	0.00723	0.00762	0.00807	0.00858	0.00917	0.00982	0.01054	0.01138	0.01236
4215420.65	0.00695	0.00732	0.00774	0.00820	0.00873	0.00938	0.01005	0.01081	0.01170
4215400.65	0.00668	0.00703	0.00742	0.00785	0.00834	0.00896	0.00957	0.01027	0.01108
4215380.65	0.00642	0.00674	0.00711	0.00752	0.00797	0.00848	0.00903	0.00967	0.01040
4215360.65	0.00617	0.00648	0.00682	0.00721	0.00764	0.00811	0.00863	0.00922	0.00989
4215340.65	0.00594	0.00624	0.00656	0.00693	0.00733	0.00778	0.00826	0.00880	0.00941
4215320.65	0.00573	0.00602	0.00633	0.00668	0.00705	0.00747	0.00792	0.00842	0.00898
4215300.65	0.00554	0.00581	0.00611	0.00643	0.00679	0.00718	0.00759	0.00805	0.00856
4215280.65	0.00536	0.00562	0.00590	0.00621	0.00654	0.00689	0.00727	0.00769	0.00817
4215260.65	0.00519	0.00544	0.00570	0.00599	0.00629	0.00662	0.00697	0.00736	0.00780
4215240.65	0.00503	0.00526	0.00551	0.00577	0.00605	0.00635	0.00668	0.00706	0.00747
4215220.65	0.00487	0.00509	0.00532	0.00556	0.00582	0.00610	0.00642	0.00677	0.00716
4215200.65	0.00472	0.00492	0.00513	0.00536	0.00560	0.00587	0.00617	0.00650	0.00687
4215180.65	0.00457	0.00476	0.00496	0.00517	0.00540	0.00565	0.00593	0.00625	0.00661

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001168 , L0001169 , L0001170 , L0001171 , L0001172 ,
L0001173 , L0001174 , L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 ,
L0001181 , L0001182 , L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 ,
L0001189 , L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	0.02806	0.03137	0.03639	0.04446	0.05946	0.06782	0.05699	0.05927	0.04826
4215980.65	0.02625	0.02885	0.03267	0.03850	0.04832	0.06741	0.05726	0.05738	0.05783
4215960.65	0.02484	0.02691	0.02990	0.03429	0.04116	0.05303	0.07797	0.06118	0.05675
4215940.65	0.02376	0.02542	0.02779	0.03120	0.03631	0.04444	0.05909	0.06770	0.06257
4215920.65	0.02295	0.02428	0.02619	0.02889	0.03283	0.03877	0.04844	0.06682	0.05374
4215900.65	0.02240	0.02345	0.02499	0.02717	0.03028	0.03480	0.04167	0.05333	0.07523
4215880.65	0.02209	0.02289	0.02414	0.02591	0.02842	0.03196	0.03716	0.04519	0.05940
4215860.65	0.02203	0.02259	0.02358	0.02504	0.02707	0.02992	0.03396	0.03992	0.04949
4215840.65	0.02222	0.02256	0.02330	0.02449	0.02617	0.02849	0.03172	0.03633	0.04334
4215820.65	0.02274	0.02279	0.02331	0.02426	0.02563	0.02756	0.03019	0.03388	0.03930
4215800.65	0.02367	0.02335	0.02362	0.02433	0.02546	0.02706	0.02927	0.03230	0.03663
4215780.65	0.02523	0.02432	0.02425	0.02473	0.02564	0.02699	0.02886	0.03142	0.03501

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  4215760.65 |       0.02790      0.02586      0.02530      0.02550      0.02620      0.02734      0.02896
0.03120      0.03428
  4215740.65 |       0.02732      0.02838      0.02691      0.02672      0.02721      0.02819      0.02964
0.03165      0.03438
  4215720.65 |       0.02496      0.03300      0.02940      0.02851      0.02873      0.02959      0.03095
0.03284      0.03540
  4215700.65 |       0.02585      0.02634      0.03364      0.03111      0.03087      0.03164      0.03302
0.03494      0.03754
  4215680.65 |       0.02611      0.02723      0.03263      0.03519      0.03384      0.03446      0.03603
0.03825      0.04114
  4215660.65 |       0.02874      0.02818      0.02924      0.03480      0.03813      0.03825      0.04022
0.04314      0.04687
  4215640.65 |       0.02778      0.02642      0.03091      0.03229      0.03860      0.04341      0.04585
0.05026      0.05592
  4215620.65 |       0.02421      0.03047      0.02906      0.03477      0.03710      0.04542      0.05346
0.06059      0.07065
  4215600.65 |       0.02190      0.02638      0.03024      0.03273      0.03563      0.04549      0.05904
0.07617      0.08336
  4215580.65 |       0.02022      0.02378      0.02918      0.03407      0.03820      0.04503      0.06446
0.07525      0.09543
  4215560.65 |       0.01888      0.02188      0.02612      0.03276      0.03954      0.04757      0.05858
0.07726      0.10411
  4215540.65 |       0.01778      0.02039      0.02394      0.02917      0.03761      0.04772      0.05598
0.07241      0.11434
  4215520.65 |       0.01685      0.01915      0.02224      0.02659      0.03313      0.04418      0.06008
0.07503      0.10127
  4215500.65 |       0.01600      0.01807      0.02079      0.02451      0.02981      0.03813      0.05275
0.07343      0.09444
  4215480.65 |       0.01518      0.01704      0.01944      0.02260      0.02702      0.03356      0.04387
0.06099      0.07918
  4215460.65 |       0.01436      0.01602      0.01811      0.02082      0.02451      0.02975      0.03746
0.04911      0.06768
  4215440.65 |       0.01355      0.01501      0.01683      0.01918      0.02230      0.02656      0.03250
0.04125      0.05490
  4215420.65 |       0.01277      0.01408      0.01568      0.01772      0.02036      0.02384      0.02866
0.03564      0.04618
  4215400.65 |       0.01204      0.01321      0.01464      0.01641      0.01866      0.02160      0.02564
0.03139      0.03961
  4215380.65 |       0.01127      0.01242      0.01369      0.01524      0.01719      0.01974      0.02321
0.02800      0.03445
  4215360.65 |       0.01068      0.01161      0.01284      0.01420      0.01593      0.01819      0.02119
0.02516      0.03026
  4215340.65 |       0.01011      0.01096      0.01206      0.01330      0.01486      0.01686      0.01944
0.02275      0.02681
  4215320.65 |       0.00961      0.01036      0.01125      0.01249      0.01392      0.01571      0.01796
0.02072      0.02395
  4215300.65 |       0.00914      0.00982      0.01064      0.01163      0.01307      0.01468      0.01663
0.01895      0.02157
  4215280.65 |       0.00871      0.00933      0.01009      0.01100      0.01232      0.01376      0.01546
0.01740      0.01953
  4215260.65 |       0.00831      0.00890      0.00960      0.01043      0.01148      0.01293      0.01439
0.01605      0.01780
  4215240.65 |       0.00795      0.00851      0.00916      0.00993      0.01088      0.01217      0.01344
0.01484      0.01631
  4215220.65 |       0.00761      0.00814      0.00875      0.00947      0.01033      0.01146      0.01258
0.01378      0.01501
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   *** NOVATO OPERATIONAL NO2 ANNUAL                                        ***
  16:32:18

  PAGE 213
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                  INCLUDING SOURCE(S):     L0001168    , L0001169    , L0001170    , L0001171    ,
L0001172    ,
                L0001173    , L0001174    , L0001175    , L0001176    , L0001177    , L0001178    , L0001179    ,
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L0001180   ,
                L0001181   , L0001182   , L0001183   , L0001184   , L0001185   , L0001186   , L0001187   ,
L0001188   ,
                L0001189   , L0001190   , L0001191   , L0001192   , L0001193   , L0001194   , L0001195   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
 -
- - - - - - - -

  4215200.65 | 0.00730   0.00780   0.00838   0.00905   0.00983   0.01082   0.01180
0.01283   0.01389
  4215180.65 | 0.00702   0.00749   0.00803   0.00865   0.00936   0.01014   0.01109
0.01199   0.01290
  4215160.65 | 0.00676   0.00720   0.00771   0.00828   0.00892   0.00962   0.01045
0.01124   0.01202
  4215140.65 | 0.00651   0.00694   0.00741   0.00794   0.00852   0.00914   0.00979
0.01055   0.01125
  4215120.65 | 0.00628   0.00668   0.00713   0.00762   0.00814   0.00870   0.00927
0.00988   0.01055
  4215100.65 | 0.00606   0.00645   0.00686   0.00731   0.00779   0.00828   0.00880
0.00934   0.00989
  4215080.65 | 0.00586   0.00622   0.00661   0.00702   0.00745   0.00790   0.00837
0.00885   0.00934
  4215060.65 | 0.00567   0.00601   0.00637   0.00675   0.00714   0.00755   0.00797
0.00840   0.00885
  4215040.65 | 0.00549   0.00581   0.00614   0.00649   0.00685   0.00722   0.00760
0.00799   0.00839
  4215020.65 | 0.00532   0.00561   0.00592   0.00624   0.00657   0.00690   0.00725
0.00761   0.00798

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION   VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                  INCLUDING SOURCE(S):   L0001168   , L0001169   , L0001170   , L0001171   ,
L0001172   ,
                L0001173   , L0001174   , L0001175   , L0001176   , L0001177   , L0001178   , L0001179   ,
L0001180   ,
                L0001181   , L0001182   , L0001183   , L0001184   , L0001185   , L0001186   , L0001187   ,
L0001188   ,
                L0001189   , L0001190   , L0001191   , L0001192   , L0001193   , L0001194   , L0001195   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539285.17   539305.17   539325.17   539345.17   539365.17   539385.17   539405.17
539425.17   539445.17
 -
- - - - - - - -

  4216000.65 | 0.06571   0.04856   0.03919   0.03325   0.02913   0.02612   0.02379
0.02192   0.02035
  4215980.65 | 0.08899   0.05925   0.04544   0.03746   0.03222   0.02851   0.02574
0.02354   0.02173

4215960.65	0.07395	0.07691	0.05428	0.04295	0.03605	0.03140	0.02802	0.02541	0.02330
4215940.65	0.05548	0.06925	0.06814	0.05049	0.04096	0.03493	0.03073	0.02759	0.02510
4215920.65	0.06559	0.05379	0.06550	0.06161	0.04751	0.03938	0.03402	0.03016	0.02718
4215900.65	0.05649	0.04449	0.05407	0.07999	0.05673	0.04517	0.03809	0.03324	0.02962
4215880.65	0.06734	0.05888	0.06391	0.05221	0.07101	0.05302	0.04327	0.03699	0.03249
4215860.65	0.06754	0.07531	0.06092	0.06104	0.06875	0.06450	0.05011	0.04168	0.03596
4215840.65	0.05509	0.07881	0.08179	0.06233	0.05807	0.08318	0.05966	0.04774	0.04022
4215820.65	0.04765	0.06238	0.07531	0.09001	0.06291	0.07644	0.07435	0.05592	0.04561
4215800.65	0.04300	0.05311	0.07202	0.06072	0.06845	0.06476	0.07439	0.06782	0.05269
4215780.65	0.04007	0.04764	0.06002	0.08457	0.06572	0.06915	0.06363	0.08704	0.06253
4215760.65	0.03852	0.04455	0.05353	0.06864	0.07779	0.07026	0.06861	0.08104	0.07745
4215740.65	0.03811	0.04321	0.05032	0.06090	0.07952	0.08600	0.07409	0.06680	0.07409
4215720.65	0.03885	0.04342	0.04948	0.05763	0.06977	0.09269	0.07278	0.07400	0.06401
4215700.65	0.04092	0.04531	0.05084	0.05759	0.06622	0.07972	0.08676	0.07555	0.07580
4215680.65	0.04480	0.04938	0.05483	0.06072	0.06692	0.07495	0.09036	0.07800	0.07599
4215660.65	0.05144	0.05688	0.06277	0.06782	0.07157	0.07535	0.08239	0.10147	0.08153
4215640.65	0.06276	0.07125	0.07918	0.08124	0.08065	0.07976	0.08081	0.08852	0.09325
4215620.65	0.08365	0.08491	0.08638	0.08932	0.09494	0.08789	0.08337	0.08422	0.09559
4215600.65	0.08643	0.09552	0.10276	0.11538	0.11532	0.10030	0.08946	0.08493	0.08838
4215580.65	0.11578	0.14498	0.14652	0.17052	0.14591	0.11778	0.09861	0.08903	0.08804
4215560.65	0.17139	0.21333	0.25179	0.25214	0.19278	0.13966	0.10931	0.09560	0.09359
4215540.65	0.19024	0.35182	0.48754	0.40891	0.24947	0.15904	0.11976	0.10661	0.11040
4215520.65	0.17727	0.47568	0.80168	0.58939	0.27018	0.16870	0.13578	0.10684	0.07713
4215500.65	0.14940	0.36682	0.71797	0.58919	0.26442	0.14966	0.09375	0.07962	0.08023
4215480.65	0.12467	0.19841	0.35706	0.34492	0.19447	0.11428	0.08253	0.07399	0.06106
4215460.65	0.10010	0.15934	0.21160	0.21146	0.15908	0.12145	0.07415	0.07448	0.08216
4215440.65	0.07726	0.11275	0.15322	0.16889	0.14970	0.11702	0.09108	0.07345	0.06167
4215420.65	0.06198	0.08344	0.10485	0.11465	0.10782	0.09067	0.07330	0.06001	0.05074
4215400.65	0.05096	0.06468	0.07744	0.08416	0.08207	0.07312	0.06181	0.05173	0.04399
4215380.65	0.04269	0.05193	0.06022	0.06504	0.06488	0.06019	0.05300	0.04556	0.03918
4215360.65	0.03636	0.04286	0.04861	0.05225	0.05281	0.05035	0.04579	0.04046	0.03538
4215340.65	0.03142	0.03615	0.04037	0.04320	0.04404	0.04278	0.03989	0.03609	0.03212
4215320.65	0.02750	0.03110	0.03426	0.03651	0.03738	0.03682	0.03497	0.03228	0.02924
4215300.65	0.02435	0.02713	0.02960	0.03140	0.03226	0.03207	0.03089	0.02899	0.02667
4215280.65	0.02177	0.02397	0.02593	0.02741	0.02821	0.02823	0.02748		

0.02613   0.02437
 4215260.65 | 0.01962   0.02139   0.02298   0.02422   0.02496   0.02509   0.02463
0.02366   0.02233
 4215240.65 | 0.01781   0.01927   0.02057   0.02163   0.02229   0.02248   0.02221
0.02153   0.02051
 4215220.65 | 0.01627   0.01748   0.01858   0.01947   0.02006   0.02030   0.02016
0.01967   0.01890

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001168 , L0001169 , L0001170 , L0001171 , L0001172 ,
L0001173 , L0001174 , L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 ,
L0001181 , L0001182 , L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 ,
L0001189 , L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	0.01495	0.01597	0.01690	0.01767	0.01819	0.01844	0.01839	0.01805	0.01746
4215180.65	0.01381	0.01468	0.01548	0.01613	0.01661	0.01686	0.01686	0.01663	0.01617
4215160.65	0.01281	0.01356	0.01424	0.01482	0.01524	0.01549	0.01553	0.01537	0.01503
4215140.65	0.01193	0.01259	0.01318	0.01369	0.01406	0.01429	0.01436	0.01426	0.01400
4215120.65	0.01116	0.01173	0.01226	0.01270	0.01304	0.01325	0.01333	0.01328	0.01308
4215100.65	0.01047	0.01098	0.01144	0.01183	0.01213	0.01233	0.01242	0.01239	0.01225
4215080.65	0.00983	0.01030	0.01071	0.01106	0.01133	0.01152	0.01161	0.01160	0.01150
4215060.65	0.00928	0.00970	0.01006	0.01037	0.01062	0.01079	0.01089	0.01090	0.01082
4215040.65	0.00879	0.00916	0.00948	0.00976	0.00998	0.01014	0.01024	0.01026	0.01020
4215020.65	0.00834	0.00867	0.00897	0.00921	0.00941	0.00956	0.00965	0.00968	0.00964

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001168 , L0001169 , L0001170 , L0001171 , L0001172 ,
L0001173 , L0001174 , L0001175 , L0001176 , L0001177 , L0001178 , L0001179 ,

L0001180 ,
L0001181 , L0001182 , L0001183 , L0001184 , L0001185 , L0001186 , L0001187 ,
L0001188 ,
L0001189 , L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	0.01898	0.01777	0.01665	0.01562	0.01466	0.01375	0.01290	0.01209	0.01130
4215980.65	0.02017	0.01879	0.01755	0.01640	0.01533	0.01434	0.01340	0.01252	0.01167
4215960.65	0.02151	0.01995	0.01854	0.01725	0.01607	0.01497	0.01394	0.01297	0.01206
4215940.65	0.02303	0.02124	0.01964	0.01818	0.01686	0.01564	0.01451	0.01345	0.01246
4215920.65	0.02476	0.02268	0.02085	0.01922	0.01773	0.01637	0.01512	0.01397	0.01289
4215900.65	0.02673	0.02431	0.02221	0.02035	0.01868	0.01716	0.01578	0.01451	0.01335
4215880.65	0.02901	0.02615	0.02373	0.02162	0.01973	0.01804	0.01651	0.01511	0.01385
4215860.65	0.03168	0.02828	0.02544	0.02302	0.02089	0.01900	0.01730	0.01576	0.01438
4215840.65	0.03486	0.03074	0.02741	0.02461	0.02219	0.02006	0.01816	0.01646	0.01495
4215820.65	0.03871	0.03363	0.02966	0.02640	0.02364	0.02123	0.01910	0.01722	0.01554
4215800.65	0.04348	0.03711	0.03230	0.02847	0.02528	0.02253	0.02013	0.01803	0.01617
4215780.65	0.04967	0.04140	0.03546	0.03088	0.02715	0.02399	0.02127	0.01889	0.01684
4215760.65	0.05795	0.04678	0.03927	0.03371	0.02930	0.02564	0.02251	0.01982	0.01752
4215740.65	0.06987	0.05382	0.04399	0.03710	0.03181	0.02749	0.02386	0.02079	0.01823
4215720.65	0.08910	0.06356	0.05005	0.04124	0.03476	0.02959	0.02533	0.02181	0.01893
4215700.65	0.06268	0.07834	0.05820	0.04646	0.03829	0.03198	0.02690	0.02284	0.01961
4215680.65	0.07367	0.10166	0.07000	0.05331	0.04260	0.03468	0.02856	0.02385	0.02024
4215660.65	0.07460	0.08903	0.08904	0.06277	0.04800	0.03777	0.03029	0.02483	0.02079
4215640.65	0.08225	0.07212	0.08256	0.07719	0.05503	0.04128	0.03203	0.02569	0.02119
4215620.65	0.07766	0.08454	0.06876	0.07307	0.06468	0.04520	0.03363	0.02631	0.02137
4215600.65	0.10609	0.08123	0.08696	0.06319	0.07867	0.04925	0.03480	0.02655	0.02126
4215580.65	0.09724	0.10372	0.09198	0.05219	0.06497	0.05196	0.03495	0.02620	0.02082
4215560.65	0.10270	0.10335	0.07106	0.07028	0.04602	0.05105	0.03380	0.02529	0.02012
4215540.65	0.07840	0.07732	0.07917	0.08784	0.05783	0.04664	0.03173	0.02404	0.01928
4215520.65	0.07350	0.06755	0.08700	0.09513	0.06302	0.04115	0.02943	0.02270	0.01840
4215500.65	0.06287	0.07903	0.08795	0.06678	0.04955	0.03622	0.02722	0.02142	0.01754
4215480.65	0.07221	0.07712	0.06267	0.05112	0.04081	0.03197	0.02511		

0.02019   0.01671

Y-COORD (METERS)									
4215460.65	0.06808	0.05741	0.04897	0.04150	0.03460	0.02837	0.02311	0.01900	0.01591
4215440.65	0.05301	0.04608	0.04022	0.03494	0.02995	0.02533	0.02124	0.01783	0.01512
4215420.65	0.04408	0.03877	0.03427	0.03021	0.02638	0.02280	0.01955	0.01671	0.01436
4215400.65	0.03823	0.03375	0.03002	0.02670	0.02362	0.02073	0.01805	0.01567	0.01362
4215380.65	0.03414	0.03018	0.02692	0.02406	0.02145	0.01901	0.01676	0.01473	0.01294
4215360.65	0.03102	0.02748	0.02455	0.02201	0.01971	0.01761	0.01566	0.01389	0.01231
4215340.65	0.02846	0.02533	0.02268	0.02037	0.01832	0.01644	0.01472	0.01315	0.01174
4215320.65	0.02623	0.02351	0.02112	0.01902	0.01716	0.01547	0.01392	0.01251	0.01124
4215300.65	0.02424	0.02192	0.01979	0.01789	0.01618	0.01464	0.01323	0.01195	0.01079
4215280.65	0.02243	0.02047	0.01861	0.01689	0.01534	0.01392	0.01263	0.01146	0.01039
4215260.65	0.02077	0.01914	0.01753	0.01600	0.01459	0.01329	0.01210	0.01101	0.01002
4215240.65	0.01927	0.01792	0.01654	0.01519	0.01391	0.01272	0.01162	0.01061	0.00969
4215220.65	0.01791	0.01679	0.01561	0.01442	0.01327	0.01219	0.01118	0.01024	0.00938

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001168 , L0001169 , L0001170 , L0001171 , L0001172 ,
L0001173 , L0001174 , L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 ,
L0001181 , L0001182 , L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 ,
L0001189 , L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	0.01667	0.01575	0.01474	0.01371	0.01268	0.01170	0.01077	0.00990	0.00910
4215180.65	0.01554	0.01478	0.01393	0.01303	0.01212	0.01123	0.01038	0.00958	0.00883
4215160.65	0.01452	0.01389	0.01317	0.01239	0.01159	0.01079	0.01001	0.00927	0.00857
4215140.65	0.01359	0.01307	0.01246	0.01179	0.01108	0.01037	0.00966	0.00898	0.00833
4215120.65	0.01275	0.01232	0.01180	0.01122	0.01060	0.00996	0.00932	0.00869	0.00809
4215100.65	0.01199	0.01163	0.01119	0.01068	0.01014	0.00957	0.00899	0.00842	0.00787
4215080.65	0.01129	0.01099	0.01062	0.01018	0.00970	0.00919	0.00867		

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001168 , L0001169 , L0001170 , L0001171 , L0001172 ,
L0001173 , L0001174 , L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 ,
L0001181 , L0001182 , L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 ,
L0001189 , L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	0.01057	0.00988	0.00924	0.00864	0.00810
4215980.65	0.01089	0.01015	0.00947	0.00885	0.00827
4215960.65	0.01121	0.01043	0.00970	0.00905	0.00845
4215940.65	0.01156	0.01072	0.00995	0.00926	0.00863
4215920.65	0.01192	0.01102	0.01020	0.00947	0.00881
4215900.65	0.01229	0.01133	0.01047	0.00970	0.00901
4215880.65	0.01270	0.01167	0.01075	0.00993	0.00920
4215860.65	0.01314	0.01202	0.01104	0.01017	0.00940
4215840.65	0.01359	0.01239	0.01134	0.01041	0.00959
4215820.65	0.01407	0.01277	0.01164	0.01065	0.00978
4215800.65	0.01456	0.01316	0.01195	0.01089	0.00997
4215780.65	0.01506	0.01355	0.01225	0.01112	0.01015
4215760.65	0.01558	0.01393	0.01253	0.01134	0.01031
4215740.65	0.01609	0.01430	0.01280	0.01153	0.01044
4215720.65	0.01658	0.01464	0.01304	0.01169	0.01054
4215700.65	0.01703	0.01494	0.01322	0.01179	0.01058
4215680.65	0.01741	0.01516	0.01334	0.01183	0.01057
4215660.65	0.01770	0.01529	0.01336	0.01180	0.01050
4215640.65	0.01785	0.01530	0.01329	0.01168	0.01038
4215620.65	0.01782	0.01516	0.01311	0.01150	0.01020
4215600.65	0.01759	0.01490	0.01287	0.01128	0.01000
4215580.65	0.01717	0.01454	0.01256	0.01102	0.00979
4215560.65	0.01664	0.01413	0.01223	0.01075	0.00956
4215540.65	0.01604	0.01368	0.01188	0.01048	0.00934
4215520.65	0.01541	0.01321	0.01152	0.01019	0.00910
4215500.65	0.01479	0.01274	0.01115	0.00989	0.00886
4215480.65	0.01418	0.01227	0.01078	0.00958	0.00860
4215460.65	0.01358	0.01180	0.01040	0.00928	0.00835
4215440.65	0.01301	0.01135	0.01004	0.00897	0.00809
4215420.65	0.01245	0.01092	0.00968	0.00868	0.00784
4215400.65	0.01191	0.01050	0.00935	0.00839	0.00760
4215380.65	0.01140	0.01011	0.00903	0.00813	0.00737
4215360.65	0.01093	0.00974	0.00873	0.00788	0.00716
4215340.65	0.01049	0.00940	0.00846	0.00765	0.00696

```
  4215320.65 |       0.01010      0.00909      0.00821      0.00744      0.00678
  4215300.65 |       0.00974      0.00881      0.00798      0.00725      0.00662
  4215280.65 |       0.00942      0.00855      0.00777      0.00708      0.00647
  4215260.65 |       0.00912      0.00831      0.00757      0.00692      0.00634
  4215240.65 |       0.00885      0.00808      0.00739      0.00677      0.00621
  4215220.65 |       0.00859      0.00787      0.00722      0.00663      0.00609
```



```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                 INCLUDING SOURCE(S):     L0001168    , L0001169    , L0001170    , L0001171    ,
L0001172    ,
                L0001173    , L0001174    , L0001175    , L0001176    , L0001177    , L0001178    , L0001179    ,
L0001180    ,
                L0001181    , L0001182    , L0001183    , L0001184    , L0001185    , L0001186    , L0001187    ,
L0001188    ,
                L0001189    , L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF NO2      IN MICROGRAMS/M**3                         **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539645.17    539665.17    539685.17    539705.17    539725.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.00836      0.00768      0.00706      0.00649      0.00598
  4215180.65 |       0.00813      0.00749      0.00690      0.00637      0.00588
  4215160.65 |       0.00792      0.00732      0.00676      0.00625      0.00578
  4215140.65 |       0.00772      0.00715      0.00662      0.00613      0.00569
  4215120.65 |       0.00752      0.00699      0.00649      0.00602      0.00559
  4215100.65 |       0.00733      0.00683      0.00635      0.00591      0.00550
  4215080.65 |       0.00715      0.00667      0.00623      0.00581      0.00541
  4215060.65 |       0.00696      0.00652      0.00610      0.00570      0.00532
  4215040.65 |       0.00678      0.00637      0.00597      0.00559      0.00524
  4215020.65 |       0.00660      0.00622      0.00584      0.00549      0.00515
```



```
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  ARM2  URBAN  ADJ_U*

                  *** THE ANNUAL AVERAGE CONCENTRATION    VALUES AVERAGED OVER   5 YEARS FOR SOURCE GROUP: ALL
***
                                 INCLUDING SOURCE(S):     L0001168    , L0001169    , L0001170    , L0001171    ,
L0001172    ,
                L0001173    , L0001174    , L0001175    , L0001176    , L0001177    , L0001178    , L0001179    ,
L0001180    ,
                L0001181    , L0001182    , L0001183    , L0001184    , L0001185    , L0001186    , L0001187    ,
L0001188    ,
                L0001189    , L0001190    , L0001191    , L0001192    , L0001193    , L0001194    , L0001195    ,
. . .       ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF NO2      IN MICROGRAMS/M**3                         **

      X-COORD (M)   Y-COORD (M)        CONC                      X-COORD (M)   Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
```

- - - - - - -

539341.84	4215428.70	0.13218	539351.84	4215428.70	0.13120
539361.84	4215428.70	0.12492	539371.84	4215428.70	0.11500
539381.84	4215428.70	0.10353	539341.84	4215438.70	0.16193
539351.84	4215438.70	0.15918	539361.84	4215438.70	0.14891
539371.84	4215438.70	0.13422	539381.84	4215438.70	0.11864
539341.84	4215448.70	0.20469	539351.84	4215448.70	0.17532
539361.84	4215448.70	0.15378	539371.84	4215448.70	0.16022
539381.84	4215448.70	0.13936	539341.84	4215458.70	0.20585
539351.84	4215458.70	0.21159	539361.84	4215458.70	0.18133
539371.84	4215458.70	0.13109	539381.84	4215458.70	0.10532
539341.84	4215468.70	0.26374	539351.84	4215468.70	0.23265
539361.84	4215468.70	0.19349	539371.84	4215468.70	0.14280
539381.84	4215468.70	0.11214	539113.88	4215517.52	0.01762
539096.52	4215515.99	0.01583	539108.26	4215501.18	0.01631
539096.01	4215500.67	0.01521	539108.26	4215486.38	0.01569
539094.47	4215485.36	0.01453	539135.32	4215461.36	0.01705
539150.13	4215439.91	0.01731	539114.39	4215452.68	0.01472
539123.07	4215439.40	0.01478	539159.32	4215421.02	0.01710
539145.02	4215416.43	0.01544	539134.30	4215410.81	0.01429
539131.75	4215425.11	0.01478	539206.80	4215383.75	0.02026
539215.99	4215372.52	0.02072	539188.93	4215382.22	0.01773
539176.17	4215379.67	0.01619	539165.44	4215376.09	0.01501
539248.79	4215356.71	0.02546	539243.45	4215348.45	0.02331
539265.58	4215345.25	0.02764	539260.78	4215338.05	0.02549
539256.25	4215351.38	0.02643	539272.77	4215331.92	0.02702
539264.78	4215324.99	0.02446	539280.77	4215321.79	0.02690
539279.97	4215307.14	0.02451	539287.97	4215313.80	0.02682
539297.83	4215304.74	0.02682	539289.56	4215296.21	0.02433
539311.15	4215287.68	0.02567	539303.69	4215281.28	0.02390
539303.69	4215296.21	0.02618	539314.25	4215271.79	0.02361
539329.09	4215260.48	0.02324	539339.69	4215237.16	0.02097
539357.36	4215232.92	0.02118	539394.11	4215199.70	0.01838
539044.99	4215579.21	0.01419	539034.39	4215591.93	0.01394
539054.88	4215556.59	0.01409	539058.42	4215538.92	0.01377

539054.88	4215520.55	0.01303	539082.44	4215477.44	0.01344
539073.96	4215466.13	0.01257	539098.70	4215440.69	0.01314
539109.30	4215426.56	0.01325	539117.07	4215415.96	0.01332
539125.55	4215401.11	0.01326	539158.77	4215367.19	0.01404
539150.29	4215357.30	0.01302	539184.21	4215339.63	0.01472
539222.37	4215324.79	0.01790	539243.58	4215317.72	0.02022

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL ARM2 URBAN ADJ_U*

*** THE ANNUAL AVERAGE CONCENTRATION VALUES AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001168 , L0001169 , L0001170 , L0001171 , L0001172 ,
L0001173 , L0001174 , L0001175 , L0001176 , L0001177 , L0001178 , L0001179 , L0001180 ,
L0001181 , L0001182 , L0001183 , L0001184 , L0001185 , L0001186 , L0001187 , L0001188 ,
L0001189 , L0001190 , L0001191 , L0001192 , L0001193 , L0001194 , L0001195 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.01775	539364.42	4215191.93	0.01746
539344.64	4215200.41	0.01763	539409.65	4215113.48	0.01299
539355.94	4215136.80	0.01370	539262.66	4215288.75	0.02001
539282.44	4215261.19	0.01942	539299.41	4215235.04	0.01835
539168.92	4215647.77	0.03207	538947.70	4216163.58	0.03901
539351.30	4215796.06	0.06190	539367.62	4215566.76	0.17057
539278.26	4215504.64	0.12785	539297.51	4215494.11	0.21093
539323.66	4215486.12	0.40547	539342.55	4215482.85	0.38495
539367.23	4215481.23	0.18115	539397.77	4215487.94	0.09663
539352.73	4215556.41	0.25344	539337.83	4215546.05	0.39305
539322.94	4215535.70	0.60493	539308.05	4215525.35	0.49504
539293.15	4215514.99	0.30170	539287.89	4215499.38	0.16163
539310.58	4215490.12	0.29617	539354.89	4215482.04	0.27522
539382.50	4215484.59	0.12113	539391.74	4215503.70	0.11824
539385.71	4215519.47	0.16774	539379.68	4215535.23	0.18154
539373.65	4215551.00	0.18580			

*** THE SUMMARY OF MAXIMUM ANNUAL RESULTS AVERAGED OVER 5 YEARS ***

** CONC OF NO2 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.80168	AT (539325.17, 4215520.65, 9.90, 567.00, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	0.71797	AT (539325.17, 4215500.65, 9.90, 567.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	0.60493	AT (539322.94, 4215535.70, 9.80, 567.00, 1.50)	DC	
	4TH HIGHEST VALUE IS	0.58939	AT (539345.17, 4215520.65, 9.60, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	0.58919	AT (539345.17, 4215500.65, 9.70, 567.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	0.49504	AT (539308.05, 4215525.35, 10.00, 567.00, 1.50)	DC	
	7TH HIGHEST VALUE IS	0.48754	AT (539325.17, 4215540.65, 9.70, 567.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	0.47568	AT (539305.17, 4215520.65, 10.00, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	0.40891	AT (539345.17, 4215540.65, 9.40, 567.00, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	0.40547	AT (539323.66, 4215486.12, 9.94, 567.00, 1.50)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** Message Summary : AERMOD Model Execution ***

--------- Summary of Total Messages --------

A Total of 0 Fatal Error Message(s)
A Total of 2 Warning Message(s)
A Total of 22066 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 12563 Calm Hours Identified

A Total of 9503 Missing Hours Identified (21.67 Percent)

CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!
Data May Not Be Acceptable for Regulatory Applications.

```
          See Section 5.3.2 of "Meteorological Monitoring Guidance
          for Regulatory Modeling Applications" (EPA-454/R-99-005).


   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
ME W187    2192       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET
MX W481   43849         MAIN: Data Remaining After End of Year. Number of Hours=           24

   ***********************************
   *** AERMOD Finishes Successfully ***
   ***********************************
```

Appendix F

Health Risk Assessment



Costco Fuel Center Project

Gas Station Health Risk Assessment

prepared for

City of Novato
Community Development Department
922 Machin Avenue
Novato, California 94945
Contact: Brett Walker, Senior Planner

prepared by

Rincon Consultants, Inc.
4825 J Street, Suite 200
Sacramento, California 95819

October 2025

RINCON CONSULTANTS

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1 Project Description

1.1 Introduction

This Health Risk Assessment (HRA) analyzes the possible health effects associated with toxic air contaminant (TAC) emissions generated by a proposed 28-pump Costco gasoline dispensing station located at 300 Vintage Way, Novato, California.

1.2 Executive Summary

The project proposes the construction of a fueling facility containing 28 fueling stations with three underground fuel storage tanks and an annual throughput of 36 million gallons of gasoline. The California Air Resources Board's (CARB) *Air Quality and Land Use Handbook: A Community Health Perspective* notes that gasoline dispensing facilities can be a source of TACs due to gasoline storage and refueling activities (CARB 2005). The primary concern is the effect of benzene, a known carcinogenic TAC, on sensitive land uses. While CARB notes that gasoline dispensing facilities are a relatively small contributor to total benzene emissions throughout the state, it also notes that large facilities can generate significant near source exposures and recommends a 300-foot separation between large gasoline dispensing facilities and sensitive land uses (CARB 2005). Exposure to TACs associated with gasoline dispensing facilities is dependent on a number of site-specific parameters, including facility throughput, site design and configuration, the presence of vapor recovery systems or other control technology, and meteorological conditions.

This HRA used site-specific air dispersion modeling to determine whether health risks presented to residents, and off-site workers, from the construction and operation of the project's proposed 28-pump gasoline dispensing facility exceed the Bay Area Air District's (Air District) health risk criteria. The Air District has health risk criteria for cancer risk and non-cancer risk (i.e., chronic and acute). Cancer risk is expressed as the incremental excess cancer risk, or the maximum number of new cancer cases projected to occur in a population of one million people due to exposure to a cancer-causing substance. Potential acute health risks include severe symptoms that develop rapidly and lead quickly to a health crisis due to exposure to a harmful substance, whereas chronic health risks include health crises, such as lung inflammation, immune suppression, and immune sensitization, which develop due to exposure to low levels of a harmful substance over a long period of time.

Typically, cancer risk is analyzed over a specific exposure duration, such as the average residency (50-percentile) of 9 years or high-end residency (95-percentile) of 30 years (OEHHA 2015). For example, a cancer risk of one in one million means that in a population of one million people, not more than one additional person would be expected to develop cancer as the result of the exposure to the substance causing that risk. Thirty (30) years is the exposure duration scenario recommended by the Air District for residential receptors. Twenty-five (25) years is the exposure duration scenario recommended by the Air District for worker receptors.

Version 22118 of CARB's Hotspots Analysis and Reporting Program (HARP 2) was used to determine the potential risk values associated with the project. The maximum exposed individual resident (MEIR) near the project site would be exposed to a 30-year excess cancer risk of approximately 1.70 in one million, which does not exceed the Air District's recommended cancer risk criteria of 10 excess cases of cancer in one million individuals. The maximum exposed individual off-site worker

(MEIW) would be exposed to a 25-year excess cancer risk of approximately 2.78 in one million, also below the Air District's threshold of 10 excess cancer cases per one million individuals. Chronic hazard index for the MEIR is 0.006 and for the MEIW is 0.082, below the Air District's threshold of 1. Acute hazard index for project is 0.11 for the MEIR and 0.47 for the MEIW, below the Air District's threshold of 1. $PM_{2.5}$ concentration for the MEIR is 0.01 $\mu g/m^3$ and MEIW is 0.16 $\mu g/m^3$, below the Air District's threshold of 0.3 $\mu g/m^3$.

Potential health risks to nearby sensitive receptors from the emission of TACs during operations at the proposed gasoline fueling facility were analyzed in accordance with the Air District's *Risk Assessment Procedures*, CAPCOA's *Gasoline Service Station Industrywide Risk Assessment Technical Guidance* (CAPCOA 1997, 2022), and the Office of Environmental Health Hazard Assessment (OEHHA) *Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015).

1.3 Project Site and Description

The project encompasses an existing parking area adjacent to an existing Costco Wholesale store (Costco), on an approximately 1.15-acre portion of Assessor's Parcel Number 153-340-36 (project site). The project site is located within and adjacent to the Vintage Oaks Shopping Center in Novato. Vintage Oaks is located southeast of Highway 101 (US 101) and Rowland Boulevard freeway interchange. Figure 1 shows the location of the site in the region and Figure 2 shows the project site in its neighborhood context.

The project would construct a fuel facility (gas station) at an existing Costco Wholesale (Costco) at 300 Vintage Way. Costco is a membership-only store, and the proposed project would be for use by Costco members and not open to the general public who are not members. The project includes a 10,244-square foot fuel dispenser canopy, 14 dispensers (28 fueling positions), three 40,000-gallon gasoline underground storage tanks (UST), one 1,500-gallon additive UST, an approximately 125 square-foot controller enclosure, a vapor processing unit, directional striping, and an approximately 6,086 square-foot net increase in landscaped areas. Total annual throughput is estimated at 36 million gallons. The project would also modify Vintage Way to accommodate a left-turn pocket providing access to a driveway serving the project site. Figure 3 shows the proposed site plan.

Figure 1 Regional Location



Imagery provided by Esri and its licensors © 2020.

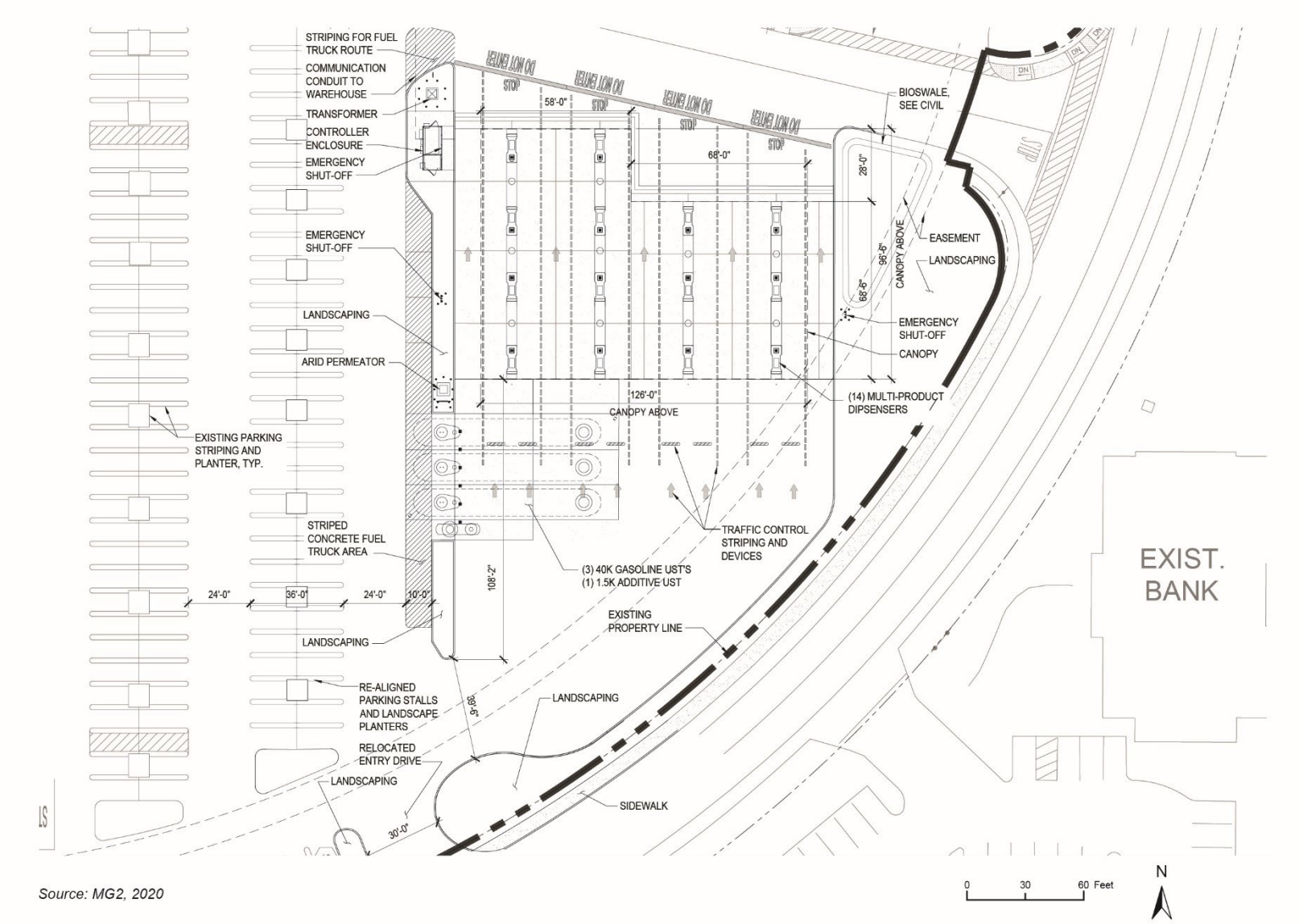
Figure 2 Project Location



Imagery provided by Microsoft Bing and its licensors © 2023.

22-13565 EPS
Fig 1 Project Location

Figure 3 Project Site Plan



Source: MG2, 2020

2 Air Quality Background

2.1 Local Climate and Meteorology

The project site is located in Marin County, a subregion of the San Francisco Bay Area Air Basin (SFBAAB). The SFBAAB includes the counties of San Francisco, Santa Clara, San Mateo, Marin, Napa, Contra Costa, and Alameda, along with the southeast portion of Sonoma County and the southwest portion of Solano County. The major large-scale weather feature controlling climate in Novato is a large high-pressure system located in the eastern Pacific Ocean, known as the Pacific High. During winter months, marine air trapped in the lower atmosphere is often condensed into fog by the cool Pacific Ocean. Stratus-type clouds usually form offshore and move into the area during the evening hours. During winter months, the Pacific High becomes weaker and shifts south, allowing weather systems associated with the polar jet stream to affect the region. Low pressure systems produce periods of cloudiness, strong shifting winds, and precipitation. High-pressure systems are also common in winter, with low-level inversions that produce cool stagnant conditions.

2.2 Toxic Air Contaminants

A TAC is an air pollutant that may cause or contribute to an increase in mortality or serious illness or which may pose a present or potential hazard to human health. TACs may result in long-term health effects such as cancer, birth defects, neurological damage, asthma, or genetic damage, or short-term acute effects such as eye watering, respiratory irritation, runny nose, throat pain, and headaches. TACs are considered either carcinogenic or non-carcinogenic based on the nature of the health effects associated with exposure. For carcinogenic TACs, potential health impacts are evaluated in terms of overall relative risk expressed as excess cancer cases per one million exposed individuals. Non-carcinogenic TACs differ in that there is generally assumed to be a safe level of exposure below which no negative health impact is believed to occur. These levels are determined on a pollutant-by-pollutant basis.

TACs include both organic and inorganic chemical substances. One of the main sources of TACs in California is diesel engines that emit exhaust containing solid material known as diesel particulate matter (DPM); however, TACs may be emitted from a variety of common sources, including gasoline stations, motor vehicles, dry cleaners, industrial operations, painting operations, and research and teaching facilities. TACs commonly associated with gasoline dispensing stations include the organic compounds of benzene, ethylbenzene, naphthalene, toluene, xylene, hexane, and propylene. In particular, benzene is a known human carcinogen and can result in short-term acute and long-term chronic health impacts (United State Environmental Protection Agency [USEPA] 2012). Between 1990 and 2005, benzene in California's air was reduced by over 75 percent due to implementation of control technologies, such as vapor recovery systems, and reductions of benzene levels in gasoline (CARB 2005). Today, gasoline dispensing facilities account for a relatively small fraction of total benzene emissions.

2.3 Regulatory Background

The CARB and OEHHA has established health risk standards, while the local AQMDs are responsible for enforcing these standards. The Air District is the designated air quality control agency in the San Francisco Bay Air Basin.

2.3.1 Toxic Air Contaminants

In 1983, the California Legislature enacted a program to identify the health effects of TACs and to reduce exposure to these contaminants to protect the public health (Assembly Bill [AB] 1807: Health and Safety Code Sections 39650–39674). The Legislature established a two-step process to address the potential health effects from TACs. The first step is the risk assessment (or identification) phase. The second step is the risk management (or control) phase of the process.

The California Air Toxics Program establishes the process for the identification and control of TACs and includes provisions to make the public aware of significant toxic exposures and for reducing risk. Additionally, the Air Toxics "Hot Spots" Information and Assessment Act (AB 2588, 1987, Connelly Bill) was enacted in 1987 and requires stationary sources to report the types and quantities of certain substances routinely released into the air. The goals of the Air Toxics "Hot Spots" Act are to collect emission data, identify facilities having localized impacts, ascertain health risks, notify nearby residents of significant risks, and reduce those significant risks to acceptable levels. The Children's Environmental Health Protection Act, California Senate Bill 25 (Chapter 731, Escutia, Statutes of 1999), focuses on children's exposure to air pollutants. The act requires CARB to review its air quality standards from a children's health perspective, evaluate the statewide air quality monitoring network, and develop any additional air toxic control measures needed to protect children's health.

2.4 Receptors

According to CARB, sensitive receptors include residences, long-term health care facilities, rehabilitation centers, convalescent centers, hospitals, retirement homes, schools, playgrounds, and childcare centers (CARB 2005). The closest sensitive receptor to the project site is the residential development located approximately 450 feet west of the project site. While not considered to be sensitive receptors under CARB’s definition, worker receptors are also considered in this analysis, including workers at the commercial building south of Vintage Way near the project site.

3 Impact Analysis

3.1 Methodology

To evaluate the potential impacts of TACs emitted during construction and operation of the proposed gas station component of the project, Rincon used CARB's Hotspots Analysis and Reporting Program (HARP 2) model. The USEPA's AERMOD atmospheric dispersion modeling system was used to determine concentrations to import into HARP2 for risk quantification. Potential health risks to nearby sensitive receptors from the emission of TACs during operations at the proposed gasoline fueling facility were analyzed in accordance with the Air District's *Health Risk Assessment Protocol* (Bay Area Air District 2020), CAPCOA's *Gasoline Service Station Industrywide Risk Assessment Technical Guidance* (CAPCOA 1997; CAPCOA 2022), and the OEHHA *Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments* (OEHHA 2015).

According to the Risk Assessment Procedures, benzene, naphthalene, toluene, xylene and ethylbenzene are the only TACs with cancer toxicity values from gasoline dispensing facilities. Therefore, the risk analysis contained in this report only evaluates cancer risk associated with exposure to benzene, ethylbenzene, and naphthalene emissions for the gasoline station. Benzene, 1,3-butadiene, acetaldehyde, acrolein, and formaldehyde are the primary contaminants of concern for idling cars onsite. Modeling assumptions, emissions, and model inputs are available in Appendix A.

AERMOD requires meteorological and topographic data. Pre-processed meteorological data was obtained from the Air District's Gnoss Field station approximately 3.7 miles north of the project site. The dataset was developed by the Air District for use in AERMOD and includes five years of meteorological data between 2013 and 2017. AERMOD's Urban Dispersion option was applied based on an estimated population of 260,206 for Marin County.

3.1.1 Construction Air Dispersion Modeling

The Air District identifies construction activities as a common source of TAC and $PM_{2.5}$ emissions due to the operation of diesel-powered equipment and heavy-duty trucks that emit DPM (Bay Area Air District 2017). Although construction activity only occurs over a relatively short time period, it may increase TAC concentrations in the short-term at nearby sensitive receptors. DPM is the primary contaminant of concern for the project and would be the TAC emitted in the largest quantity, thus health risks were assessed as they relate to DPM exposure. The nearest sensitive receptors to the project site are single and multi-family residences located approximately 450 feet[1] west of the project site across US 101. Due to the short-term duration of project construction (3 months) and distance to the nearest receptors, residents would not be anticipated to be exposed to significant amounts of TACs from project construction. Maximum cancer risk, chronic risk, and $PM_{2.5}$ concentrations were determined for the residential properties located directly across the 101 Freeway within 1,000 feet of the project site and workers. Modeling sources were assigned as line volume sources to account for the demolition, building construction, paving, and architectural coating. Volume sources for construction equipment have a plume height of 2.6 meters, a width of 10 meters, and a release height of 1.3 meters. Construction activities were assumed to occur 10

[1] Measured from the fuel facility site boundary to the nearest residential building.

hours per day between 7 am and 5 pm and variable emissions were incorporated to limit emissions to this time period.

3.1.2 Operational Air Dispersion Modeling

Risk Assessment Procedures include a methodology for modeling speciated emissions commonly associated with gasoline dispensing stations. Gasoline emissions for the project site operations were speciated into benzene, ethylbenzene, n-hexane, naphthalene, propylene, toluene and xylenes. Gasoline emissions for on-road vehicles were speciated into benzene, ethylbenzene, n-hexane, naphthalene, propylene, toluene, xylenes, 1,3-butadiene, formaldehyde, acrolein, and acetaldehyde. Diesel emissions for on-road vehicles (fuel delivery trucks) were speciated into benzene, ethylbenzene, n-hexane, naphthalene, toluene, xylenes, 1,3-butadiene, formaldehyde, acrolein, acetaldehyde, and diesel particulate matter. In accordance with this methodology, emissions were modeled in AERMOD based on eight primary emissions sources associated with gasoline dispensing stations:

1. **Loading** – Loading emissions are point source emissions that occur when fuel tanker trucks unload gasoline to the storage tanks, displacing storage tank vapors and causing emissions through the vent pipe.
2. **Breathing** – Breathing emissions are driven by temperature and pressure changes in the storage tank and, like loading emissions, are considered a point source for modeling purposes.
3. **Refueling** – Refueling emissions are those that occur between the vehicle/nozzle interface. In AERMOD, refueling is modeled as a volume source.
4. **Spillage** – Spillage emissions result from evaporating gasoline that spills during vehicle fueling. In AERMOD, spillage is modeled as a volume source.
5. **Hose Permeation** – These emissions occur when gasoline, in liquid or vapor form, diffuses through the hose's outer surface to the atmosphere. Hose permeation is modeled as a volume source.
6. **Queuing** – These emissions occur while cars are idling waiting to access the gas pumps.
7. **Idling** – Emissions associated with fuel trucks idling at the station prior to or after tank filling activities.
8. **Trip emissions** – These emissions are associated with passenger and fuel truck travel to and from the site from the 101 freeway. In addition, trips were assigned as either new fuel truck trips, new passenger trips, diverted passenger trips, passby passenger trips, or passenger warehouse with gas trips. Trip lengths and directions associated with these trips were accounted for in the analysis.

The underground gasoline tanks are proposed to be located directly west of the fueling canopy. Therefore, truck idling, loading and breathing emissions sources were sited at the approximate location of the proposed storage tanks. Refueling, spillage, and hose permeation sources were sited at the approximate locations of the pumps based on the most recent project site plan, as such emissions would occur throughout the refueling area. Queueing for the passenger vehicles is assumed to encompass the area around and including the fuel pumps. Trip emissions are assumed along Rowland Boulevard based on the Transportation Impact Analysis by Kittelson & Associates Inc., dated February 2024.

The Air District procedures recommend gas station point source and volume source AERMOD parameters, provided in Table 1. Gasoline storage tank vents were assumed to have a rain cap and

an initial gasoline vapor vertical exit velocity of 0.01 meters per second. Flagpole height of 1.5 meters was applied, consistent with modeling guidance for AERMOD.

Table 1 Source Modeling Parameters

		Point Source Parameters			Volume Source Parameters	
Emissions Source	Release Height (m)	Diameter (m)	Temperature (Gas)(K)	Exit Velocity (m/s)	Initial Lateral Dimension (m)	Initial Vertical Dimension (m)
Site Operation Sources						
Loading	3.66	0.051	291	0.001	-	-
Breathing	3.66	0.051	289	0.001	-	-
Refueling	1.5	-	-	-	9.77	2.6
Spillage	1	-	-	-	9.77	2.6
Hose Permeation	1.5	-	-	-	9.77	2.6

		Area Source	Line Volume Source		
Emissions Source	Release Height (m)	Area (m^2)	Plume Height (m)	Plume Width (m))	Volume Sources (#)
Vehicle Sources					
Queuing	1.53	2,101	-	-	-
Idling	4.0	219	-	-	-
Car Emissions (Source 1/2/3/4)	-	-	2.6	20/15/15/15	11/38/33/6
Truck Emissions (Source 1/2)	-	-	6.8	20/15	11/39

Source: Bay Area Air District 2020; CAPCOA 1997

The gas station was assumed to operate 17 hours per day between 5 AM and 10 PM and variable emissions were incorporated to represent the emissions that occur during this period.

Speciated emissions factors per 1,000 gallons of throughput are based on CARB's *Gasoline Service Station Industrywide Risk Assessment Technical Guidance* (CARB 2022). Emissions calculations are based on a proposed maximum throughput of approximately 36 million gallons annually.

3.1.3 Risk Analysis

A uniform receptor grid was used to determine where maximum impacts would occur then discrete receptors were placed for worker and residential receptors at the receptor locations. Ten (10)-meter spacing was used for the closest worker receptors directly across Vintage Way, discrete residential receptors were placed at existing buildings and a 20-meter spacing was used for the uniform cartesian receptor grid for up to 1,000 feet from the site boundary. The receptor grid was offset slightly to the west as the property to the east is not developable. Fenceline receptors were also added at a 20-meter spacing around the project site. Figure 4 shows emissions sources and receptor locations.

Following the calculation of ground-level concentrations, construction cancer risks were calculated for a 6-month period (consistent with Air District guidance), operational residential cancer risks were calculated for a 30-year exposure duration using the Risk Management Policy (RMP) Derived

Method, selecting HARP 2's Inhalation, Soil Ingestion, Dermal, and Mother's Milk pathways. Residents aged 16 and older were assumed to spend 73 percent of their time at home. Residents under age 16 were assumed to attend a school or daycare proximate to their home; therefore, fraction of time at home values were not applied to this age group. For worker receptors, cancer risk was calculated using the OEHHA Derived Method for the Inhalation, Soil, and Dermal exposure pathways. A 25-year exposure duration for worker receptors was modeled. A worker adjustment factor of 3.57 for construction and 1.41 for operational was implemented to adjust risk for the amount of time workers would be present while pollutant emissions are occurring. For all risk scenarios, a deposition rate of 0.05 meters per second was applied.

3.2 Significance Thresholds

The Air District has developed significance thresholds for the emissions of TACs based on health risks associated with elevated exposure to such compounds. For carcinogenic compounds, cancer risk is assessed in terms of incremental excess cancer risk. A project would result in a potentially significant impact if it would generate an incremental excess cancer risk of 10 in one million (1×10^{-6}). Additionally, non-carcinogenic health risks are assessed in terms of a hazard index. A project would result in a potentially significant impact if it would result in a chronic and acute hazard index greater than 1.0 (Bay Area Air District 2023).

3.3 Modeling Results

Incremental excess cancer risk is an estimate of the added risk a person exposed to a specific source of a TAC may have of developing cancer from that exposure, with all other conditions held constant.

Maximum resident and worker cancer risks, as well as non-cancer risks and $PM_{2.5}$ concentrations, are presented in Table 2 for construction emissions, Table 3 for operational emissions, and Table 4 for combined construction and operational emissions. The MEIR is the modeled residential receptor experiencing the highest incremental excess cancer risk under 30-year residential exposure duration. The MEIW is the off-site work receptor experiencing the highest incremental excess cancer risk under a 25-year worker exposure duration. The modeling output is available in Appendices B and C. The locations of MEIs are indicated in Figure 4. As shown in Table 2, Table 3 and Table 4 incremental excess cancer risks, non-cancer risk, and $PM_{2.5}$ concentrations resulting from the construction and operation of the project would not exceed Air District thresholds.

Figure 4 Receptor Locations

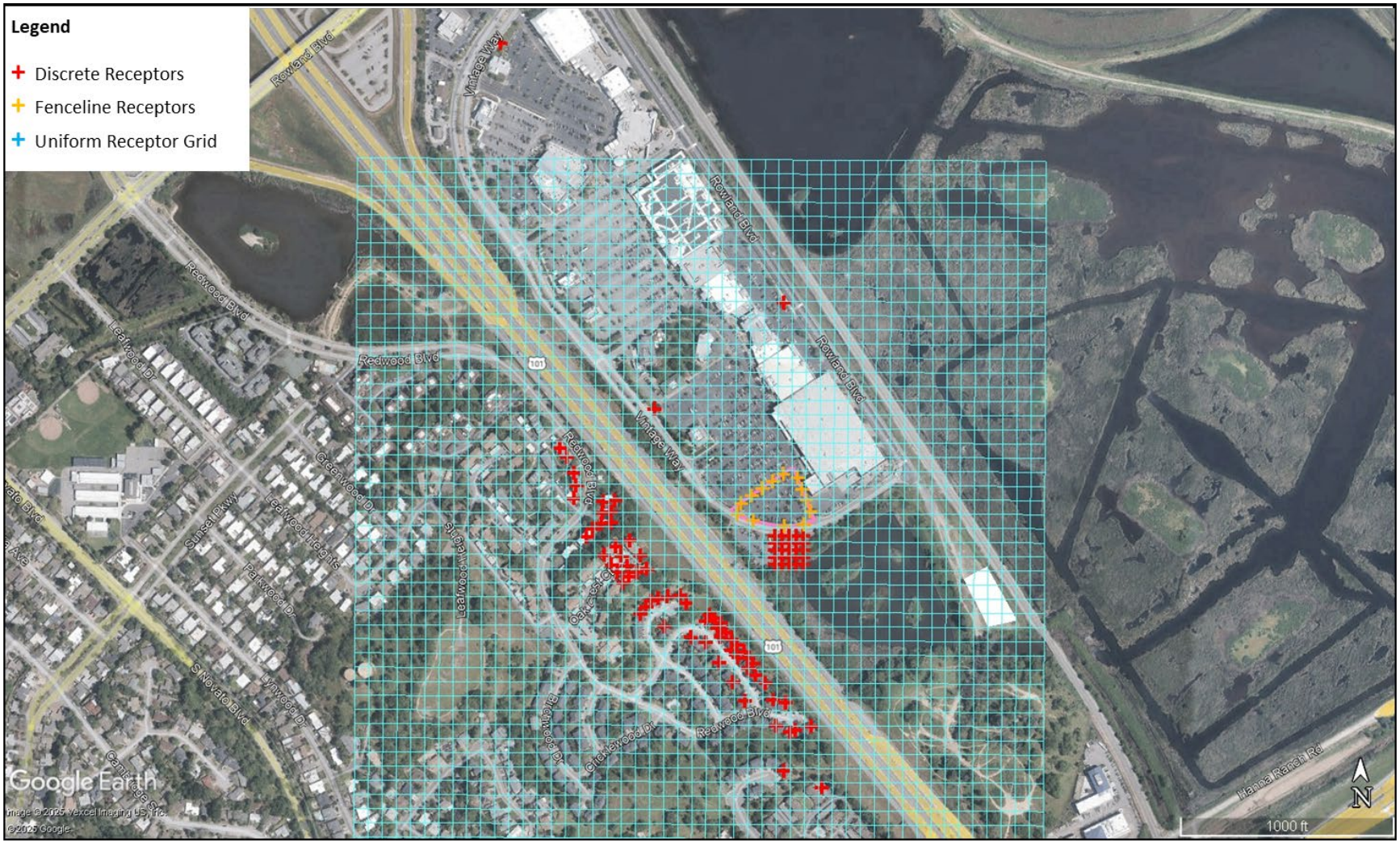


Table 2 Maximum Exposed Individual Risk – Construction

Gasoline Dispensing Facility	Cancer Risk	Hazard Index	Annual $PM_{2.5}$ ($\mu g/m^3$)
MEIR	0.12 in 1 million	0.0003	0.01
MEIW	0.12 in 1 million	0.0046	0.16
Significance Threshold	*10 in 1 million*	*1.0*	*0.3*
Exceeds Threshold?	**No**	**No**	**No**

Source: Appendices B and C

Table 3 Maximum Exposed Individual Risk – Operation

Gasoline Dispensing Facility	Cancer Risk	Chronic Risk	Acute Risk
MEIR	1.61 in 1 million	0.006	0.11
MEIW	2.66 in 1 million	0.082	0.47
Significance Threshold	*10 in 1 million*	*1.0*	*1.0*
Exceeds Threshold?	**No**	**No**	**No**

Source: Appendices B and C

$PM_{2.5}$ is not one of the pollutants associated with operational emissions for a gasoline station without diesel.

Table 4 Maximum Exposed Individual Risk – Combined

Gasoline Dispensing Facility	Cancer Risk	Chronic Risk	Acute Risk	$PM_{2.5}$ Concentration
MEIR	1.7 in 1 million	0.006	0.11	0.01
MEIW	2.78 in 1 million	0.082	0.47	0.16
Significance Threshold	*10 in 1 million*	*1.0*	*1.0*	*0.3*
Exceeds Threshold?	**No**	**No**	**No**	**No**

Source: Appendices B and C

$PM_{2.5}$ is not one of the pollutants associated with operational emissions for a gasoline station without diesel.

3.4 Cumulative Results

The Air District recommends that the cumulative impact of a project be assessed by evaluating current and proposed substantial sources of TACs, including roadways and stationary sources, within a 1,000-foot radius of the identified Maximally Exposed Individual Receptor (MEIR; Bay Area Air District 2023a). Existing potential sources within 1,000 feet of the MEIR include US 101 and nearby major streets. There are no permitted stationary sources within 1,000 feet of the MEIR (Bay Area Air District 2023b). Cumulative risk impacts to the MEIR from freeway and roadway sources along with railway sources were based on health risk and $PM_{2.5}$ concentrations obtained from raster data files of health risks associated with major roadways and highways provided by the Air District (Bay Area Air District 2022a, 2022b, 2022c). In addition, the Hanna Ranch Project, which is located south of the project site, could also incorporate a gasoline station similar to the size of the proposed project approximately 700 feet south of the project site. To account for potential cumulative risk from the development of this facility, the maximum residential risk was assumed to be the same for each. Risk was adjusted for distance using the Air District's distance determination tool. Table 5 summarizes cumulative health risk at the MEIR. As shown in Table 5, cumulative sources of TACs

would not exceed Air District's cumulative health risk thresholds at the MEIR or MEIW. Therefore, the health risk to nearby residents due to cumulative impacts would be less than significant.

Table 5 Cumulative Health Risk

Source	Cancer Risk	Chronic Risk	Acute Risk	$PM_{2.5}$ Concentration
MEIR	1.70 in 1 million	0.006	0.11	0.010
Hanna Ranch Gasoline Station	2.46 in 1 million	0.010	0.020	-
Roadway Risk	21.41 in 1 million	0.075	-	0.568
Railway Risk	0.91 in one million	<0.001	-	0.001
Cumulative Risk associated with the MEIR	**26.48 in one million**	**0.09**	**0.13**	**0.58**
MEIW	2.78 in 1 million	0.082	0.470	0.16
Hanna Ranch Gasoline Station	0.34 in 1 million	0.020	0.030	-
Roadway Risk	19.01 in 1 million	0.067	-	0.521
Railway Risk	1.25 in 1 million	<0.001	-	0.002
Cumulative Risk associated with the MEIW	**23.38 in 1 million**	**0.17**	**0.50**	**0.68**
Significance Threshold	*100 in 1 million*	*10.0*	*10.0*	*0.8*
Exceeds Threshold?	**No**	**No**	**No**	**No**

Source: Appendices B and C

$PM_{2.5}$ is not one of the pollutants associated with operational emissions for a gasoline station without diesel.

4 Conclusion

The proposed 28-pump gasoline dispensing station would not expose residents or workers to significant excess cancer risks associated with loading, breathing, refueling, spillage, or hose permeation emissions of benzene, ethylbenzene, and naphthalene. The analysis contained herein was conducted in accordance with the Air District recommended procedures. The analysis concludes that operation of the proposed gasoline dispensing facility would not expose nearby receptors to excess cancer risks exceeding the Air District thresholds.

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Appendix A

Assumptions, Emissions, and Summaries

Novato Costco

Health Risk Assumptions

Version Date: 7/24/2025

Sources

Source	Description	Type
Loading	Loading	Point
Breathing	Loading	Point
Refilling	Refilling	Volume
Hose	Hose Permeation	Volume
Spil1	spillage	volume
IDLTK	Truck Idle	area poly
IdlCar	car queuing	area poly
Car1	car travel - All	line volume
Car2	car travel - 50% pb, 100% New, Divert	line volume
Car3	car travel - 50% passby	line volume
Car4	Car travel - warehouse+gas	line volume
TK1	Truck travel - All from freeway to Vista Way	line volume
TK2	Truck travel -All Rowland past Vista Way	line volume

Source Modeling Parameters

	Loading	Breathing	Refilling	Hose	Spilling	Units
Unit emission factor	1	1	1	1	1	g/s
release height	3.66	3.66	1.5	1.5	1	m
temperature	291	289	-	-	-	k
stack diameter	0.0508	0.0508	-	-	-	m
exit velocity	0.001	0.001	-	-	-	m/s
Length of Side	-	-	42	42	42	m
Initial Vertical	-	-	2.6	2.6	2.6	m
Initial Lateral Dimension	-	-	9.77	9.77	9.77	m

Receptor Descriptionsw

Receptor Type	#s
Offsite Worker	1-25;89-121
Resident	26-88;89-121

Other AERMOD Inputs

Met Data From:	Gnoss Field	
Elevataion	1 meters	
Specify	Any	
Averaging Times	1,Period	
Dispersion Coefficient	Urban	
Population	26020	2021 Marin County Population
Variable Emissions	5 am - 10 pm	100%

Novato Costco

Health Risk Assumptions

Version Date: *7/24/2025*

Project Specific Information

Tanks		Tank Size	%	Annual Throughput
	Unleaded	40	0.333333333	12,000,000
	Unleaded	40	0.333333333	12,000,000
	Unleaded	40	0.333333333	12,000,000
		120		36,000,000

throughput	90,000	gallons per month
	36,000,000	gallons per year

HARP Pollutant Information

Resident: Inhalation, dermal (warm climate), soil, homegrown produce, mother's milk

Worker: Inhalation, dermal (warm climate), soil

Mobile Source Vehicle Trips

6870	daily trips * Kittelson & Associates, Incl. Feb 2024
404.1176471	Average Hourly Trips (Daily trips divided by hours per day)
696	Peak Hour Saturday Trips (Used, conservative)
576	Peak Hour weekday Trips (not used)
1.722270742	Ratio of Peak Hour trips to Average Hourly Trips

Total Daily Trips	Daily Trips	Mile/trip
Primary	1405	
Employee	8	10.38
Member	1397	2.5
Truck	12	30
Diverted	1550	1.75
Passby	1665	0.3
Warehouse + Gas	2250	0.13

Novato Costco

Health Risk Assumptions

Version Date: 7/24/2025

constants

1,000	gallons	
8,800	gallons/hr	Loading
36,000,000	gallons/year	
102,857	Average gallons /day	
6,050	Average gallons/hr	
10,420		
	Adjusted Gallons per hour (Average gallons per hour * Ratio of Peak Hour to Averag Hour)	
5,950	hours per year	
1	Number of Refueling/Hose Sources	
1	Number of Spillage Sources	
1,000,000	Conversion to Risk per million	
1609.344	meter per mile	
453.59237	gr per pound	
2000	pounds per ton	
250	days per year - Construction	
10	Hours per day - Construction	
350	days per year - Operational	
17	Hours per day - Operational	
2.5	Multiplying the RUNEX emissions rate for 5 MPH by 2.5 mph/hr will produce the approximated idle emissions rates in grams per hour.	
1	gr =	0.0022045 lbs
1	gr =	1.00E-06 MT
120	minutes/day (total truck idling)	
3958	minutes/day (total car idling)	
60	Minutes/hr; Sec/Min	

Novato Costco

Emissions Determination

Version Date: 7/24/2025

Project Risk

Construction Risk

	Receptor	Conc	Cancer (per million)	Chronic	PM2.5
Residential	89	1.18E-07	0.1178	0.0003	0.0102802
Worker	22	1.15E-07	0.1151	0.0046	0.1582328

Operational

	Receptor	Conc	Cancer (per million)	Chronic	Acute
Residential	55	1.61E-06	1.61	0.006	0.108
Worker	22	2.66E-06	2.66	0.082	0.470

Combined (Project Construction and Operation)

	Receptor	Conc	Cancer (per million)	Chronic	Acute	PM.25
Residential	89	1.36E-06	1.36	0.005	0.108	0.0102802
Residential	55	1.70E-06	1.70	0.006	0.108	0.0080
Worker	22	2.78E-06	2.78	0.082	0.470	0.1582

Cumulative

Cancer

	Receptor	Project	HR	Roadway	Railway	Total
Residential	89	1.36	2.46	20.78	0.60	25.20
Residential	55	1.70	2.46	21.41	0.91	26.48
Worker	22	2.78	0.34	19.01	1.25	23.38

Chronic

	Receptor	Project	HR	Roadway	Railway	Total
Residential	89	0.005	0.010	0.075	0.0002	0.09
Residential	55	0.006	0.010	0.075	0.0002	0.09
Worker	22	0.082	0.020	0.067	0.0003	0.17

Acute

	Receptor	Project	HR	Roadway	Railway	Total
Residential	89	0.108	0.020	0	0	0.13
Residential	55	0.108	0.020	0	0	0.13
Worker	22	0.470	0.030	0	0	0.50

PM2.5

	Receptor	Project	HR	Roadway	Railway	Total
Residential	89	0.010	NA	0.568	0.001	0.58
Residential	55	0.008	NA	0.554	0.001	0.56
Worker	22	0.158	NA	0.521	0.002	0.68

Novato Costco
Construction Emissions

	CalEEMod - Onsite				CalEEMod - Truck				Emissions/Mile/day					
Emissions	**PM10 E**	**PM2.5 E**	**PM2.5 D**	**Trip Type**	**PM10 E**	**PM2.5 E**	**PM2.5 D**	**Miles/trip**	**PM10 E**	**PM2.5 E**	**PM2.5 D**	**Source**	**Length (mi)**	**%**
Demolition	0.7	0.64	1.31	Haul	0.08	0.06	0.31	20	0.004	0.003	0.0155	TK1	0.27035861	0.2733
BC 2024	0.37	0.34	0	Vendor	0.005	0.005	0.005	8.4	0.0005952	0.000595	0.000595	TK2	0.7188022	0.7267
BC 2025	0.33	0.3	0	Vendor	0.005	0.005	0.005	8.4	0.0005952	0.000595	0.000595		0.9891608	
Paving 2024	0.23	0.21	0	Vendor	0.005	0.005	0.01	8.4	0.0005952	0.000595	0.00119			
Paving 2025	0.2	0.19	0	Vendor	0.005	0.005	0.01	8.4	0.0005952	0.000595	0.00119			
AC	0.03	0.03	0	None	0	0	0	0	0	0	0			

	PM10				Exhaust PM2.5							
	lbs/day	**days**	**lbs/year**	**lbs/hr**	**lbs/day**	**days/yr**	**lbs/year**	**ave lbs/day**	**gr/day**	**gr/hr**	**gr/min**	**gr/sec**
Demolition												
Onsite	0.7	21	14.7	0.07	0.64	21	13.44	0.05376	24.38513	2.438513	0.040642	0.000677365
TK1	0.001081	21	0.0227101	0.000108143	0.000811	21	0.017033	6.813E-05	0.030903	0.00309	5.15E-05	8.58428E-07
Tk2	0.002875	21	0.0603794	0.000287521	0.002156	21	0.045285	0.0001811	0.082163	0.008216	0.000137	2.2823E-06
BC 2024												
Onsite	0.37	17	6.29	0.037	0.34	17	5.78	0.02312	10.48706	1.048706	0.017478	0.000291307
Truck	0.000161	17	0.0027358	1.60928E-05	0.000161	17	0.002736	1.094E-05	0.004964	0.000496	8.27E-06	1.37881E-07
Tk2	0.000428	17	0.0072736	4.27858E-05	0.000428	17	0.007274	2.909E-05	0.013197	0.00132	2.2E-05	3.66583E-07
BC 2025												
Onsite	0.33	28	9.24	0.033	0.3	28	8.4	0.0336	15.2407	1.52407	0.025401	0.000423353
Truck	0.000161	28	0.004506	1.60928E-05	0.000161	28	0.004506	1.802E-05	0.008176	0.000818	1.36E-05	2.27097E-07
Tk2	0.000428	28	0.01198	4.27858E-05	0.000428	28	0.01198	4.792E-05	0.021736	0.002174	3.62E-05	6.03784E-07
Paving 2024												
Onsite	0.23	3	0.69	0.023	0.21	3	0.63	0.00252	1.143053	0.114305	0.001905	3.17515E-05
Truck	0.000161	3	0.0004828	1.60928E-05	0.000161	3	0.000483	1.931E-06	0.000876	8.76E-05	1.46E-06	2.43319E-08
Tk2	0.000428	3	0.0012836	4.27858E-05	0.000428	3	0.001284	5.134E-06	0.002329	0.000233	3.88E-06	6.46911E-08
Paving 2025												
Onsite	0.2	17	3.4	0.02	0.19	17	3.23	0.01292	5.860413	0.586041	0.009767	0.000162789
Truck	0.000161	17	0.0027358	1.60928E-05	0.000161	17	0.002736	1.094E-05	0.004964	0.000496	8.27E-06	1.37881E-07
Tk2	0.000428	17	0.0072736	4.27858E-05	0.000428	17	0.007274	2.909E-05	0.013197	0.00132	2.2E-05	3.66583E-07
AC 2025												
Onsite	0.03	10	0.3	0.003	0.03	10	0.3	0.0012	0.544311	0.054431	0.000907	1.51197E-05
Truck	0	10	0	0	0	10	0	0	0	0	0	0
Tk2	0	10	0	0	0	10	0	0	0	0	0	0

	lbs/year	**lbs/hr**	**gr/sec**
Con1	18.79	0.07	0.000871905
Parea2			
Con3	15.83	0.036	0.00072978
TK1	0.0331704	0.000108143	1.3856E-06
TK2	0.0881902	0.000287521	3.6839E-06

Novato Costco
Construction Emissions

Emissions NO2, Unmitigated Annual, Not consistent with AERMOD.

Demolition
BC 2024
BC 2025
Paving 2024
Paving 2025
AC

	lbs/day	days/yr	lbs/year	Fugutive PM2.5 ave lbs/day	gr/day	gr/hr	gr/min	gr/sec
Demolition								
Onsite	1.31	21	27.51	0.11004	49.9133	4.99133	0.083189	0.001386481
TK1	0.004191	21	0.088002	0.000352	0.159668	0.015967	0.000266	4.43521E-06
Tk2	0.011141	21	0.23397	0.000936	0.424508	0.042451	0.000708	1.17919E-05
BC 2024								
Onsite	0	17	0	0	0	0	0	0
Truck	0.000161	17	0.002736	1.09E-05	0.004964	0.000496	8.27E-06	1.37881E-07
Tk2	0.000428	17	0.007274	2.91E-05	0.013197	0.00132	2.2E-05	3.66583E-07
BC 2025								
Onsite	0	28	0	0	0	0	0	0
Truck	0.000161	28	0.004506	1.8E-05	0.008176	0.000818	1.36E-05	2.27097E-07
Tk2	0.000428	28	0.01198	4.79E-05	0.021736	0.002174	3.62E-05	6.03784E-07
Paving 2024								
Onsite	0	3	0	0	0	0	0	0
Truck	0.000322	3	0.000966	3.86E-06	0.001752	0.000175	2.92E-06	4.86637E-08
Tk2	0.000856	3	0.002567	1.03E-05	0.004658	0.000466	7.76E-06	1.29382E-07
Paving 2025								
Onsite	0	17	0	0	0	0	0	0
Truck	0.000322	17	0.005472	2.19E-05	0.009927	0.000993	1.65E-05	2.75761E-07
Tk2	0.000856	17	0.014547	5.82E-05	0.026394	0.002639	4.4E-05	7.33166E-07
AC 2025								
Onsite	0	10	0	0	0	0	0	0
Truck	0	10	0	0	0	0	0	0
Tk2	0	10	0	0	0	0	0	0

	gr/sec
Con1	
Parea2	0.001386481
Con3	
TK1	5.1246E-06
TK2	1.3625E-05

Novato Costco

Emissions Determination - Operational Gasoline Station

Version Date: *7/8/2025*

Cancer Risk Emission Factors Chronic/Cancer

Source: 2022 CARB Gasoline Service Station Industrywide Risk Assessment Technical Guidance

	Loading	Breathing	Refueling	Hose Permeation	Spillage	
Controlled Gasoline Emission Factors (lbs VOC/1,000 gal)	0.15	0.024	0.089	0.009	0.24	Table 9
Chronic/Cancer						
Benzene						
Weight (% VOC)	0.4570%	0.4570%	0.4570%	0.4570%	0.7070%	Table 11
Emission factor (lbs/1000 gallons)	0.0006855	0.00010968	0.00040673	0.00004113	0.0016968	Table B1
Ethylbenzene						
Weight	0.1070%	0.1070%	0.1070%	0.1070%	1.2900%	
Emission factor	0.0001605	0.00002568	0.00009523	0.00000963	0.003096	
n-Hexane						
Weight	1.8200%	1.8200%	1.8200%	1.8200%	1.8600%	
Emission factor	0.00273	0.0004368	0.0016198	0.0001638	0.004464	
Naphthalene						
Weight	0.0004%	0.0004%	0.0004%	0.0004%	0.1740%	
Emission factor	6.675E-07	1.068E-07	3.9605E-07	4.005E-08	0.0004176	
Propylene						
Weight	0.0036%	0.0036%	0.0036%	0.0036%	0.0001%	
Emission factor	5.391E-06	8.6256E-07	3.1987E-06	3.2346E-07	2.928E-07	
Toluene						
Weight	1.1100%	1.1100%	1.1100%	1.1100%	5.6300%	
Emission factor	0.001665	0.0002664	0.0009879	0.0000999	0.013512	
Xylenes						
Weight	0.4090%	0.4090%	0.4090%	0.4090%	6.5900%	
Emission factor	0.0006135	0.00009816	0.00036401	0.00003681	0.015816	
Acute						
Benzene						
Weight	0.5490%	0.5490%	0.5490%	0.5490%	0.7020%	
Emission factor	0.0008235	0.00013176	0.00048861	0.00004941	0.0016848	
Toluene						
Weight	1.3500%	1.3500%	1.3500%	1.3500%	5.8000%	
Emission factor	0.002025	0.000324	0.0012015	0.0001215	0.01392	
Xylenes						
Weight	0.5090%	0.5090%	0.5090%	0.5090%	6.9100%	
Emission factor	0.0007635	0.00012216	0.00045301	0.00004581	0.016584	

Novato Costco

Emissions Determination - Operational Gasoline Station

Version Date: 7/8/2025

			Hourly throughput (Acute only)		
Cancer Risk Emissions			Loading	All Others	
Annual Throughput	36,000,000	gallons	8800	10,420	gallons/hr
Annual Throughput (1,000 gallons)	36,000	gallons	8.8	10.42	gallons

		Loading	Breathing	Refueling	Hose Permeation	Spillage
Chronic/Cancer						
Benzene						
	lbs/year	24.678	3.94848	14.64228	1.48068	61.0848
	lbs/hour	4.15E-03	6.64E-04	2.46E-03	2.49E-04	1.03E-02
Ethylbenzene						
	lbs/year	5.778	0.92448	3.42828	0.34668	111.456
	lbs/hour	9.71E-04	1.55E-04	5.76E-04	5.83E-05	1.87E-02
n-Hexane						
	lbs/year	98.28	15.7248	58.3128	5.8968	160.704
	lbs/hour	1.65E-02	2.64E-03	9.80E-03	9.91E-04	2.70E-02
Naphthalene						
	lbs/year	0.02403	0.0038448	0.0142578	0.0014418	15.0336
	lbs/hour	4.04E-06	6.46E-07	2.40E-06	2.42E-07	2.53E-03
Propylene						
	lbs/year	0.194076	0.03105216	0.11515176	0.01164456	0.0105408
	lbs/hour	3.26E-05	5.22E-06	1.94E-05	1.96E-06	1.77E-06
Toluene						
	lbs/year	59.94	9.5904	35.5644	3.5964	486.432
	lbs/hour	1.01E-02	1.61E-03	5.98E-03	6.04E-04	8.18E-02
Xylenes						
	lbs/year	22.086	3.53376	13.10436	1.32516	569.376
	lbs/hour	3.71E-03	5.94E-04	2.20E-03	2.23E-04	9.57E-02
Acute						
Benzene						
	lbs/year	29.646	4.74336	17.58996	1.77876	60.6528
	lbs/hour	7.25E-03	1.37E-03	5.09E-03	5.15E-04	1.76E-02
Toluene						
	lbs/year	72.9	11.664	43.254	4.374	501.12
	lbs/hour	1.78E-02	3.38E-03	1.25E-02	1.27E-03	1.45E-01
Xylenes						
	lbs/year	27.486	4.39776	16.30836	1.64916	597.024
	lbs/hour	6.72E-03	1.27E-03	4.72E-03	4.77E-04	1.73E-01

Novato Costco

Emissions Determination - Operational Gasoline Station

Version Date: *7/8/2025*

Emissions Per Source

Cancer/Chronic

	Benzene		Ethylbenzene		n-Hexane	
	lbs/year	lbs/hour	lbs/year	lbs/hour	lbs/year	lbs/hour
Loading	24.678	4.15E-03	5.778	9.71E-04	98.28	1.65E-02
Breathing	3.94848	6.64E-04	0.92448	1.55E-04	15.7248	2.64E-03
Refilling	14.64228	2.46E-03	3.43E+00	5.76E-04	5.83E+01	9.80E-03
Hose	1.48068	2.49E-04	3.47E-01	5.83E-05	5.90E+00	9.91E-04
Spil1	61.0848	1.03E-02	1.11E+02	1.87E-02	1.61E+02	2.70E-02
	Naphthalene		**Propylene**		**Toluene**	
	lbs/year	lbs/hour	lbs/year	lbs/hour	lbs/year	lbs/hour
Loading	0.02403	3.84E-03	0.194076	3.26E-05	59.94	1.01E-02
Breathing	0.0038448	6.46E-07	0.03105216	5.22E-06	9.5904	1.61E-03
Refilling	0.0142578	2.40E-06	1.15E-01	1.94E-05	3.56E+01	5.98E-03
Hose	0.0014418	2.42E-07	1.16E-02	1.96E-06	3.60E+00	6.04E-04
Spil1	15.0336	2.53E-03	1.05E-02	1.77E-06	4.86E+02	8.18E-02
	Xylenes					
	lbs/year	lbs/hour				
Loading	22.086	3.71E-03				
Breathing	3.53376	5.94E-04				
Refilling	13.10436	2.20E-03				
Hose	1.32516	2.23E-04				
Spil1	569.376	9.57E-02				

Acute

	Benzene		Toluene		Xylenes	
	lbs/year	lbs/hour	lbs/year	lbs/hour	lbs/year	lbs/hour
Loading	29.646	7.25E-03	72.9	1.78E-02	27.486	6.72E-03
Breathing	4.74336	1.37E-03	11.66	3.38E-03	4.39776	1.27E-03
Refilling	17.59	5.09E-03	43.25	1.25E-02	1.63E+01	4.72E-03
Hose	1.78	5.15E-04	4.37	1.27E-03	1.65E+00	4.77E-04
Spil1	60.65	1.76E-02	501.12	1.45E-01	5.97E+02	1.73E-01

Novato Costco
Operational Vehicle Emissions

Source	meters	miles	
TK1	435.1	0.270358606	
TK2	1156.8	0.718802195	
Car1	417.2	0.259236061	All
Car2	1145.5	0.711780701	New,Div,50%pb
Car3	974.8	0.605712638	50% PB
Car4	162.6	0.101034956	Warehouse+gas

Vehicles	Number	idle minutes
Gas(All)	6,870	3,958
Gas (New-Divert- 50% PB)	3,788	
Gas (Pass-by 50%)	832.5	
Gas (Warehouse)	2,250	
Diesel	12	120

1609.344	meter per mile	
453.59237	gr per pound	
2000	pounds per ton	
350	days per year	
17	hrs/day	
2.5	Multiplying the RUNEX emissions rate for 5 MPH by 2.5 mph/hr will produce the approximated idle emissions rates in grams per hour.	
1	gr =	0.00220452 lbs
1	gr =	1.00E-06 MT
120	minutes/day (total truck idling)	
3958	minutes/day (total car idling)	
60	Minutes/hr	

Truck Diesel Vehicles — Source: EMFAC

TOG Running (grams/mi)	TOG Idle (grams/hr)	PM10 Running (grams/mi)	PM10 Idle (grams/hr)	PM2.5 Running (grams/mi)	PM2.5 Idle (grams/hr)
0.017384248	2.685895	0.009398518	0.020535502	0.008991943	0.01964715

Gasoline Vehicles — Source: EMFAC

TOG Running (grams/mi)	TOG Idle (grams/hr)	Start (gr/start)	Evap (gr/start)
0.015093052	0.25966	0.035033517	0.096247076

Novato Costco
Operational Vehicle Emissions

Speciation

	Gasoline			Diesel
		TOG Weighted		TOG
	Starting[1]	Running/Idling[2]	Evaporative[3]	Running/Idle[4,5]
Benzene	2.84%	3.89%	1.44%	0.0129
Ethylbenzene	1.42%	1.19%	0.93%	6.30E-03
n-Hexane	1.04%	0.78%	-	0.0054
Napthalene	0.06%	0.37%	-	1.00%
Propylene	-	2.20%	-	-
Toluene	8.03%	4.75%	-	0.03
Xylenes	1.95%	1.20%	-	0.038
1-3 Butadiene	0.71%	0.24%	-	0.0008
Formaldehyde	1.54%	2.15%	-	0.2174
Acrolein	0.01%	0.00%	-	1.00E-02
Acetaldehyde	0.95%	0.90%	-	6.93E-02

1 CARB 2013. *Organic Gas Speciation Profiles for Catalyzed Gasoline-Powered Vehicle Start Exhaust - E6 Fuel (OG2303 & OG2304)*. October. https://ww3.arb.ca.gov/ei/speciate/profilereference/cate6start_og2301&02.pdf

2 CARB 2013. *Organic Gas Speciation Profiles for Catalyzed Gasoline-Powered Vehicle Stabalized Running Exhaust - E6 Fuel (OG2303 & OG2304)*. December. https://ww3.arb.ca.gov/ei/speciate/profilereference/cate6running_og2303&04.pdf

3 CARB 2015. *Organic Gas Speciation Profiles for Gasoline-Powered Vehicle Hot Soak Evaporation - E10 Summer Fuel (OG2315)*. January. https://ww3.arb.ca.gov/ei/speciate/profilereference/cate6running_og2303&04.pdf

4 U.S.EPA 2020 *Air Toxics Emissions from Onroad Vehicles in MOVES3.* November. https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P1010TJM.pdf

5 DPM is used for truck emissions and not the speciation to avoide double counting risk.

Novato Costco
Operational Vehicle Emissions

Emissions

benzene

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	5.87E-04	2.59E-01	6,870	1.05E+00	8.07E-01	1.36E-04	2.31E-03	
Car21hr	5.87E-04	7.12E-01	3,788	1.58E+00	1.22E+00	2.05E-04	3.49E-03	
Car3	5.87E-04	6.06E-01	833	2.96E-01	2.29E-01	3.84E-05	6.53E-04	
Car4	5.87E-04	1.01E-01	2,250	1.34E-01	1.03E-01	1.73E-05	2.94E-04	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	1.01E-02	1.68E-04	3,958	6.66E-01	0.51	8.64E-05	1.47E-03	Idle
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
Qcar1hrS	9.93E-04		3435	3.41E+00	2.63	4.43E-04	7.52E-03	Start
Qcar1hrE	1.39E-03		3435	4.77E+00	3.68	6.19E-04	1.05E-02	Evap

Ethybenzene

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	1.80E-04	2.59E-01	6,870	3.20E-01	2.47E-01	4.15E-05	7.06E-04	
Car21hr	1.80E-04	7.12E-01	3,788	4.85E-01	3.74E-01	6.28E-05	1.07E-03	
Car3	1.80E-04	6.06E-01	833	9.06E-02	6.99E-02	1.18E-05	2.00E-04	
Car4	1.80E-04	1.01E-01	2,250	4.09E-02	3.15E-02	5.30E-06	9.01E-05	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	3.09E-03	5.15E-05	3,958	2.04E-01	0.16	2.65E-05	4.50E-04	Idle
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	Idle
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	4.96E-04		3435	1.71E+00	1.32	2.21E-04	3.76E-03	Start
QCar1hrE	8.99E-04		3435	3.09E+00	2.38	4.01E-04	6.81E-03	Evap

Novato Costco
Operational Vehicle Emissions

n-Hexane

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	1.17E-04	2.59E-01	6,870	2.09E-01	1.61E-01	2.71E-05	4.60E-04	
Car21hr	1.17E-04	7.12E-01	3,788	3.16E-01	2.44E-01	4.10E-05	6.96E-04	
Car3	1.17E-04	6.06E-01	833	5.91E-02	4.56E-02	7.66E-06	1.30E-04	
Car4	1.17E-04	1.01E-01	2,250	2.66E-02	2.05E-02	3.45E-06	5.87E-05	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	2.02E-03	3.36E-05	3,958	1.33E-01	0.10	1.72E-05	2.93E-04	
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	3.66E-04		3435	1.26E+00	0.97	1.63E-04	2.77E-03	Start

Napthalene

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	5.56E-05	2.59E-01	6,870	9.91E-02	7.64E-02	1.28E-05	2.18E-04	
Car21hr	5.56E-05	7.12E-01	3,788	1.50E-01	1.16E-01	1.94E-05	3.31E-04	
Car3	5.56E-05	6.06E-01	833	2.80E-02	2.16E-02	3.64E-06	6.18E-05	
Car4	5.56E-05	1.01E-01	2,250	1.26E-02	9.76E-03	1.64E-06	2.79E-05	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	9.57E-04	1.59E-05	3,958	6.31E-02	0.05	8.19E-06	1.39E-04	
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	2.24E-05		3435	7.70E-02	0.06	9.99E-06	1.70E-04	Start

Novato Costco
Operational Vehicle Emissions

Propylene

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	3.32E-04	2.59E-01	6,870	5.91E-01	4.56E-01	7.66E-05	1.30E-03	
Car21hr	3.32E-04	7.12E-01	3,788	8.94E-01	6.90E-01	1.16E-04	1.97E-03	
Car3	3.32E-04	6.06E-01	833	1.67E-01	1.29E-01	2.17E-05	3.69E-04	
Car4	3.32E-04	1.01E-01	2,250	7.54E-02	5.82E-02	9.78E-06	1.66E-04	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	5.70E-03	9.51E-05	3,958	3.76E-01	0.29	4.88E-05	8.30E-04	
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	0.00E+00		3435	0.00E+00	0.00	0.00E+00	0.00E+00	Start

Toluene

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	7.18E-04	2.59E-01	6,870	1.28E+00	9.86E-01	1.66E-04	2.82E-03	
Car21hr	7.18E-04	7.12E-01	3,788	1.93E+00	1.49E+00	2.51E-04	4.26E-03	
Car3	7.18E-04	6.06E-01	833	3.62E-01	2.79E-01	4.69E-05	7.98E-04	
Car4	7.18E-04	1.01E-01	2,250	1.63E-01	1.26E-01	2.12E-05	3.60E-04	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	1.23E-02	2.06E-04	3,958	8.14E-01	0.63	1.06E-04	1.80E-03	
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	2.81E-03		3435	9.66E+00	7.45	1.25E-03	2.13E-02	Start

Novato Costco
Operational Vehicle Emissions

Xylenes

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	1.80E-04	2.59E-01	6,870	3.21E-01	2.48E-01	4.17E-05	7.08E-04	
Car21hr	1.80E-04	7.12E-01	3,788	4.86E-01	3.75E-01	6.31E-05	1.07E-03	
Car3	1.80E-04	6.06E-01	833	9.10E-02	7.02E-02	1.18E-05	2.01E-04	
Car4	1.80E-04	1.01E-01	2,250	4.10E-02	3.16E-02	5.32E-06	9.04E-05	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	3.10E-03	5.17E-05	3,958	2.05E-01	0.16	2.65E-05	4.51E-04	
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	6.84E-04		3435	2.35E+00	1.81	3.05E-04	5.18E-03	Start

1,3-butadiene

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	3.66E-05	2.59E-01	6,870	6.52E-02	5.03E-02	8.46E-06	1.44E-04	
Car21hr	3.66E-05	7.12E-01	3,788	9.88E-02	7.62E-02	1.28E-05	2.18E-04	
Car3	3.66E-05	6.06E-01	833	1.85E-02	1.43E-02	2.40E-06	4.07E-05	
Car4	3.66E-05	1.01E-01	2,250	8.33E-03	6.43E-03	1.08E-06	1.84E-05	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	6.30E-04	1.05E-05	3,958	4.16E-02	0.03	5.39E-06	9.17E-05	
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	2.49E-04		3435	8.54E-01	0.66	1.11E-04	1.88E-03	Start

Novato Costco
Operational Vehicle Emissions

Formaldehyde

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	3.24E-04	2.59E-01	6,870	5.78E-01	4.46E-01	7.49E-05	1.27E-03	
Car21hr	3.24E-04	7.12E-01	3,788	8.74E-01	6.75E-01	1.13E-04	1.93E-03	
Car3	3.24E-04	6.06E-01	833	1.64E-01	1.26E-01	2.12E-05	3.60E-04	
Car4	3.24E-04	1.01E-01	2,250	7.37E-02	5.69E-02	9.56E-06	1.63E-04	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	5.58E-03	9.30E-05	3,958	3.68E-01	0.28	4.77E-05	8.11E-04	
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	5.40E-04		3435	1.86E+00	1.43	2.41E-04	4.09E-03	Start

Acrolein

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	2.14E-07	2.59E-01	6,870	3.81E-04	2.94E-04	4.94E-08	8.40E-07	
Car21hr	2.14E-07	7.12E-01	3,788	5.77E-04	4.45E-04	7.48E-08	1.27E-06	
Car3	2.14E-07	6.06E-01	833	1.08E-04	8.33E-05	1.40E-08	2.38E-07	
Car4	2.14E-07	1.01E-01	2,250	4.87E-05	3.75E-05	6.31E-09	1.07E-07	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	3.68E-06	6.14E-08	3,958	2.43E-04	0.00	3.15E-08	5.35E-07	
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	2.43E-06		3435	8.34E-03	0.01	1.08E-06	1.84E-05	Start

Novato Costco
Operational Vehicle Emissions

Acetaldehyde

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	1.36E-04	2.59E-01	6,870	2.42E-01	1.87E-01	3.14E-05	5.33E-04	
Car21hr	1.36E-04	7.12E-01	3,788	3.66E-01	2.83E-01	4.75E-05	8.07E-04	
Car3	1.36E-04	6.06E-01	833	6.85E-02	5.29E-02	8.88E-06	1.51E-04	
Car4	1.36E-04	1.01E-01	2,250	3.09E-02	2.38E-02	4.01E-06	6.81E-05	
TK11Hr	0.00E+00	2.59E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK21Hr	0.00E+00	7.12E-01	12	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	2.34E-03	3.90E-05	3,958	1.54E-01	0.12	2.00E-05	3.40E-04	
IDLT1hr	0.00E+00	0.00E+00	120	0.00E+00	0.00	0.00E+00	0.00E+00	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	3.33E-04		3435	1.14E+00	0.88	1.48E-04	2.52E-03	Start

DPM

	gr/mi	miles/trip	trips/day	gr/day	lbs/year	lbs/hr	lbs/day	
Car11h	0.00E+00	2.59E-01	6,870	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Car21hr	0.00E+00	7.12E-01	3,788	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Car3	0.00E+00	6.06E-01	833	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Car4	0.00E+00	1.01E-01	2,250	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
TK11Hr	9.40E-03	2.59E-01	12	2.92E-02	2.26E-02	3.79E-06	6.45E-05	
TK21Hr	9.40E-03	7.12E-01	12	8.03E-02	6.19E-02	1.04E-05	1.77E-04	
	gr/hr	**gr/min**	**minutes/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hr	0.00	0.00E+00	3,958	0.00E+00	0.00	0.00E+00	0.00E+00	
IDLT1hr	0.02	3.42E-04	120	4.11E-02	0.03	7.55E-06	9.05E-05	
	gr/start		**starts/day**	**gr/day**	**lbs/year**	**lbs/hr**	**lbs/day**	
QCar1hrS	0.00E+00		3435	0.00E+00	0.00	0.00E+00	0.00E+00	Start

OBJECTID *	Roadway R	F2	F3	cancrsk	chronhi	pm25	Lat	Long
1	22	539351.8	4215469	1.251688	0.000336	0.00158	38.08615	-122.551
2	25	539381.8	4215469	1.498794	0.000403	0.001892	38.08615	-122.551
3	26	539113.9	4215518	0.602101	0.000162	0.001104	38.0866	-122.554
4	32	539135.3	4215461	0.711105	0.000191	0.001037	38.08609	-122.554
5	62	539339.7	4215237	0.908193	0	0.001146	38.08406	-122.551
6	63	539357.4	4215233	0.908193	0	0.001146	38.08403	-122.551
7	64	539394.1	4215200	0.945684	0	0.001194	38.08372	-122.551
8	81	539371.5	4215194	0.945684	0	0.001194	38.08367	-122.551
9	82	539364.4	4215192	0.853953	0	0.001078	38.08366	-122.551
10	83	539344.6	4215200	0.853953	0	0.001078	38.08373	-122.551
11	84	539409.7	4215113	0.898112	0.000241	0.001134	38.08295	-122.551
12	85	539355.9	4215137	0.802562	0.000216	0.001013	38.08316	-122.551
13	119	539634.9	4215272	2.071797	0.001177	0.002615	38.08437	-122.548

0.602101	0.000162	0.001104
0.908193	0.000191	0.001146

OID_	Roadway_F	F2	F3	chronhi	pm25	cancrsk	Lat	Long
1	22	539351.8	4215469	0.067419	0.521293	19.00937	38.08615	-122.551
2	25	539381.8	4215469	0.067419	0.521293	19.00937	38.08615	-122.551
3	26	539113.9	4215518	0.075396	0.553865	21.40952	38.0866	-122.554
4	32	539135.3	4215461	0.05944	0.439139	17.16546	38.08609	-122.554
5	62	539339.7	4215237	0.074811	0.568289	20.77828	38.08406	-122.551
6	63	539357.4	4215233	0.164752	1.214878	46.70963	38.08403	-122.551
7	64	539394.1	4215200	0.272902	2.014012	68.70198	38.08372	-122.551
8	81	539371.5	4215194	0.093208	0.715852	25.02033	38.08367	-122.551
9	82	539364.4	4215192	0.093208	0.715852	25.02033	38.08366	-122.551
10	83	539344.6	4215200	0.093208	0.715852	25.02033	38.08373	-122.551
11	84	539409.7	4215113	0.095923	0.709661	25.22142	38.08295	-122.551
12	85	539355.9	4215137	0.061331	0.459933	16.79581	38.08316	-122.551
13	119	539634.9	4215272	0.040324	0.295951	11.95557	38.08437	-122.548

0.074811	0.568289	20.77828
0.075396	0.553865	21.40952

Novato Costco
Worker Adjustment Factor For HARP

Worker Adjustment Factor - HARP Operation

5:00 AM	10:00 PM	7days	Site Hours
8:30	5:00 PM	Mon-Fri	Offsite Receptor Hours

Equation 4.1

WAF = (Hresidentid/Hsource) X (Dresidentid/Dsource) X DF

1.41	WAF	Worker Adjustment Factor
24	Hresidential	Number of hours per day the longterm residential concentration is based on (24 hours)
17	Hsource	Number of hourse the source operates per day
7	Dresidential	Number of days per week the long-term residential concentration is based (7 days)
7	Dsource	Number of days the source operates per week
	DF	Discount facotr for when the source overalps with the receptors schedule

DF = (Hcoincident/Hworker) x (Dcoincident/Dworker)

1	DF	Discount factor assessing cancer patients
8.5	Hcoincident	Number of hours per day the offsite worker's schedule and the source emission scheduel overlap
8.5	Hworker	Number of hours the offsite worker works per day
5	Dcoincident	Number of days per week the offsite worker's scheudle and the source's emissions schedule overlap
5	Dworker	the number of days the offsite worker works per week

Worker Adjustment Factor - HARP Construction

10	hours	5 days	Construction Hours
8:30	5:00 PM	Mon-Fri	Offsite Receptor Hours

Equation 4.1

WAF = (Hresidentid/Hsource) X (Dresidentid/Dsource) X DF

3.57	WAF	Worker Adjustment Factor
24	Hresidential	Number of hours per day the longterm residential concentration is based on (24 hours)
10	Hsource	Number of hourse the source operates per day
7	Dresidential	Number of days per week the long-term residential concentration is based (7 days)
5	Dsource	Number of days the source operates per week
	DF	Discount facotr for when the source overalps with the receptors schedule

DF = (Hcoincident/Hworker) x (Dcoincident/Dworker)

1.06	DF	Discount factor assessing cancer patients
8.5	Hcoincident	Number of hours per day the offsite worker's schedule and the source emission scheduel overlap
8	Hworker	Number of hours the offsite worker works per day
5	Dcoincident	Number of days per week the offsite worker's scheudle and the source's emissions schedule overlap
5	Dworker	the number of days the offsite worker works per week

2022 CARB & CAPCOA Gasoline Service Station Industrywide Risk Assessment Look-up Tool
Version 1.0 - February 18, 2022

Required Value	User Defined Input	Instructions	
Annual Throughput (gallons/year)	36,000,000	Enter your gas station's annual throughput in gallons of gasoline dispensed per year.	
Hourly Dispensing Throughput (gallons/hour)	4000	The tool will calculate the maximum hourly vehicle fueling throughput based on annual throughput as defined by Table 10 of the 2020 Gasoline Service Station Industrywide Risk Assessment Technical Guidance Document (Technical Guidance). If a different value is desired please enter it into cell L4.	4000
Hourly Loading Throughput (gallons/hour)	8000	The tool will calculate the maximum hourly loading throughput based on annual throughput as defined by Table 10 of the Technical Guidance. If a different value is desired please enter it into cell L5.	8000
Meteorological Data	San Jose	Select appropriate meteorological data. Met sets provided include 2 rural (Redding and Lancaster) and 4 urban (Fresno, Ontario, San Diego, and San Jose) locations. Use whichever best correlates to your location. If you would like to use site-specific meteorological data please refer to the Variable Met Tool.	
Distance to Nearest Resident (meters)	371.72	Enter the distance to the nearest residential receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).	
Distance to Nearest Business (meters)	371.72	Enter the distance to the nearest worker receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).	
Distance to Acute Receptor (meters)	371.72	Enter the distance where acute impacts are expected in meters as measured from the edge of the station canopy. This can be the distance to the property boundary, nearest resident, nearest worker, or any other user defined location. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).	
Control Scenario	EVR Phase I & EVR Phase II	Select the appropriate control scenario for your gas station. Please refer to technical Guidance for an explanation of the different control scenarios. Almost all gas stations in California are equipped with EVR Phase I and EVR Phase II controls.	
Include Building Downwash Adjustments	no	Building downwash may over estimate risk results. High results should be investigated further through site-specific health risk assessment.	

Risk Value	Results
Max Residential Cancer Risk (chances/million)	2.46
Max Worker Cancer Risk (chances/million)	0.20
Chronic HI	0.01
Acute HI	0.02

2022 CARB & CAPCOA Gasoline Service Station Industrywide Risk Assessment Look-up Tool
Version 1.0 - February 18, 2022

Required Value	User Defined Input	Instructions	
Annual Throughput (gallons/year)	36,000,000	Enter your gas station's annual throughput in gallons of gasoline dispensed per year.	
Hourly Dispensing Throughput (gallons/hour)	4000	The tool will calculate the maximum hourly vehicle fueling throughput based on annual throughput as defined by Table 10 of the 2020 Gasoline Service Station Industrywide Risk Assessment Technical Guidance Document (Technical Guidance). If a different value is desired please enter it into cell L4.	4000
Hourly Loading Throughput (gallons/hour)	8000	The tool will calculate the maximum hourly loading throughput based on annual throughput as defined by Table 10 of the Technical Guidance. If a different value is desired please enter it into cell L5.	8000
Meteorological Data	San Jose	Select appropriate meteorological data. Met sets provided include 2 rural (Redding and Lancaster) and 4 urban (Fresno, Ontario, San Diego, and San Jose) locations. Use whichever best correlates to your location. If you would like to use site-specific meteorological data please refer to the Variable Met Tool.	
Distance to Nearest Resident (meters)	353.58	Enter the distance to the nearest residential receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).	
Distance to Nearest Business (meters)	353.58	Enter the distance to the nearest worker receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).	
Distance to Acute Receptor (meters)	353.58	Enter the distance where acute impacts are expected in meters as measured from the edge of the station canopy. This can be the distance to the property boundary, nearest resident, nearest worker, or any other user defined location. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).	
Control Scenario	EVR Phase I & EVR Phase II	Select the appropriate control scenario for your gas station. Please refer to technical Guidance for an explanation of the different control scenarios. Almost all gas stations in California are equipped with EVR Phase I and EVR Phase II controls.	
Include Building Downwash Adjustments	no	Building downwash may over estimate risk results. High results should be investigated further through site-specific health risk assessment.	

Risk Value	Results
Max Residential Cancer Risk (chances/million)	2.46
Max Worker Cancer Risk (chances/million)	0.20
Chronic HI	0.01
Acute HI	0.02

2022 CARB & CAPCOA Gasoline Service Station Industrywide Risk Assessment Look-up Tool
Version 1.0 - February 18, 2022

Required Value	User Defined Input	Instructions	
Annual Throughput (gallons/year)	36,000,000	Enter your gas station's annual throughput in gallons of gasoline dispensed per year.	
Hourly Dispensing Throughput (gallons/hour)	4000	The tool will calculate the maximum hourly vehicle fueling throughput based on annual throughput as defined by Table 10 of the 2020 Gasoline Service Station Industrywide Risk Assessment Technical Guidance Document (Technical Guidance). If a different value is desired please enter it into cell L4.	4000
Hourly Loading Throughput (gallons/hour)	8000	The tool will calculate the maximum hourly loading throughput based on annual throughput as defined by Table 10 of the Technical Guidance. If a different value is desired please enter it into cell L5.	8000
Meteorological Data	San Jose	Select appropriate meteorological data. Met sets provided include 2 rural (Redding and Lancaster) and 4 urban (Fresno, Ontario, San Diego, and San Jose) locations. Use whichever best correlates to your location. If you would like to use site-specific meteorological data please refer to the Variable Met Tool.	
Distance to Nearest Resident (meters)	271	Enter the distance to the nearest residential receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).	
Distance to Nearest Business (meters)	271	Enter the distance to the nearest worker receptor in meters as measured from the edge of the station canopy. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).	
Distance to Acute Receptor (meters)	271	Enter the distance where acute impacts are expected in meters as measured from the edge of the station canopy. This can be the distance to the property boundary, nearest resident, nearest worker, or any other user defined location. Please note that the value must be between 10 and 1000 meters. The distance you input will round down to the nearest receptor distance used in the Technical Guidance (e.g., 19m will return value at 10m distance).	
Control Scenario	EVR Phase I & EVR Phase II	Select the appropriate control scenario for your gas station. Please refer to technical Guidance for an explanation of the different control scenarios. Almost all gas stations in California are equipped with EVR Phase I and EVR Phase II controls.	
Include Building Downwash Adjustments	no	Building downwash may over estimate risk results. High results should be investigated further through site-specific health risk assessment.	

Risk Value	Results
Max Residential Cancer Risk (chances/million)	4.10
Max Worker Cancer Risk (chances/million)	0.34
Chronic HI	0.02
Acute HI	0.03

PM2.5 Concentrations

Source Group: CON1 - AERMOD Concentrations

	Rec	X	Y	Concentration (AVERAGE CONC) [ug/m^3] Con1	Con3	Parea2	TK1	TK2	Elevation	Hill Heights	Flag-Pole	igin Period	ce Group (H	Hours (NUM	Net ID	PM2.5 Con1	Con3	Parea2	TK1	TK2	PM2.5 Total
1	worker	539341.8	4215428.7	17.80233	16.18112	18.06739	0.15031	1.1879	10.03	567	1.5	PERIOD	CON1	43848		0.015522	0.011809	0.02505	9.78553E-07	2.05611E-05	0.052402
2	worker	539351.8	4215428.7	18.13608	16.66434	18.46207	0.14782	1.33298	10.03	567	1.5	PERIOD	CON1	43848		0.015813	0.012161	0.025597	9.62343E-07	2.30722E-05	0.053596
3	worker	539361.8	4215428.7	17.96829	16.69647	18.33701	0.14533	1.51539	10.02	567	1.5	PERIOD	CON1	43848		0.015667	0.012185	0.025424	9.46132E-07	2.62295E-05	0.053302
4	worker	539371.8	4215428.7	17.29615	16.27596	17.68655	0.14284	1.74401	10.01	567	1.5	PERIOD	CON1	43848		0.015081	0.011878	0.024522	9.29922E-07	3.01866E-05	0.051512
5	worker	539381.8	4215428.7	16.17492	15.44584	16.56251	0.14034	2.0235	10.01	567	1.5	PERIOD	CON1	43848		0.014103	0.011272	0.022964	9.13646E-07	3.50243E-05	0.048375
6	worker	539341.8	4215438.7	22.32912	20.06646	22.50878	0.15218	1.25698	9.98	567	1.5	PERIOD	CON1	43848		0.019469	0.014644	0.031208	9.90727E-07	2.17568E-05	0.065344
7	worker	539351.8	4215438.7	22.75398	20.66209	23.01811	0.14961	1.42375	9.97	567	1.5	PERIOD	CON1	43848		0.019839	0.015079	0.031914	9.73996E-07	2.46433E-05	0.066858
8	worker	539361.8	4215438.7	22.45427	20.61365	22.78192	0.14703	1.63991	9.97	567	1.5	PERIOD	CON1	43848		0.019578	0.015043	0.031587	9.572E-07	2.83848E-05	0.066237
9	worker	539371.8	4215438.7	21.42886	19.92727	21.79549	0.14447	1.92374	9.96	567	1.5	PERIOD	CON1	43848		0.018684	0.014543	0.030219	9.40533E-07	3.32975E-05	0.06348
10	worker	539381.8	4215438.7	19.75601	18.67804	20.14419	0.1419	2.29063	9.95	567	1.5	PERIOD	CON1	43848		0.017225	0.013631	0.02793	9.23802E-07	3.96479E-05	0.058826
11	worker	539341.8	4215448.7	28.79628	25.46185	28.77567	0.15406	1.32775	9.94	567	1.5	PERIOD	CON1	43848		0.025108	0.018582	0.039897	1.00297E-06	2.29817E-05	0.08361
12	worker	539351.8	4215448.7	29.37418	26.21358	29.47868	0.15141	1.51817	9.92	567	1.5	PERIOD	CON1	43848		0.025612	0.01913	0.040872	9.85715E-07	2.62776E-05	0.085641
13	worker	539361.8	4215448.7	28.90072	26.04835	29.08874	0.14877	1.77428	9.9	567	1.5	PERIOD	CON1	43848		0.025199	0.01901	0.040331	9.68527E-07	3.07106E-05	0.084571
14	worker	539371.8	4215448.7	27.31922	24.95382	27.5761	0.14612	2.12862	9.88	567	1.5	PERIOD	CON1	43848		0.02382	0.018211	0.038234	9.51275E-07	3.68438E-05	0.080302
15	worker	539381.8	4215448.7	24.74175	23.04528	25.10321	0.14349	2.62079	9.85	567	1.5	PERIOD	CON1	43848		0.021572	0.016818	0.034805	9.34153E-07	4.53626E-05	0.073242
16	worker	539341.8	4215458.7	38.53461	33.25417	38.06538	0.15597	1.39974	9.91	567	1.5	PERIOD	CON1	43848		0.033599	0.024268	0.052777	1.0154E-06	2.42278E-05	0.110669
17	worker	539351.8	4215458.7	39.41875	34.23264	39.14454	0.15324	1.61532	9.87	567	1.5	PERIOD	CON1	43848		0.034369	0.024982	0.054273	9.97628E-07	2.79592E-05	0.113654
18	worker	539361.8	4215458.7	38.70353	33.88296	38.47742	0.15052	1.91632	9.83	567	1.5	PERIOD	CON1	43848		0.033746	0.024727	0.053348	9.7992E-07	3.31691E-05	0.111855
19	worker	539371.8	4215458.7	36.21634	32.1582	36.11084	0.1478	2.35876	9.79	567	1.5	PERIOD	CON1	43848		0.031577	0.023468	0.050067	9.62213E-07	4.08272E-05	0.105154
20	worker	539381.8	4215458.7	32.03931	29.1512	32.30503	0.14509	3.03061	9.76	567	1.5	PERIOD	CON1	43848		0.027935	0.021274	0.04479	9.4457E-07	5.24561E-05	0.094053
21	worker	539341.8	4215468.7	54.37525	45.16683	52.6779	0.1579	1.47492	9.87	567	1.5	PERIOD	CON1	43848		0.04741	0.032962	0.073037	1.02797E-06	2.5529E-05	0.153435
22	worker	539351.8	4215468.7	55.93357	46.43147	54.48941	0.15509	1.71745	9.82	567	1.5	PERIOD	CON1	43848		0.048769	0.033885	0.075549	1.00967E-06	2.97269E-05	0.158233
23	worker	539361.8	4215468.7	54.92524	45.76368	53.25358	0.15229	2.06865	9.76	567	1.5	PERIOD	CON1	43848		0.04789	0.033397	0.073835	9.91444E-07	3.58058E-05	0.155159
24	worker	539371.8	4215468.7	50.85941	43.12409	49.45301	0.1495	2.61864	9.71	567	1.5	PERIOD	CON1	43848		0.044345	0.031471	0.068566	9.7328E-07	4.53254E-05	0.144428
25	worker	539381.8	4215468.7	43.62789	38.15287	43.52858	0.14671	3.55083	9.66	567	1.5	PERIOD	CON1	43848		0.038039	0.027843	0.060352	9.55116E-07	6.14604E-05	0.126297
26	26 (Res)	539113.9	4215517.52	1.09292	0.98731	0.74086	0.23821	0.38839	11.85	567	1.5	PERIOD	CON1	43848		0.000953	0.000721	0.001027	1.5508E-06	6.72255E-06	0.002709
27	26	539096.5	4215515.99	0.91283	0.83219	0.61376	0.24193	0.35854	12.09	567	1.5	PERIOD	CON1	43848		0.000796	0.000607	0.000851	1.57502E-06	6.20588E-06	0.002262
28	26	539108.3	4215501.18	1.00191	0.91209	0.67353	0.23181	0.36358	12.1	567	1.5	PERIOD	CON1	43848		0.000874	0.000666	0.000934	1.50914E-06	6.29312E-06	0.002481
29	26	539096	4215500.67	0.88715	0.81211	0.59361	0.23428	0.34519	12.26	567	1.5	PERIOD	CON1	43848		0.000774	0.000593	0.000823	1.52522E-06	5.97481E-06	0.002197
30	26	539108.3	4215486.38	0.9846	0.90026	0.67249	0.22481	0.35131	12.26	567	1.5	PERIOD	CON1	43848		0.000858	0.000657	0.000932	1.46357E-06	6.08074E-06	0.002455
31	26	539094.5	4215485.36	0.86058	0.79148	0.58479	0.22714	0.33152	12.43	567	1.5	PERIOD	CON1	43848		0.00075	0.000578	0.000811	1.47873E-06	5.7382E-06	0.002146
32	26	539135.3	4215461.36	1.26743	1.14988	0.91522	0.20844	0.37107	12.17	567	1.5	PERIOD	CON1	43848		0.001105	0.000839	0.001269	1.35699E-06	6.42276E-06	0.003221
33	26	539150.1	4215439.91	1.42712	1.29019	1.08086	0.19728	0.37575	12.2	567	1.5	PERIOD	CON1	43848		0.001244	0.000942	0.001499	1.28434E-06	6.50376E-06	0.003692
34	26	539114.4	4215452.68	1.00497	0.92127	0.7262	0.2088	0.33371	12.55	567	1.5	PERIOD	CON1	43848		0.000876	0.000672	0.001007	1.35934E-06	5.7761E-06	0.002563
35	26	539123.1	4215439.4	1.07071	0.97878	0.79297	0.20191	0.33565	12.57	567	1.5	PERIOD	CON1	43848		0.000934	0.000714	0.001099	1.31448E-06	5.80968E-06	0.002754
36	26	539159.3	4215421.02	1.48893	1.34925	1.16514	0.18887	0.37367	12.28	567	1.5	PERIOD	CON1	43848		0.001298	0.000985	0.001615	1.22959E-06	6.46776E-06	0.003906
37	26	539145	4215416.43	1.26079	1.15062	0.98172	0.18967	0.3482	12.52	567	1.5	PERIOD	CON1	43848		0.001099	0.00084	0.001361	1.2348E-06	6.02691E-06	0.003307
38	26	539134.3	4215410.81	1.11469	1.02126	0.86695	0.18955	0.3296	12.73	567	1.5	PERIOD	CON1	43848		0.000972	0.000745	0.001202	1.23401E-06	5.70497E-06	0.002926
39	26	539131.8	4215425.11	1.13072	1.03342	0.86163	0.19517	0.33671	12.61	567	1.5	PERIOD	CON1	43848		0.000986	0.000754	0.001195	1.2706E-06	5.82803E-06	0.002942
40	26	539206.8	4215383.75	2.16692	1.92695	1.90812	0.16918	0.4174	12.04	567	1.5	PERIOD	CON1	43848		0.001889	0.001406	0.002646	1.1014E-06	7.22467E-06	0.005949
41	26	539216	4215372.52	2.26554	2.02223	2.06913	0.1646	0.42167	12.03	567	1.5	PERIOD	CON1	43848		0.001975	0.001476	0.002869	1.07158E-06	7.29858E-06	0.006328
42	26	539188.9	4215382.22	1.74698	1.56901	1.48473	0.17164	0.38509	12.3	567	1.5	PERIOD	CON1	43848		0.001523	0.001145	0.002059	1.11742E-06	6.66543E-06	0.004735
43	26	539176.2	4215379.67	1.50392	1.36128	1.25421	0.17283	0.36313	12.5	567	1.5	PERIOD	CON1	43848		0.001311	0.000993	0.001739	1.12516E-06	6.28533E-06	0.004051
44	26	539165.4	4215376.09	1.328	1.2082	1.09515	0.17346	0.34435	12.68	567	1.5	PERIOD	CON1	43848		0.001158	0.000882	0.001518	1.12927E-06	5.96027E-06	0.003565
45	26	539248.8	4215356.71	2.91478	2.64872	2.85111	0.15511	0.468	11.76	567	1.5	PERIOD	CON1	43848		0.002541	0.001933	0.003953	1.0098E-06	8.1005E-06	0.008437
46	26	539243.5	4215348.45	2.59712	2.36935	2.54058	0.15417	0.44466	11.92	567	1.5	PERIOD	CON1	43848		0.002264	0.001729	0.003522	1.00368E-06	7.69651E-06	0.007525
47	26	539265.6	4215345.25	3.09602	2.84972	3.09333	0.14975	0.48884	11.65	567	1.5	PERIOD	CON1	43848		0.002699	0.00208	0.004289	9.74908E-07	8.46121E-06	0.009077
48	26	539260.8	4215338.05	2.79937	2.58358	2.79564	0.14895	0.46634	11.78	567	1.5	PERIOD	CON1	43848		0.002441	0.001885	0.003876	9.69699E-07	8.07176E-06	0.008211
49	26	539256.3	4215351.38	3.00116	2.74423	2.9675	0.15265	0.47698	11.72	567	1.5	PERIOD	CON1	43848		0.002617	0.002003	0.004114	9.93787E-07	8.25593E-06	0.008743
50	26	539272.8	4215331.92	2.91892	2.70984	2.94174	0.14576	0.48472	11.64	567	1.5	PERIOD	CON1	43848		0.002545	0.001978	0.004079	9.48932E-07	8.3899E-06	0.008611
51	26	539264.8	4215324.99	2.59969	2.4169	2.61409	0.14555	0.45589	11.76	567	1.5	PERIOD	CON1	43848		0.002267	0.001764	0.003624	9.47565E-07	7.89089E-06	0.007664
52	26	539280.8	4215321.79	2.82185	2.63491	2.86034	0.14244	0.48686	11.6	567	1.5	PERIOD	CON1	43848		0.00246	0.001923	0.003966	9.27318E-07	8.42694E-06	0.008358
53	26	539280	4215307.14	2.47974	2.3271	2.51818	0.13968	0.46176	11.69	567	1.5	PERIOD	CON1	43848		0.002162	0.001698	0.003491	9.09349E-07	7.99249E-06	0.007361
54	26	539288	4215313.8	2.74591	2.57449	2.79425	0.13976	0.4903	11.58	567	1.5	PERIOD	CON1	43848		0.002394	0.001879	0.003874	9.0987E-07	8.48648E-06	0.008157
55	26	539297.8	4215304.74	2.66812	2.51279	2.72693	0.13655	0.4977	11.55	567	1.5	PERIOD	CON1	43848		0.002326	0.001834	0.003781	8.88972E-07	8.61457E-06	0.00795
56	26	539289.6	4215296.21	2.38305	2.24666	2.43091	0.1362	0.46501	11.68	567	1.5	PERIOD	CON1	43848		0.002078	0.00164	0.00337	8.86694E-07	8.04874E-06	0.007097
57	26	539311.2	4215287.68	2.43328	2.30726	2.5007	0.13152	0.49703	11.61	567	1.5	PERIOD	CON1	43848		0.002122	0.001684	0.003467	8.56226E-07	8.60297E-06	0.007282
58	26	539303.7	4215281.28	2.24117	2.12512	2.29926	0.13149	0.46989	11.71	567	1.5	PERIOD	CON1	43848		0.001954	0.001551	0.003188	8.56031E-07	8.13321E-06	0.006702
59	26	539303.7	4215296.21	2.54224	2.40225	2.60499	0.13412	0.49595	11.58	567	1.5	PERIOD	CON1	43848		0.002217	0.001753	0.003612	8.73153E-07	8.58428E-06	0.007591
60	26	539314.3	4215271.79	2.15497	2.0512	2.21934	0.12838	0.47434	11.76	567	1.5	PERIOD	CON1	43848		0.001879	0.001497	0.003077	8.35784E-07	8.21023E-06	0.006462
61	26	539329.1	4215260.48	2.06035	1.9714	2.1339	0.12451	0.48226	11.71	567	1.5	PERIOD	CON1	43848		0.001796	0.001439	0.002959	8.10589E-07	8.34732E-06	0.006203
62	26	539339.7	4215237.16	1.77118	1.70453	1.84478	0.11958	0.45655	11.82	567	1.5	PERIOD	CON1	43848		0.001544	0.001244	0.002558	7.78494E-07	7.90231E-06	0.005355

Source Group: CON1 - AERMOD Concentrations

		X	Y	Concentration (AVERAGE CONC) [ug/m^3]					Elevation	Hill	Flag-	igin Period	ce Group (H	Hours (NUM	Net ID	PM2.5					PM2.5
	Rec			Con1	Con3	Parea2	TK1	TK2		Heights	Pole					Con1	Con3	Parea2	TK1	TK2	Total
63	26	539357.4	4215232.92	1.7767	1.71887	1.86284	0.11668	0.47473	11.63	567	1.5	PERIOD	CON1	43848		0.001549	0.001254	0.002583	7.59614E-07	8.21698E-06	0.005395
64	26	539394.1	4215199.7	1.46191	1.43108	1.54176	0.10777	0.45214	11.51	567	1.5	PERIOD	CON1	43848		0.001275	0.001044	0.002138	7.01608E-07	7.82598E-06	0.004465
65	26	539045	4215579.21	0.69225	0.63722	0.52548	0.29394	0.33985	11.41	567	1.5	PERIOD	CON1	43848		0.000604	0.000465	0.000729	1.91362E-06	5.88238E-06	0.001805
66	26	539034.4	4215591.93	0.66238	0.61073	0.51406	0.30641	0.33551	11.27	567	1.5	PERIOD	CON1	43848		0.000578	0.000446	0.000713	1.9948E-06	5.80726E-06	0.001744
67	26	539054.9	4215556.59	0.69819	0.64273	0.50417	0.2758	0.33451	11.65	567	1.5	PERIOD	CON1	43848		0.000609	0.000469	0.000699	1.79552E-06	5.78995E-06	0.001784
68	26	539058.4	4215538.92	0.68416	0.63063	0.47341	0.26377	0.32543	11.84	567	1.5	PERIOD	CON1	43848		0.000597	0.00046	0.000656	1.7172E-06	5.63279E-06	0.00172
69	26	539054.9	4215520.55	0.63901	0.59124	0.426	0.25396	0.30741	12.04	567	1.5	PERIOD	CON1	43848		0.000557	0.000431	0.000591	1.65334E-06	5.32088E-06	0.001586
70	26	539082.4	4215477.44	0.76761	0.7099	0.52539	0.2257	0.3113	12.51	567	1.5	PERIOD	CON1	43848		0.000669	0.000518	0.000728	1.46936E-06	5.38821E-06	0.001923
71	26	539074	4215466.13	0.70787	0.65676	0.49214	0.22206	0.29424	12.63	567	1.5	PERIOD	CON1	43848		0.000617	0.000479	0.000682	1.44566E-06	5.09293E-06	0.001785
72	26	539098.7	4215440.69	0.8511	0.78157	0.61932	0.20662	0.30607	12.89	567	1.5	PERIOD	CON1	43848		0.000742	0.00057	0.000859	1.34514E-06	5.29769E-06	0.002178
73	26	539109.3	4215426.56	0.91523	0.8386	0.68304	0.19926	0.30954	12.9	567	1.5	PERIOD	CON1	43848		0.000798	0.000612	0.000947	1.29723E-06	5.35775E-06	0.002364
74	26	539117.1	4215415.96	0.961	0.8807	0.73267	0.19402	0.31185	12.91	567	1.5	PERIOD	CON1	43848		0.000838	0.000643	0.001016	1.26312E-06	5.39773E-06	0.002503
75	26	539125.6	4215401.11	0.99868	0.91699	0.7804	0.18737	0.31206	12.96	567	1.5	PERIOD	CON1	43848		0.000871	0.000669	0.001082	1.21982E-06	5.40137E-06	0.002629
76	26	539158.8	4215367.19	1.20106	1.09538	0.99144	0.17166	0.32873	12.87	567	1.5	PERIOD	CON1	43848		0.001047	0.000799	0.001375	1.11755E-06	5.68991E-06	0.003228
77	26	539150.3	4215357.3	1.06926	0.97698	0.88229	0.16973	0.31071	13.1	567	1.5	PERIOD	CON1	43848		0.000932	0.000713	0.001223	1.10498E-06	5.378E-06	0.002875
78	26	539184.2	4215339.63	1.3685	1.24383	1.22863	0.16047	0.33933	12.82	567	1.5	PERIOD	CON1	43848		0.001193	0.000908	0.001703	1.0447E-06	5.87338E-06	0.003811
79	26	539222.4	4215324.79	1.83019	1.683	1.77975	0.15166	0.37933	12.35	567	1.5	PERIOD	CON1	43848		0.001596	0.001228	0.002468	9.87342E-07	6.56573E-06	0.005299
80	26	539243.6	4215317.72	2.0977	1.94689	2.08889	0.14721	0.40575	12.01	567	1.5	PERIOD	CON1	43848		0.001829	0.001421	0.002896	9.58372E-07	7.02303E-06	0.006154
81	26	539371.5	4215194.05	1.3887	1.35228	1.46376	0.10983	0.41944	11.86	567	1.5	PERIOD	CON1	43848		0.001211	0.000987	0.002029	7.15019E-07	7.25998E-06	0.004235
82	26	539364.4	4215191.93	1.35838	1.3207	1.4303	0.11047	0.40891	11.98	567	1.5	PERIOD	CON1	43848		0.001184	0.000964	0.001983	7.19186E-07	7.07772E-06	0.004139
83	26	539344.6	4215200.41	1.38855	1.34293	1.45305	0.11386	0.40166	12.15	567	1.5	PERIOD	CON1	43848		0.001211	0.00098	0.002015	7.41255E-07	6.95223E-06	0.004213
84	26	539409.7	4215113.48	0.89771	0.88277	0.9463	0.09676	0.33085	12.21	567	1.5	PERIOD	CON1	43848		0.000783	0.000644	0.001312	6.2993E-07	5.7266E-06	0.002745
85	26	539355.9	4215136.8	0.97103	0.9462	1.02496	0.10447	0.32782	12.59	567	1.5	PERIOD	CON1	43848		0.000847	0.000691	0.001421	6.80124E-07	5.67416E-06	0.002965
86	26	539262.7	4215288.75	1.94983	1.83618	1.97406	0.13845	0.40402	11.89	567	1.5	PERIOD	CON1	43848		0.0017	0.00134	0.002737	9.01342E-07	6.99308E-06	0.005785
87	26	539282.4	4215261.19	1.76182	1.67365	1.79926	0.13087	0.40246	11.93	567	1.5	PERIOD	CON1	43848		0.001536	0.001221	0.002495	8.51994E-07	6.96608E-06	0.00526
88	26	539299.4	4215235.04	1.5585	1.48953	1.6022	0.12431	0.39413	12.14	567	1.5	PERIOD	CON1	43848		0.001359	0.001087	0.002221	8.09287E-07	6.8219E-06	0.004675
89	26	539168.5	4215647.44	3.33307	3.05327	3.70045	0.28722	0.77163	9.69	567	1.5	PERIOD	CON1	43848		0.002906	0.002228	0.005131	1.86987E-06	1.3356E-05	0.01028
90	26	538949.3	4216163.17	0.25076	0.25072	0.26828	3.84132	1.00175	6.98	567	1.5	PERIOD	CON1	43848		0.000219	0.000183	0.000372	2.50079E-05	1.7339E-05	0.000816
91	26	539352	4215796.95	1.79298	1.79227	1.87982	0.2278	7.29784	7.07	7.07	1.5	PERIOD	CON1	43848		0.001563	0.001308	0.002606	1.48303E-06	0.000126317	0.005605
FENCEPRI	539359	4215583	57.41702	56.73092	57.48647	72.46442	0.17499	2.71208	567	1.5	PERIOD	CON1	43848	43848		0.049464	0.041952	0.100471	1.13923E-06	4.69427E-05	0.191935
FENCEPRI	539293.8	4215539	77.31071	74.87451	64.11171	84.32911	0.18904	1.21363	567	1.5	PERIOD	CON1	43848	43848		0.065283	0.046787	0.116921	1.23069E-06	2.10064E-05	0.229014
FENCEPRI	539260.8	4215517	24.10851	24.50003	13.69083	23.55373	0.19414	0.84859	567	1.5	PERIOD	CON1	43848	43848		0.021362	0.009991	0.032657	1.2639E-06	1.4688E-05	0.064026
FENCEPRI	539279.4	4215504	42.42973	41.75105	26.70986	46.63932	0.18439	0.91922	567	1.5	PERIOD	CON1	43848	43848		0.036403	0.019492	0.064665	1.20042E-06	1.59106E-05	0.120577
FENCEPRI	539292.2	4215496	54.09847	53.07314	43.71367	58.36764	0.17835	0.98384	567	1.5	PERIOD	CON1	43848	43848		0.046275	0.031901	0.080926	1.1611E-06	1.7029E-05	0.15912
FENCEPRI	539319	4215487	73.61248	72.42423	71.28638	74.98116	0.16834	1.21995	567	1.5	PERIOD	CON1	43848	43848		0.063147	0.052023	0.10396	1.09593E-06	2.11158E-05	0.219153
FENCEPRI	539337.1	4215483	78.74531	77.54944	74.77817	79.09073	0.16206	1.48955	567	1.5	PERIOD	CON1	43848	43848		0.067616	0.054572	0.109658	1.05505E-06	2.57823E-05	0.231872
FENCEPRI	539356.1	4215482	79.56211	78.6383	74.81459	80.89952	0.15634	2.03214	567	1.5	PERIOD	CON1	43848	43848		0.068565	0.054598	0.112166	1.01781E-06	3.51738E-05	0.235365
FENCEPRI	539369.9	4215483	75.41868	74.59337	75.27529	78.75077	0.15252	2.86074	567	1.5	PERIOD	CON1	43848	43848		0.065038	0.054934	0.109186	9.92941E-07	4.95158E-05	0.22921
FENCEPRI	539384.7	4215487	51.4792	51.21716	63.854	69.86825	0.14883	2.11212	567	1.5	PERIOD	CON1	43848	43848		0.044657	0.046599	0.096871	9.68918E-07	3.65582E-05	0.188164
FENCEPRI	539391.5	4215491	57.58369	57.0626	57.13279	60.54715	0.1474	2.52409	567	1.5	PERIOD	CON1	43848	43848		0.049753	0.041694	0.083947	9.59608E-07	4.36889E-05	0.17544
FENCEINT	539342.7	4215572	81.85256	80.53831	81.05824	103.7073	0.17903	2.25955	567	1.5	PERIOD	CON1	43848	43848		0.070222	0.059155	0.143788	1.16553E-06	3.911E-05	0.273205
FENCEINT	539326.4	4215561	84.13043	82.31924	85.38701	105.1019	0.18276	1.84837	567	1.5	PERIOD	CON1	43848	43848		0.071775	0.062314	0.145722	1.18981E-06	3.1993E-05	0.279843
FENCEINT	539310.1	4215550	87.93585	85.40222	78.18231	97.50794	0.18605	1.49368	567	1.5	PERIOD	CON1	43848	43848		0.074463	0.057056	0.135193	1.21123E-06	2.58537E-05	0.266738
FENCEINT	539277.3	4215528	51.2101	49.99216	32.2738	60.5047	0.19179	1.00334	567	1.5	PERIOD	CON1	43848	43848		0.043588	0.023553	0.083889	1.2486E-06	1.73666E-05	0.151048
FENCEINT	539270.1	4215510	33.51472	33.42421	18.64886	32.48066	0.18919	0.88201	567	1.5	PERIOD	CON1	43848	43848		0.029143	0.01361	0.045034	1.23167E-06	1.52665E-05	0.087803
FENCEINT	539305.6	4215491	67.53225	66.25333	64.86078	68.76853	0.17329	1.08703	567	1.5	PERIOD	CON1	43848	43848		0.057767	0.047334	0.095346	1.12816E-06	1.88151E-05	0.200467
FENCEINT	539385	4215509	79.60403	78.1621	90.2678	102.4542	0.15238	5.09232	567	1.5	PERIOD	CON1	43848	43848		0.06815	0.065876	0.142051	9.92029E-07	8.81417E-05	0.276165
FENCEINT	539378.5	4215528	93.05134	91.36715	131.4773	117.1749	0.15761	3.91341	567	1.5	PERIOD	CON1	43848	43848		0.079664	0.095949	0.162461	1.02608E-06	6.77362E-05	0.338142
FENCEINT	539372	4215546	91.41921	89.78667	100.4924	118.5822	0.16314	3.27489	567	1.5	PERIOD	CON1	43848	43848		0.078285	0.073337	0.164412	1.06208E-06	5.66843E-05	0.316092
FENCEINT	539365.5	4215565	80.60062	79.14355	89.1731	106.9758	0.16899	2.91427	567	1.5	PERIOD	CON1	43848	43848		0.069006	0.065077	0.14832	1.10016E-06	5.04424E-05	0.282454

Appendix B

AERMOD Outputs

Construction

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/15/2025
** FILE: C:\LAKES\PROJECT FILES\NOVATO CONST_JULY 2025\NOVATO CONST_JULY 2025.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 260206 2021_MARIN_COUNTY_POPULATION
   POLLUTID PM_10
   FLAGPOLE 1.50
   RUNORNOT RUN
   ERRORFIL "NOVATO CONST_JULY 2025.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
** ------------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK1
** DESCRSRC ROWLAND BLVD FROM FREEWAY
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 5
** 538657.948, 4216141.138, 8.89, 3.40, 18.60
** 538850.641, 4216298.644, 6.34, 3.40, 18.60
** 538924.368, 4216322.103, 4.67, 3.40, 18.60
** 539001.445, 4216303.671, 5.69, 3.40, 18.60
** 539021.552, 4216281.888, 5.26, 3.40, 18.60
** ------------------------------------------------------------------------
   LOCATION L0000340     VOLUME   538665.690 4216147.467 9.10
   LOCATION L0000341     VOLUME   538696.661 4216172.782 8.41
   LOCATION L0000342     VOLUME   538727.631 4216198.097 7.71
   LOCATION L0000343     VOLUME   538758.601 4216223.411 7.25
   LOCATION L0000344     VOLUME   538789.572 4216248.726 7.02
   LOCATION L0000345     VOLUME   538820.542 4216274.041 6.62
   LOCATION L0000346     VOLUME   538851.713 4216298.985 5.92
   LOCATION L0000347     VOLUME   538889.830 4216311.113 5.37
   LOCATION L0000348     VOLUME   538928.021 4216321.229 4.92
   LOCATION L0000349     VOLUME   538966.924 4216311.926 4.83
   LOCATION L0000350     VOLUME   539004.501 4216300.360 4.74
** END OF LINE VOLUME SOURCE ID = TK1
** ------------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK2
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** DESCRSRC ROWLAND ONSITE
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 7
** 539029.612, 4216290.183, 5.21, 3.40, 13.95
** 539100.752, 4216205.659, 5.62, 3.40, 13.95
** 539217.806, 4216025.677, 6.34, 3.40, 13.95
** 539531.169, 4215560.094, 8.27, 3.40, 13.95
** 539487.368, 4215529.546, 8.50, 3.40, 13.95
** 539433.749, 4215494.358, 9.68, 3.40, 13.95
** 539401.913, 4215484.305, 9.86, 3.40, 13.95
** ------------------------------------------------------------------
   LOCATION L0000555     VOLUME   539034.442 4216284.445 5.24
   LOCATION L0000556     VOLUME   539053.759 4216261.493 5.35
   LOCATION L0000557     VOLUME   539073.077 4216238.540 5.46
   LOCATION L0000558     VOLUME   539092.395 4216215.588 5.57
   LOCATION L0000559     VOLUME   539110.033 4216191.389 5.68
   LOCATION L0000560     VOLUME   539126.389 4216166.240 5.78
   LOCATION L0000561     VOLUME   539142.745 4216141.091 5.88
   LOCATION L0000562     VOLUME   539159.101 4216115.942 5.98
   LOCATION L0000563     VOLUME   539175.457 4216090.792 6.08
   LOCATION L0000564     VOLUME   539191.813 4216065.643 6.18
   LOCATION L0000565     VOLUME   539208.169 4216040.494 6.28
   LOCATION L0000566     VOLUME   539224.688 4216015.452 6.38
   LOCATION L0000567     VOLUME   539241.439 4215990.565 6.49
   LOCATION L0000568     VOLUME   539258.190 4215965.677 6.59
   LOCATION L0000569     VOLUME   539274.940 4215940.789 6.69
   LOCATION L0000570     VOLUME   539291.691 4215915.901 6.80
   LOCATION L0000571     VOLUME   539308.442 4215891.013 6.90
   LOCATION L0000572     VOLUME   539325.193 4215866.125 7.00
   LOCATION L0000573     VOLUME   539341.944 4215841.237 7.10
   LOCATION L0000574     VOLUME   539358.695 4215816.349 7.21
   LOCATION L0000575     VOLUME   539375.446 4215791.461 7.31
   LOCATION L0000576     VOLUME   539392.197 4215766.574 7.41
   LOCATION L0000577     VOLUME   539408.948 4215741.686 7.52
   LOCATION L0000578     VOLUME   539425.699 4215716.798 7.62
   LOCATION L0000579     VOLUME   539442.450 4215691.910 7.72
   LOCATION L0000580     VOLUME   539459.200 4215667.022 7.83
   LOCATION L0000581     VOLUME   539475.951 4215642.134 7.93
   LOCATION L0000582     VOLUME   539492.702 4215617.246 8.03
   LOCATION L0000583     VOLUME   539509.453 4215592.358 8.14
   LOCATION L0000584     VOLUME   539526.204 4215567.470 8.24
   LOCATION L0000585     VOLUME   539513.855 4215548.019 8.36
   LOCATION L0000586     VOLUME   539489.249 4215530.857 8.49
   LOCATION L0000587     VOLUME   539464.204 4215514.344 9.01
   LOCATION L0000588     VOLUME   539439.122 4215497.884 9.56
   LOCATION L0000589     VOLUME   539411.270 4215487.260 9.81
** END OF LINE VOLUME SOURCE ID = TK2
   LOCATION PAREA2       AREAPOLY   539360.193  4215583.794        8.770
** DESCRSRC PM2.5
** ------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CON3
** DESCRSRC BUILDING CONSTRUCTION
** PREFIX
** LENGTH OF SIDE = 6.10
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 16
** 539384.455, 4215508.590, 9.85, 1.30, 5.67
** 539362.924, 4215564.456, 9.46, 1.30, 5.67
** 539353.807, 4215558.831, 9.55, 1.30, 5.67
** 539375.338, 4215500.249, 9.88, 1.30, 5.67
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** 539364.476, 4215499.085, 10.20, 1.30, 5.67
** 539343.720, 4215551.654, 9.70, 1.30, 5.67
** 539332.663, 4215544.088, 9.87, 1.30, 5.67
** 539348.569, 4215499.861, 10.23, 1.30, 5.67
** 539337.318, 4215499.473, 10.25, 1.30, 5.67
** 539320.830, 4215535.553, 9.98, 1.30, 5.67
** 539312.489, 4215529.928, 10.00, 1.30, 5.67
** 539319.666, 4215503.547, 10.30, 1.30, 5.67
** 539310.549, 4215506.068, 10.33, 1.30, 5.67
** 539302.790, 4215523.527, 9.98, 1.30, 5.67
** 539295.225, 4215517.901, 9.96, 1.30, 5.67
** 539301.044, 4215509.366, 10.37, 1.30, 5.67
** ----------------------------------------------------------------------
   LOCATION L0000351     VOLUME   539383.359 4215511.434 9.23
   LOCATION L0000352     VOLUME   539378.975 4215522.811 9.17
   LOCATION L0000353     VOLUME   539374.590 4215534.187 9.11
   LOCATION L0000354     VOLUME   539370.205 4215545.563 9.05
   LOCATION L0000355     VOLUME   539365.821 4215556.939 8.98
   LOCATION L0000356     VOLUME   539359.404 4215562.284 9.01
   LOCATION L0000357     VOLUME   539355.744 4215553.560 9.16
   LOCATION L0000358     VOLUME   539359.950 4215542.117 9.23
   LOCATION L0000359     VOLUME   539364.156 4215530.673 9.29
   LOCATION L0000360     VOLUME   539368.362 4215519.230 9.34
   LOCATION L0000361     VOLUME   539372.568 4215507.786 9.38
   LOCATION L0000362     VOLUME   539371.200 4215499.806 9.46
   LOCATION L0000363     VOLUME   539362.482 4215504.135 9.52
   LOCATION L0000364     VOLUME   539358.004 4215515.475 9.49
   LOCATION L0000365     VOLUME   539353.527 4215526.815 9.48
   LOCATION L0000366     VOLUME   539349.050 4215538.155 9.42
   LOCATION L0000367     VOLUME   539344.572 4215549.495 9.36
   LOCATION L0000368     VOLUME   539335.573 4215546.080 9.52
   LOCATION L0000369     VOLUME   539335.596 4215535.934 9.63
   LOCATION L0000370     VOLUME   539339.722 4215524.461 9.68
   LOCATION L0000371     VOLUME   539343.848 4215512.989 9.68
   LOCATION L0000372     VOLUME   539347.974 4215501.516 9.68
   LOCATION L0000373     VOLUME   539338.142 4215499.502 9.79
   LOCATION L0000374     VOLUME   539332.593 4215509.812 9.82
   LOCATION L0000375     VOLUME   539327.526 4215520.901 9.85
   LOCATION L0000376     VOLUME   539322.458 4215531.990 9.85
   LOCATION L0000377     VOLUME   539313.970 4215530.927 9.94
   LOCATION L0000378     VOLUME   539315.221 4215519.887 10.00
   LOCATION L0000379     VOLUME   539318.421 4215508.123 9.98
   LOCATION L0000380     VOLUME   539312.486 4215505.533 10.01
   LOCATION L0000381     VOLUME   539306.414 4215515.373 10.02
   LOCATION L0000382     VOLUME   539300.166 4215521.576 10.01
   LOCATION L0000383     VOLUME   539298.624 4215512.916 10.03
** END OF LINE VOLUME SOURCE ID = CON3
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CON1
** DESCRSRC DEMO, PAVING, GRADING
** PREFIX
** LENGTH OF SIDE = 6.10
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 20
** 539387.365, 4215492.296, 9.88, 1.30, 5.67
** 539357.880, 4215576.483, 9.55, 1.30, 5.67
** 539275.051, 4215517.513, 10.12, 1.30, 5.67
** 539296.971, 4215501.413, 10.38, 1.30, 5.67
** 539324.516, 4215491.326, 10.25, 1.30, 5.67
** 539354.777, 4215488.610, 10.19, 1.30, 5.67
** 539380.188, 4215489.580, 9.90, 1.30, 5.67
** 539354.001, 4215563.875, 9.56, 1.30, 5.67
** 539285.526, 4215517.125, 9.95, 1.30, 5.67
** 539307.252, 4215505.292, 10.34, 1.30, 5.67
** 539347.017, 4215497.339, 10.22, 1.30, 5.67
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** 539367.385, 4215496.175, 10.19, 1.30, 5.67
** 539350.703, 4215550.490, 9.59, 1.30, 5.67
** 539302.790, 4215518.677, 9.97, 1.30, 5.67
** 539323.740, 4215506.262, 10.29, 1.30, 5.67
** 539358.462, 4215500.831, 10.21, 1.30, 5.67
** 539341.763, 4215535.622, 9.78, 1.30, 5.67
** 539319.860, 4215519.453, 9.99, 1.30, 5.67
** 539332.663, 4215510.918, 9.89, 1.30, 5.67
** 539347.017, 4215510.530, 9.68, 1.30, 5.67
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   LOCATION L0000487     VOLUME   539386.358 4215495.172 9.87
   LOCATION L0000488     VOLUME   539382.328 4215506.679 9.82
   LOCATION L0000489     VOLUME   539378.298 4215518.186 9.78
   LOCATION L0000490     VOLUME   539374.268 4215529.693 9.73
   LOCATION L0000491     VOLUME   539370.238 4215541.199 9.69
   LOCATION L0000492     VOLUME   539366.208 4215552.706 9.64
   LOCATION L0000493     VOLUME   539362.178 4215564.213 9.60
   LOCATION L0000494     VOLUME   539358.148 4215575.719 9.55
   LOCATION L0000495     VOLUME   539348.608 4215569.882 9.61
   LOCATION L0000496     VOLUME   539338.676 4215562.811 9.68
   LOCATION L0000497     VOLUME   539328.744 4215555.740 9.75
   LOCATION L0000498     VOLUME   539318.812 4215548.668 9.82
   LOCATION L0000499     VOLUME   539308.880 4215541.597 9.89
   LOCATION L0000500     VOLUME   539298.948 4215534.526 9.96
   LOCATION L0000501     VOLUME   539289.016 4215527.455 10.02
   LOCATION L0000502     VOLUME   539279.084 4215520.384 10.09
   LOCATION L0000503     VOLUME   539280.887 4215513.226 10.19
   LOCATION L0000504     VOLUME   539290.713 4215506.009 10.31
   LOCATION L0000505     VOLUME   539301.129 4215499.890 10.36
   LOCATION L0000506     VOLUME   539312.577 4215495.698 10.31
   LOCATION L0000507     VOLUME   539324.026 4215491.505 10.25
   LOCATION L0000508     VOLUME   539336.139 4215490.283 10.23
   LOCATION L0000509     VOLUME   539348.283 4215489.193 10.20
   LOCATION L0000510     VOLUME   539360.444 4215488.826 10.13
   LOCATION L0000511     VOLUME   539372.627 4215489.292 9.99
   LOCATION L0000512     VOLUME   539378.650 4215493.943 9.88
   LOCATION L0000513     VOLUME   539374.597 4215505.441 9.83
   LOCATION L0000514     VOLUME   539370.544 4215516.940 9.77
   LOCATION L0000515     VOLUME   539366.491 4215528.439 9.72
   LOCATION L0000516     VOLUME   539362.438 4215539.937 9.67
   LOCATION L0000517     VOLUME   539358.385 4215551.436 9.62
   LOCATION L0000518     VOLUME   539354.332 4215562.934 9.56
   LOCATION L0000519     VOLUME   539344.755 4215557.562 9.61
   LOCATION L0000520     VOLUME   539334.686 4215550.688 9.67
   LOCATION L0000521     VOLUME   539324.617 4215543.813 9.73
   LOCATION L0000522     VOLUME   539314.547 4215536.939 9.78
   LOCATION L0000523     VOLUME   539304.478 4215530.065 9.84
   LOCATION L0000524     VOLUME   539294.409 4215523.190 9.90
   LOCATION L0000525     VOLUME   539286.787 4215516.439 9.97
   LOCATION L0000526     VOLUME   539297.493 4215510.607 10.16
   LOCATION L0000527     VOLUME   539308.311 4215505.081 10.34
   LOCATION L0000528     VOLUME   539320.266 4215502.690 10.30
   LOCATION L0000529     VOLUME   539332.222 4215500.298 10.26
   LOCATION L0000530     VOLUME   539344.177 4215497.907 10.23
   LOCATION L0000531     VOLUME   539356.297 4215496.809 10.21
   LOCATION L0000532     VOLUME   539367.067 4215497.213 10.18
   LOCATION L0000533     VOLUME   539363.487 4215508.868 10.05
   LOCATION L0000534     VOLUME   539359.907 4215520.523 9.92
   LOCATION L0000535     VOLUME   539356.328 4215532.177 9.79
   LOCATION L0000536     VOLUME   539352.748 4215543.832 9.66
   LOCATION L0000537     VOLUME   539346.348 4215547.598 9.62
   LOCATION L0000538     VOLUME   539336.191 4215540.855 9.71
   LOCATION L0000539     VOLUME   539326.034 4215534.111 9.79
   LOCATION L0000540     VOLUME   539315.877 4215527.367 9.87
   LOCATION L0000541     VOLUME   539305.720 4215520.623 9.95
   LOCATION L0000542     VOLUME   539310.253 4215514.255 10.08
   LOCATION L0000543     VOLUME   539320.741 4215508.039 10.24
   LOCATION L0000544     VOLUME   539332.342 4215504.917 10.27
   LOCATION L0000545     VOLUME   539344.387 4215503.033 10.24
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   LOCATION L0000546     VOLUME   539356.433 4215501.148 10.21
   LOCATION L0000547     VOLUME   539354.076 4215509.970 10.10
   LOCATION L0000548     VOLUME   539348.800 4215520.962 9.96
   LOCATION L0000549     VOLUME   539343.524 4215531.953 9.83
   LOCATION L0000550     VOLUME   539335.229 4215530.798 9.84
   LOCATION L0000551     VOLUME   539325.420 4215523.557 9.94
   LOCATION L0000552     VOLUME   539324.255 4215516.523 9.96
   LOCATION L0000553     VOLUME   539334.749 4215510.862 9.86
   LOCATION L0000554     VOLUME   539346.936 4215510.532 9.68
** END OF LINE VOLUME SOURCE ID = CON1
** SOURCE PARAMETERS **
** LINE VOLUME SOURCE ID = TK1
   SRCPARAM L0000340     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000341     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000342     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000343     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000344     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000345     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000346     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000347     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000348     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000349     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000350     0.0909090909      3.40     18.60      3.16
** ----------------------------------------------------------------------
** LINE VOLUME SOURCE ID = TK2
   SRCPARAM L0000555     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000556     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000557     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000558     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000559     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000560     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000561     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000562     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000563     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000564     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000565     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000566     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000567     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000568     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000569     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000570     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000571     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000572     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000573     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000574     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000575     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000576     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000577     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000578     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000579     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000580     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000581     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000582     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000583     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000584     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000585     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000586     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000587     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000588     0.0285714286      3.40     13.95      3.16
   SRCPARAM L0000589     0.0285714286      3.40     13.95      3.16
** ----------------------------------------------------------------------
   SRCPARAM PAREA2       0.0001386965     0.000         6     0.000
   AREAVERT PAREA2       539360.193 4215583.794 539264.293 4215514.222
   AREAVERT PAREA2       539294.848 4215496.289 539301.520 4215493.044
   AREAVERT PAREA2       539348.824 4215482.435 539397.555 4215489.128
** LINE VOLUME SOURCE ID = CON3
   SRCPARAM L0000351     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000352     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000353     0.0303030303      1.30      5.67      1.21
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   SRCPARAM L0000354     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000355     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000356     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000357     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000358     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000359     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000360     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000361     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000362     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000363     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000364     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000365     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000366     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000367     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000368     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000369     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000370     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000371     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000372     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000373     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000374     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000375     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000376     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000377     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000378     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000379     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000380     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000381     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000382     0.0303030303      1.30      5.67      1.21
   SRCPARAM L0000383     0.0303030303      1.30      5.67      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = CON1
   SRCPARAM L0000487     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000488     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000489     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000490     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000491     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000492     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000493     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000494     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000495     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000496     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000497     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000498     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000499     0.0147058824      1.30      5.67      1.21
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   SRCPARAM L0000503     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000504     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000505     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000506     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000507     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000508     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000509     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000510     0.0147058824      1.30      5.67      1.21
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   SRCPARAM L0000515     0.0147058824      1.30      5.67      1.21
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   SRCPARAM L0000521     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000522     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000523     0.0147058824      1.30      5.67      1.21
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   SRCPARAM L0000524     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000525     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000526     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000527     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000528     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000529     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000530     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000531     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000532     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000533     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000534     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000535     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000536     0.0147058824      1.30      5.67      1.21
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   SRCPARAM L0000541     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000542     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000543     0.0147058824      1.30      5.67      1.21
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   SRCPARAM L0000545     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000546     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000547     0.0147058824      1.30      5.67      1.21
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   SRCPARAM L0000549     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000550     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000551     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000552     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000553     0.0147058824      1.30      5.67      1.21
   SRCPARAM L0000554     0.0147058824      1.30      5.67      1.21
** ------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "CONSTRUCTION"
** WEEKDAYS:
   EMISFACT L0000340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000340     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000340     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000341     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000341     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000342     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000342     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000343     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000343     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000344     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000344     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000346     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000346     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000348     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000348     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000349     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000349     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0000340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000340     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000555     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000555     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000556     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000556     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000557     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000557     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000557     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000557     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000558     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000558     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000558     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000558     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000559     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000559     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000559     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000559     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000560     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000560     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000560     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000561     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000561     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000561     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000561     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000562     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000562     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000562     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000562     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000563     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000563     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000563     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000564     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000564     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000564     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000565     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000565     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000565     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000565     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000566     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000567     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000567     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000567     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000568     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000571     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000571     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000571     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000572     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000572     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000573     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000573     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000574     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000574     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000575     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000577     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000580     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000580     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000580     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000581     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000582     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000583     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000583     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000583     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000584     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000584     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000584     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000585     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000586     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000587     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000588     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000589     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000589     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT L0000555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000556     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000558     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000562     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SUNDAY:
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   EMISFACT L0000555     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000588     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000589     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT PAREA2       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SATURDAY:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT PAREA2       HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000351     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000351     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000352     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000352     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000353     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000353     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000353     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000355     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000370     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000370     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000370     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** SATURDAY:
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EMISFACT L0000371     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000372     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000372     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000372     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000372     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000377     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000378     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000379     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** SUNDAY:
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   EMISFACT L0000351     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000351     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000352     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000352     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000352     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000352     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000353     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000353     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000353     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000353     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000354     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000354     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000354     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000354     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000355     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000355     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000355     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000355     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000356     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000356     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000356     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000357     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000357     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000358     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000361     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000362     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000368     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000373     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000375     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000380     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000381     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000382     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000487     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000487     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000487     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000488     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000488     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000488     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000489     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000489     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000489     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000490     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000490     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000490     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000491     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000491     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000491     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000492     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000492     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000492     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000493     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000493     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000493     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000493     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000494     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000494     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000494     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000495     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000495     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000495     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000495     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000496     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000496     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000496     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000497     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000497     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000497     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000498     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000498     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000499     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000499     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000499     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000500     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000500     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000500     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000501     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000501     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000501     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000502     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000502     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000503     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000503     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000504     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000504     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000504     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000505     HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000505     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000510     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   SRCGROUP CON3     L0000375 L0000376 L0000377 L0000378 L0000379 L0000380
   SRCGROUP CON3     L0000381 L0000382 L0000383
   SRCGROUP ALL
SO FINISHED
**
**************************************
** AERMOD RECEPTOR PATHWAY
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**
**
RE STARTING
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   INCLUDED "NOVATO CONST_JULY 2025.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE "NOVATO - OPERATIONAL - DEC 2024.SFC"
   PROFFILE "NOVATO - OPERATIONAL - DEC 2024.PFL"
   SURFDATA 72040 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 1.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
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**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "NOVATO CONST_JULY 2025.AD\01H1GALL.PLT" 31
   PLOTFILE   1 PAREA2 1ST "NOVATO CONST_JULY 2025.AD\01H1G001.PLT" 32
   PLOTFILE   1 TK1 1ST "NOVATO CONST_JULY 2025.AD\01H1G002.PLT" 33
   PLOTFILE   1 TK2 1ST "NOVATO CONST_JULY 2025.AD\01H1G003.PLT" 34
   PLOTFILE   1 CON1 1ST "NOVATO CONST_JULY 2025.AD\01H1G004.PLT" 35
   PLOTFILE   1 CON3 1ST "NOVATO CONST_JULY 2025.AD\01H1G005.PLT" 36
   PLOTFILE   PERIOD ALL "NOVATO CONST_JULY 2025.AD\PE00GALL.PLT" 37
   PLOTFILE   PERIOD PAREA2 "NOVATO CONST_JULY 2025.AD\PE00G001.PLT" 38
   PLOTFILE   PERIOD TK1 "NOVATO CONST_JULY 2025.AD\PE00G002.PLT" 39
   PLOTFILE   PERIOD TK2 "NOVATO CONST_JULY 2025.AD\PE00G003.PLT" 40
   PLOTFILE   PERIOD CON1 "NOVATO CONST_JULY 2025.AD\PE00G004.PLT" 41
   PLOTFILE   PERIOD CON3 "NOVATO CONST_JULY 2025.AD\PE00G005.PLT" 42
   SUMMFILE "NOVATO CONST_JULY 2025.SUM"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W187    2291       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

```
                                        ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   148 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    260206.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    148 Source(s);       6 Source Group(s); and    2612 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    147 VOLUME source(s)
                 and:      1 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =     1.00 ;  Decay Coef. =    0.000     ;  Rot. Angle =
    0.0
                  Emission Units = GRAMS/SEC                                ;  Emission Rate Unit Factor =
0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      4.6 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out
```

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000340	0	0.90909E-01	538665.7	4216147.5	9.1	3.40	18.60	3.16	YES	HRDOW
NO										
L0000341	0	0.90909E-01	538696.7	4216172.8	8.4	3.40	18.60	3.16	YES	HRDOW
NO										
L0000342	0	0.90909E-01	538727.6	4216198.1	7.7	3.40	18.60	3.16	YES	HRDOW
NO										
L0000343	0	0.90909E-01	538758.6	4216223.4	7.2	3.40	18.60	3.16	YES	HRDOW
NO										
L0000344	0	0.90909E-01	538789.6	4216248.7	7.0	3.40	18.60	3.16	YES	HRDOW
NO										
L0000345	0	0.90909E-01	538820.5	4216274.0	6.6	3.40	18.60	3.16	YES	HRDOW
NO										
L0000346	0	0.90909E-01	538851.7	4216299.0	5.9	3.40	18.60	3.16	YES	HRDOW
NO										
L0000347	0	0.90909E-01	538889.8	4216311.1	5.4	3.40	18.60	3.16	YES	HRDOW
NO										
L0000348	0	0.90909E-01	538928.0	4216321.2	4.9	3.40	18.60	3.16	YES	HRDOW
NO										
L0000349	0	0.90909E-01	538966.9	4216311.9	4.8	3.40	18.60	3.16	YES	HRDOW
NO										
L0000350	0	0.90909E-01	539004.5	4216300.4	4.7	3.40	18.60	3.16	YES	HRDOW
NO										
L0000555	0	0.28571E-01	539034.4	4216284.4	5.2	3.40	13.95	3.16	YES	HRDOW
NO										
L0000556	0	0.28571E-01	539053.8	4216261.5	5.3	3.40	13.95	3.16	YES	HRDOW
NO										
L0000557	0	0.28571E-01	539073.1	4216238.5	5.5	3.40	13.95	3.16	YES	HRDOW
NO										
L0000558	0	0.28571E-01	539092.4	4216215.6	5.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0000559	0	0.28571E-01	539110.0	4216191.4	5.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0000560	0	0.28571E-01	539126.4	4216166.2	5.8	3.40	13.95	3.16	YES	HRDOW
NO										
L0000561	0	0.28571E-01	539142.7	4216141.1	5.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0000562	0	0.28571E-01	539159.1	4216115.9	6.0	3.40	13.95	3.16	YES	HRDOW
NO										
L0000563	0	0.28571E-01	539175.5	4216090.8	6.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0000564	0	0.28571E-01	539191.8	4216065.6	6.2	3.40	13.95	3.16	YES	HRDOW
NO										
L0000565	0	0.28571E-01	539208.2	4216040.5	6.3	3.40	13.95	3.16	YES	HRDOW
NO										
L0000566	0	0.28571E-01	539224.7	4216015.5	6.4	3.40	13.95	3.16	YES	HRDOW
NO										
L0000567	0	0.28571E-01	539241.4	4215990.6	6.5	3.40	13.95	3.16	YES	HRDOW

```
NO
 L0000568         0   0.28571E-01  539258.2 4215965.7     6.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0000569         0   0.28571E-01  539274.9 4215940.8     6.7     3.40    13.95     3.16     YES   HRDOW
NO
 L0000570         0   0.28571E-01  539291.7 4215915.9     6.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0000571         0   0.28571E-01  539308.4 4215891.0     6.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0000572         0   0.28571E-01  539325.2 4215866.1     7.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0000573         0   0.28571E-01  539341.9 4215841.2     7.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0000574         0   0.28571E-01  539358.7 4215816.3     7.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0000575         0   0.28571E-01  539375.4 4215791.5     7.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0000576         0   0.28571E-01  539392.2 4215766.6     7.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0000577         0   0.28571E-01  539408.9 4215741.7     7.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0000578         0   0.28571E-01  539425.7 4215716.8     7.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0000579         0   0.28571E-01  539442.5 4215691.9     7.7     3.40    13.95     3.16     YES   HRDOW
NO
 L0000580         0   0.28571E-01  539459.2 4215667.0     7.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0000581         0   0.28571E-01  539476.0 4215642.1     7.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0000582         0   0.28571E-01  539492.7 4215617.2     8.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0000583         0   0.28571E-01  539509.5 4215592.4     8.1     3.40    13.95     3.16     YES   HRDOW
NO
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                                *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                   BASE    RELEASE    INIT.    INIT.   URBAN  EMISSION RATE
AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY       SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)             BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - -

 L0000584         0   0.28571E-01  539526.2 4215567.5     8.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0000585         0   0.28571E-01  539513.9 4215548.0     8.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0000586         0   0.28571E-01  539489.2 4215530.9     8.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0000587         0   0.28571E-01  539464.2 4215514.3     9.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0000588         0   0.28571E-01  539439.1 4215497.9     9.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0000589         0   0.28571E-01  539411.3 4215487.3     9.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0000351         0   0.30303E-01  539383.4 4215511.4     9.2     1.30     5.67     1.21     YES   HRDOW
NO
 L0000352         0   0.30303E-01  539379.0 4215522.8     9.2     1.30     5.67     1.21     YES   HRDOW
NO
 L0000353         0   0.30303E-01  539374.6 4215534.2     9.1     1.30     5.67     1.21     YES   HRDOW
NO
```

L0000354	0	0.30303E-01	539370.2	4215545.6	9.1	1.30	5.67	1.21	YES	HRDOW
NO										
L0000355	0	0.30303E-01	539365.8	4215556.9	9.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0000356	0	0.30303E-01	539359.4	4215562.3	9.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0000357	0	0.30303E-01	539355.7	4215553.6	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0000358	0	0.30303E-01	539360.0	4215542.1	9.2	1.30	5.67	1.21	YES	HRDOW
NO										
L0000359	0	0.30303E-01	539364.2	4215530.7	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0000360	0	0.30303E-01	539368.4	4215519.2	9.3	1.30	5.67	1.21	YES	HRDOW
NO										
L0000361	0	0.30303E-01	539372.6	4215507.8	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0000362	0	0.30303E-01	539371.2	4215499.8	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0000363	0	0.30303E-01	539362.5	4215504.1	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0000364	0	0.30303E-01	539358.0	4215515.5	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0000365	0	0.30303E-01	539353.5	4215526.8	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0000366	0	0.30303E-01	539349.1	4215538.2	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0000367	0	0.30303E-01	539344.6	4215549.5	9.4	1.30	5.67	1.21	YES	HRDOW
NO										
L0000368	0	0.30303E-01	539335.6	4215546.1	9.5	1.30	5.67	1.21	YES	HRDOW
NO										
L0000369	0	0.30303E-01	539335.6	4215535.9	9.6	1.30	5.67	1.21	YES	HRDOW
NO										
L0000370	0	0.30303E-01	539339.7	4215524.5	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0000371	0	0.30303E-01	539343.8	4215513.0	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0000372	0	0.30303E-01	539348.0	4215501.5	9.7	1.30	5.67	1.21	YES	HRDOW
NO										
L0000373	0	0.30303E-01	539338.1	4215499.5	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0000374	0	0.30303E-01	539332.6	4215509.8	9.8	1.30	5.67	1.21	YES	HRDOW
NO										
L0000375	0	0.30303E-01	539327.5	4215520.9	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0000376	0	0.30303E-01	539322.5	4215532.0	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0000377	0	0.30303E-01	539314.0	4215530.9	9.9	1.30	5.67	1.21	YES	HRDOW
NO										
L0000378	0	0.30303E-01	539315.2	4215519.9	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0000379	0	0.30303E-01	539318.4	4215508.1	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0000380	0	0.30303E-01	539312.5	4215505.5	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0000381	0	0.30303E-01	539306.4	4215515.4	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0000382	0	0.30303E-01	539300.2	4215521.6	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0000383	0	0.30303E-01	539298.6	4215512.9	10.0	1.30	5.67	1.21	YES	HRDOW
NO										
L0000487	0	0.14706E-01	539386.4	4215495.2	9.9	1.30	5.67	1.21	YES	HRDOW
NO										

*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000488	0	0.14706E-01	539382.3	4215506.7	9.8	1.30	5.67	1.21	YES	HRDOW NO
L0000489	0	0.14706E-01	539378.3	4215518.2	9.8	1.30	5.67	1.21	YES	HRDOW NO
L0000490	0	0.14706E-01	539374.3	4215529.7	9.7	1.30	5.67	1.21	YES	HRDOW NO
L0000491	0	0.14706E-01	539370.2	4215541.2	9.7	1.30	5.67	1.21	YES	HRDOW NO
L0000492	0	0.14706E-01	539366.2	4215552.7	9.6	1.30	5.67	1.21	YES	HRDOW NO
L0000493	0	0.14706E-01	539362.2	4215564.2	9.6	1.30	5.67	1.21	YES	HRDOW NO
L0000494	0	0.14706E-01	539358.1	4215575.7	9.6	1.30	5.67	1.21	YES	HRDOW NO
L0000495	0	0.14706E-01	539348.6	4215569.9	9.6	1.30	5.67	1.21	YES	HRDOW NO
L0000496	0	0.14706E-01	539338.7	4215562.8	9.7	1.30	5.67	1.21	YES	HRDOW NO
L0000497	0	0.14706E-01	539328.7	4215555.7	9.8	1.30	5.67	1.21	YES	HRDOW NO
L0000498	0	0.14706E-01	539318.8	4215548.7	9.8	1.30	5.67	1.21	YES	HRDOW NO
L0000499	0	0.14706E-01	539308.9	4215541.6	9.9	1.30	5.67	1.21	YES	HRDOW NO
L0000500	0	0.14706E-01	539298.9	4215534.5	10.0	1.30	5.67	1.21	YES	HRDOW NO
L0000501	0	0.14706E-01	539289.0	4215527.5	10.0	1.30	5.67	1.21	YES	HRDOW NO
L0000502	0	0.14706E-01	539279.1	4215520.4	10.1	1.30	5.67	1.21	YES	HRDOW NO
L0000503	0	0.14706E-01	539280.9	4215513.2	10.2	1.30	5.67	1.21	YES	HRDOW NO
L0000504	0	0.14706E-01	539290.7	4215506.0	10.3	1.30	5.67	1.21	YES	HRDOW NO
L0000505	0	0.14706E-01	539301.1	4215499.9	10.4	1.30	5.67	1.21	YES	HRDOW NO
L0000506	0	0.14706E-01	539312.6	4215495.7	10.3	1.30	5.67	1.21	YES	HRDOW NO
L0000507	0	0.14706E-01	539324.0	4215491.5	10.2	1.30	5.67	1.21	YES	HRDOW NO
L0000508	0	0.14706E-01	539336.1	4215490.3	10.2	1.30	5.67	1.21	YES	HRDOW NO
L0000509	0	0.14706E-01	539348.3	4215489.2	10.2	1.30	5.67	1.21	YES	HRDOW NO
L0000510	0	0.14706E-01	539360.4	4215488.8	10.1	1.30	5.67	1.21	YES	HRDOW NO
L0000511	0	0.14706E-01	539372.6	4215489.3	10.0	1.30	5.67	1.21	YES	HRDOW NO
L0000512	0	0.14706E-01	539378.7	4215493.9	9.9	1.30	5.67	1.21	YES	HRDOW NO
L0000513	0	0.14706E-01	539374.6	4215505.4	9.8	1.30	5.67	1.21	YES	HRDOW NO
L0000514	0	0.14706E-01	539370.5	4215516.9	9.8	1.30	5.67	1.21	YES	HRDOW NO
L0000515	0	0.14706E-01	539366.5	4215528.4	9.7	1.30	5.67	1.21	YES	HRDOW NO
L0000516	0	0.14706E-01	539362.4	4215539.9	9.7	1.30	5.67	1.21	YES	HRDOW NO

L0000517	0	0.14706E-01	539358.4	4215551.4	9.6	1.30	5.67	1.21	YES	HRDOW	NO
L0000518	0	0.14706E-01	539354.3	4215562.9	9.6	1.30	5.67	1.21	YES	HRDOW	NO
L0000519	0	0.14706E-01	539344.8	4215557.6	9.6	1.30	5.67	1.21	YES	HRDOW	NO
L0000520	0	0.14706E-01	539334.7	4215550.7	9.7	1.30	5.67	1.21	YES	HRDOW	NO
L0000521	0	0.14706E-01	539324.6	4215543.8	9.7	1.30	5.67	1.21	YES	HRDOW	NO
L0000522	0	0.14706E-01	539314.5	4215536.9	9.8	1.30	5.67	1.21	YES	HRDOW	NO
L0000523	0	0.14706E-01	539304.5	4215530.1	9.8	1.30	5.67	1.21	YES	HRDOW	NO
L0000524	0	0.14706E-01	539294.4	4215523.2	9.9	1.30	5.67	1.21	YES	HRDOW	NO
L0000525	0	0.14706E-01	539286.8	4215516.4	10.0	1.30	5.67	1.21	YES	HRDOW	NO
L0000526	0	0.14706E-01	539297.5	4215510.6	10.2	1.30	5.67	1.21	YES	HRDOW	NO
L0000527	0	0.14706E-01	539308.3	4215505.1	10.3	1.30	5.67	1.21	YES	HRDOW	NO

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000528	0	0.14706E-01	539320.3	4215502.7	10.3	1.30	5.67	1.21	YES	HRDOW	NO
L0000529	0	0.14706E-01	539332.2	4215500.3	10.3	1.30	5.67	1.21	YES	HRDOW	NO
L0000530	0	0.14706E-01	539344.2	4215497.9	10.2	1.30	5.67	1.21	YES	HRDOW	NO
L0000531	0	0.14706E-01	539356.3	4215496.8	10.2	1.30	5.67	1.21	YES	HRDOW	NO
L0000532	0	0.14706E-01	539367.1	4215497.2	10.2	1.30	5.67	1.21	YES	HRDOW	NO
L0000533	0	0.14706E-01	539363.5	4215508.9	10.1	1.30	5.67	1.21	YES	HRDOW	NO
L0000534	0	0.14706E-01	539359.9	4215520.5	9.9	1.30	5.67	1.21	YES	HRDOW	NO
L0000535	0	0.14706E-01	539356.3	4215532.2	9.8	1.30	5.67	1.21	YES	HRDOW	NO
L0000536	0	0.14706E-01	539352.7	4215543.8	9.7	1.30	5.67	1.21	YES	HRDOW	NO
L0000537	0	0.14706E-01	539346.3	4215547.6	9.6	1.30	5.67	1.21	YES	HRDOW	NO
L0000538	0	0.14706E-01	539336.2	4215540.9	9.7	1.30	5.67	1.21	YES	HRDOW	NO
L0000539	0	0.14706E-01	539326.0	4215534.1	9.8	1.30	5.67	1.21	YES	HRDOW	NO
L0000540	0	0.14706E-01	539315.9	4215527.4	9.9	1.30	5.67	1.21	YES	HRDOW	NO
L0000541	0	0.14706E-01	539305.7	4215520.6	10.0	1.30	5.67	1.21	YES	HRDOW	NO
L0000542	0	0.14706E-01	539310.3	4215514.3	10.1	1.30	5.67	1.21	YES	HRDOW	

```
NO
 L0000543         0   0.14706E-01  539320.7 4215508.0    10.2     1.30     5.67     1.21     YES   HRDOW
NO
 L0000544         0   0.14706E-01  539332.3 4215504.9    10.3     1.30     5.67     1.21     YES   HRDOW
NO
 L0000545         0   0.14706E-01  539344.4 4215503.0    10.2     1.30     5.67     1.21     YES   HRDOW
NO
 L0000546         0   0.14706E-01  539356.4 4215501.1    10.2     1.30     5.67     1.21     YES   HRDOW
NO
 L0000547         0   0.14706E-01  539354.1 4215510.0    10.1     1.30     5.67     1.21     YES   HRDOW
NO
 L0000548         0   0.14706E-01  539348.8 4215521.0    10.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0000549         0   0.14706E-01  539343.5 4215532.0     9.8     1.30     5.67     1.21     YES   HRDOW
NO
 L0000550         0   0.14706E-01  539335.2 4215530.8     9.8     1.30     5.67     1.21     YES   HRDOW
NO
 L0000551         0   0.14706E-01  539325.4 4215523.6     9.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0000552         0   0.14706E-01  539324.3 4215516.5    10.0     1.30     5.67     1.21     YES   HRDOW
NO
 L0000553         0   0.14706E-01  539334.7 4215510.9     9.9     1.30     5.67     1.21     YES   HRDOW
NO
 L0000554         0   0.14706E-01  539346.9 4215510.5     9.7     1.30     5.67     1.21     YES   HRDOW
NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                          *** AREAPOLY SOURCE DATA ***

              NUMBER EMISSION RATE   LOCATION OF AREA  BASE     RELEASE  NUMBER      INIT.   URBAN  EMISSION RATE
 AIRCRAFT
   SOURCE       PART.  (GRAMS/SEC       X        Y      ELEV.    HEIGHT  OF VERTS.     SZ     SOURCE  SCALAR VARY
     ID         CATS.   /METER**2)   (METERS) (METERS) (METERS) (METERS)            (METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -

 PAREA2           0   0.13870E-03  539360.2 4215583.8     8.8     0.00       6         0.00     YES   HRDOW
  NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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  PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                       *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


  PAREA2     PAREA2      ,

  TK1        L0000340    , L0000341    , L0000342    , L0000343    , L0000344    , L0000345    , L0000346    ,
L0000347    ,

             L0000348    , L0000349    , L0000350    ,

  TK2        L0000555    , L0000556    , L0000557    , L0000558    , L0000559    , L0000560    , L0000561    ,
L0000562    ,
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             L0000563    , L0000564    , L0000565    , L0000566    , L0000567    , L0000568    , L0000569    ,
L0000570    ,

             L0000571    , L0000572    , L0000573    , L0000574    , L0000575    , L0000576    , L0000577    ,
L0000578    ,

             L0000579    , L0000580    , L0000581    , L0000582    , L0000583    , L0000584    , L0000585    ,
L0000586    ,

             L0000587    , L0000588    , L0000589    ,

  CON1       L0000487    , L0000488    , L0000489    , L0000490    , L0000491    , L0000492    , L0000493    ,
L0000494    ,

             L0000495    , L0000496    , L0000497    , L0000498    , L0000499    , L0000500    , L0000501    ,
L0000502    ,

             L0000503    , L0000504    , L0000505    , L0000506    , L0000507    , L0000508    , L0000509    ,
L0000510    ,

             L0000511    , L0000512    , L0000513    , L0000514    , L0000515    , L0000516    , L0000517    ,
L0000518    ,

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L0000526    ,

             L0000527    , L0000528    , L0000529    , L0000530    , L0000531    , L0000532    , L0000533    ,
L0000534    ,

             L0000535    , L0000536    , L0000537    , L0000538    , L0000539    , L0000540    , L0000541    ,
L0000542    ,

             L0000543    , L0000544    , L0000545    , L0000546    , L0000547    , L0000548    , L0000549    ,
L0000550    ,

             L0000551    , L0000552    , L0000553    , L0000554    ,

  CON3       L0000351    , L0000352    , L0000353    , L0000354    , L0000355    , L0000356    , L0000357    ,
L0000358    ,

             L0000359    , L0000360    , L0000361    , L0000362    , L0000363    , L0000364    , L0000365    ,
L0000366    ,

             L0000367    , L0000368    , L0000369    , L0000370    , L0000371    , L0000372    , L0000373    ,
L0000374    ,
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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  PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


             L0000375    , L0000376    , L0000377    , L0000378    , L0000379    , L0000380    , L0000381    ,
L0000382    ,

             L0000383    ,

  ALL        L0000340    , L0000341    , L0000342    , L0000343    , L0000344    , L0000345    , L0000346    ,
L0000347    ,
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            L0000348    , L0000349    , L0000350    , L0000555    , L0000556    , L0000557    , L0000558    ,
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            L0000560    , L0000561    , L0000562    , L0000563    , L0000564    , L0000565    , L0000566    ,
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            L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
L0000583    ,
            L0000584    , L0000585    , L0000586    , L0000587    , L0000588    , L0000589    , PAREA2      ,
L0000351    ,
            L0000352    , L0000353    , L0000354    , L0000355    , L0000356    , L0000357    , L0000358    ,
L0000359    ,
            L0000360    , L0000361    , L0000362    , L0000363    , L0000364    , L0000365    , L0000366    ,
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L0000518    ,
            L0000519    , L0000520    , L0000521    , L0000522    , L0000523    , L0000524    , L0000525    ,
L0000526    ,
            L0000527    , L0000528    , L0000529    , L0000530    , L0000531    , L0000532    , L0000533    ,
L0000534    ,
            L0000535    , L0000536    , L0000537    , L0000538    , L0000539    , L0000540    , L0000541    ,
L0000542    ,
            L0000543    , L0000544    , L0000545    , L0000546    , L0000547    , L0000548    , L0000549    ,
L0000550    ,
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*


                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                          SOURCE IDs
 -----------                                          ----------


            L0000551    , L0000552    , L0000553    , L0000554    ,
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
	260206.	L0000340 , L0000341 , L0000342 , L0000343 , L0000344 , L0000345 , L0000346 , L0000347 ,
		L0000348 , L0000349 , L0000350 , L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
		L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
		L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
		L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , L0000583 ,
		L0000584 , L0000585 , L0000586 , L0000587 , L0000588 , L0000589 , PAREA2 , L0000351 ,
		L0000352 , L0000353 , L0000354 , L0000355 , L0000356 , L0000357 , L0000358 , L0000359 ,
		L0000360 , L0000361 , L0000362 , L0000363 , L0000364 , L0000365 , L0000366 , L0000367 ,
		L0000368 , L0000369 , L0000370 , L0000371 , L0000372 , L0000373 , L0000374 , L0000375 ,
		L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 , L0000382 , L0000383 ,
		L0000487 , L0000488 , L0000489 , L0000490 , L0000491 , L0000492 , L0000493 , L0000494 ,
		L0000495 , L0000496 , L0000497 , L0000498 , L0000499 , L0000500 , L0000501 , L0000502 ,
		L0000503 , L0000504 , L0000505 , L0000506 , L0000507 , L0000508 , L0000509 , L0000510 ,
		L0000511 , L0000512 , L0000513 , L0000514 , L0000515 , L0000516 , L0000517 , L0000518 ,
		L0000519 , L0000520 , L0000521 , L0000522 , L0000523 , L0000524 , L0000525 , L0000526 ,
		L0000527 , L0000528 , L0000529 , L0000530 , L0000531 , L0000532 , L0000533 , L0000534 ,
		L0000535 , L0000536 , L0000537 , L0000538 , L0000539 , L0000540 , L0000541 , L0000542 ,
		L0000543 , L0000544 , L0000545 , L0000546 , L0000547 , L0000548 , L0000549 , L0000550 ,
		L0000551 , L0000552 , L0000553 , L0000554 ,

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000340 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000341 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000342 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000343 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000344   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000345   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000346   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000347   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000348     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000349     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000556     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000557     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
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```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000558     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000559     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

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 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000560     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000561     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000562     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  30
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000563 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000564 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000565 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000566 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000567 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000568 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000569 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000570 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000571   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000572   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000573   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000574   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00

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    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000575     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000576     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

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16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000579     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000580     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY
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```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
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```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000581     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000582     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000583 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000584     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000585     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000586 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000587 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** *** 17:02:24

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000588 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000589 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000351 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000352 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000353 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000354   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000355   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000356   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000357   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000358     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000359     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000360     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000361     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
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16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  69
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000362     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000363     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000364     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000365     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000366 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000367     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  75
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000368     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000369 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000370 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** *** 17:02:24

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000371 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000372 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000373 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000374 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000375 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000376 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000377   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000378   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000379   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000380   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000381     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000382     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000488     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE  93
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000489     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000490     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000491     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000492 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000493     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000494     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE  99
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000495 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000496 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000497 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000498 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000499 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000500 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000501 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000502 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000503   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000504   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000505   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000506   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000507     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000508     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 115
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000511     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 116
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000512     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000513     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000514     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000515 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000516     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000517     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 122
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000518 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000519 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000520 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000521 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000522 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000523 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000524 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000525 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000526   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000527   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000528   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000529   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

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*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000530     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 135
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000531     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

```
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 138
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000534     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 139
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000535     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000536     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00

                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000537     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000538 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000539     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 144
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000540     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 145
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000541 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000542 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** *** 17:02:24

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000543 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000544 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01	9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01
15	.1000E+01	16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00	9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00
15	.0000E+00	16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000545 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000546 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.0000E+00												
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	.0000E+00	15	.0000E+00
16	.0000E+00												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000547   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000548   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00

8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000549   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000550   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .0000E+00   7 .0000E+00
8 .0000E+00
    9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14 .0000E+00   15 .0000E+00
16 .0000E+00
   17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22 .0000E+00   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000551     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 156
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000552     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
```

```
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 157
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000553     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .0000E+00
8  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13  .0000E+00   14  .0000E+00   15  .0000E+00
16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000554     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .0000E+00    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00   22  .0000E+00   23  .0000E+00
24  .0000E+00
```

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .0000E+00 7 .0000E+00
8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14 .0000E+00 15 .0000E+00
16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22 .0000E+00 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

538744.0, 538764.0, 538784.0, 538804.0, 538824.0, 538844.0, 538864.0, 538884.0, 538904.0, 538924.0,
538944.0, 538964.0, 538984.0, 539004.0, 539024.0, 539044.0, 539064.0, 539084.0, 539104.0, 539124.0,
539144.0, 539164.0, 539184.0, 539204.0, 539224.0, 539244.0, 539264.0, 539284.0, 539304.0, 539324.0,
539344.0, 539364.0, 539384.0, 539404.0, 539424.0, 539444.0, 539464.0, 539484.0, 539504.0, 539524.0,
539544.0, 539564.0, 539584.0, 539604.0, 539624.0, 539644.0, 539664.0, 539684.0, 539704.0, 539724.0,

*** Y-COORDINATES OF GRID ***
(METERS)

4214978.0, 4214998.0, 4215018.0, 4215038.0, 4215058.0, 4215078.0, 4215098.0, 4215118.0, 4215138.0, 4215158.0,
4215178.0, 4215198.0, 4215218.0, 4215238.0, 4215258.0, 4215278.0, 4215298.0, 4215318.0, 4215338.0, 4215358.0,
4215378.0, 4215398.0, 4215418.0, 4215438.0, 4215458.0, 4215478.0, 4215498.0, 4215518.0, 4215538.0, 4215558.0,
4215578.0, 4215598.0, 4215618.0, 4215638.0, 4215658.0, 4215678.0, 4215698.0, 4215718.0, 4215738.0, 4215758.0,
4215778.0, 4215798.0, 4215818.0, 4215838.0, 4215858.0, 4215878.0, 4215898.0, 4215918.0, 4215938.0, 4215958.0,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	10.10	9.80	9.60	9.30	9.30	9.30	9.30	9.20	8.90
4215938.00	10.30	10.00	9.80	9.50	9.50	9.50	9.50	9.40	9.10
4215918.00	10.50	10.30	10.00	9.70	9.70	9.70	9.70	9.60	9.40

4215898.00	10.80	10.50	10.20	9.90	9.90	10.00	10.00
9.80	9.60						
4215878.00	11.00	10.70	10.40	10.20	10.10	10.10	10.00
9.90	9.70						
4215858.00	11.20	10.90	10.60	10.40	10.30	10.20	10.10
9.90	9.80						
4215838.00	11.40	11.10	10.90	10.60	10.40	10.30	10.10
10.00	9.80						
4215818.00	11.60	11.30	11.10	10.80	10.60	10.40	10.10
10.00	9.90						
4215798.00	11.80	11.60	11.30	11.00	10.80	10.50	10.20
10.10	10.10						
4215778.00	12.10	11.80	11.50	11.20	11.00	10.80	10.60
10.50	10.40						
4215758.00	12.30	12.00	11.70	11.50	11.30	11.20	11.00
10.90	10.80						
4215738.00	12.50	12.20	11.90	11.70	11.60	11.50	11.40
11.30	11.10						
4215718.00	12.70	12.40	12.20	11.90	11.90	11.80	11.80
11.70	11.50						
4215698.00	12.90	12.70	12.40	12.10	12.10	12.10	12.10
12.00	11.70						
4215678.00	13.10	12.90	12.60	12.30	12.30	12.30	12.30
12.20	12.00						
4215658.00	13.40	13.10	12.80	12.50	12.50	12.50	12.50
12.50	12.20						
4215638.00	13.60	13.30	13.00	12.80	12.80	12.80	12.80
12.70	12.40						
4215618.00	13.80	13.50	13.30	13.00	13.00	13.00	13.00
12.90	12.60						
4215598.00	14.00	13.70	13.50	13.20	13.20	13.20	13.20
13.10	12.80						
4215578.00	14.20	14.00	13.70	13.40	13.40	13.40	13.40
13.30	13.10						
4215558.00	14.40	14.20	13.90	13.60	13.60	13.60	13.60
13.50	13.30						
4215538.00	14.70	14.40	14.10	13.80	13.80	13.80	13.80
13.80	13.50						
4215518.00	14.90	14.60	14.30	14.10	14.00	14.00	14.00
13.90	13.70						
4215498.00	15.10	14.80	14.60	14.30	14.20	14.10	14.10
13.90	13.70						
4215478.00	15.30	15.00	14.80	14.50	14.40	14.20	14.10
14.00	13.80						
4215458.00	15.50	15.30	15.00	14.70	14.50	14.30	14.10
14.00	13.90						
4215438.00	15.80	15.50	15.20	14.90	14.70	14.40	14.20
14.00	14.00						
4215418.00	16.00	15.70	15.40	15.20	14.90	14.60	14.30
14.10	14.10						
4215398.00	16.20	15.90	15.60	15.40	15.10	14.80	14.60
14.40	14.40						
4215378.00	16.40	16.10	15.90	15.60	15.30	15.00	14.80
14.60	14.60						
4215358.00	16.60	16.40	16.10	15.80	15.50	15.30	15.00
14.80	14.80						
4215338.00	16.80	16.60	16.30	16.00	15.80	15.50	15.20
15.00	15.00						
4215318.00	17.10	16.80	16.50	16.20	16.00	15.80	15.60
15.40	15.40						
4215298.00	17.30	17.00	16.70	16.50	16.30	16.10	16.00
15.90	15.70						
4215278.00	17.50	17.20	17.00	16.70	16.60	16.50	16.40
16.30	16.10						
4215258.00	17.70	17.40	17.20	16.90	16.80	16.80	16.80
16.70	16.50						
4215238.00	17.90	17.70	17.40	17.10	17.10	17.00	17.00
16.90	16.70						
4215218.00	18.10	17.90	17.60	17.30	17.20	17.10	17.10

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	18.80	18.50	18.30	18.00	17.70	17.50	17.20	17.00	17.00
4215138.00	19.00	18.70	18.50	18.20	17.90	17.70	17.40	17.20	17.10
4215118.00	19.20	19.00	18.70	18.40	18.10	17.90	17.60	17.40	17.30
4215098.00	19.50	19.20	18.90	18.60	18.40	18.10	17.80	17.60	17.40
4215078.00	19.70	19.40	19.10	18.90	18.60	18.30	18.00	17.80	17.60
4215058.00	19.90	19.60	19.30	19.10	18.80	18.50	18.30	18.00	17.70
4215038.00	20.10	19.80	19.60	19.30	19.00	18.70	18.50	18.20	17.90
4215018.00	20.30	20.10	19.80	19.50	19.20	19.00	18.70	18.40	18.10
4214998.00	20.50	20.30	20.00	19.70	19.50	19.20	18.90	18.60	18.40
4214978.00	20.80	20.50	20.20	19.90	19.70	19.40	19.10	18.90	18.60

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	8.60	8.40	8.30	8.30	8.30	8.30	8.00	7.70	7.50
4215938.00	8.90	8.60	8.50	8.50	8.50	8.50	8.20	8.00	7.70
4215918.00	9.10	8.80	8.70	8.70	8.70	8.70	8.40	8.20	7.90
4215898.00	9.30	9.00	9.00	9.00	9.00	8.90	8.70	8.40	8.10

4215878.00	9.50	9.20	9.20	9.20	9.20	9.20	8.90
8.60	8.30						
4215858.00	9.60	9.40	9.40	9.40	9.40	9.40	9.10
8.80	8.60						
4215838.00	9.70	9.60	9.60	9.60	9.60	9.60	9.30
9.00	8.80						
4215818.00	9.90	9.80	9.80	9.80	9.80	9.80	9.50
9.30	9.00						
4215798.00	10.00	10.00	10.00	10.00	10.00	10.00	9.70
9.50	9.20						
4215778.00	10.30	10.30	10.20	10.10	10.10	10.00	9.80
9.60	9.40						
4215758.00	10.60	10.50	10.40	10.30	10.10	10.00	9.80
9.70	9.60						
4215738.00	10.90	10.70	10.60	10.40	10.20	10.00	9.90
9.80	9.70						
4215718.00	11.20	11.00	10.70	10.50	10.20	10.00	10.00
9.90	9.90						
4215698.00	11.50	11.20	10.90	10.70	10.40	10.10	10.10
10.10	10.10						
4215678.00	11.70	11.40	11.10	10.90	10.60	10.30	10.30
10.30	10.30						
4215658.00	11.90	11.60	11.40	11.10	10.80	10.60	10.60
10.60	10.60						
4215638.00	12.10	11.90	11.60	11.30	11.00	10.80	10.80
10.80	10.80						
4215618.00	12.30	12.10	11.80	11.50	11.30	11.00	11.00
11.00	11.00						
4215598.00	12.60	12.30	12.00	11.70	11.50	11.20	11.20
11.20	11.20						
4215578.00	12.80	12.50	12.20	12.00	11.70	11.40	11.40
11.40	11.40						
4215558.00	13.00	12.70	12.50	12.20	11.90	11.60	11.60
11.60	11.60						
4215538.00	13.20	12.90	12.70	12.40	12.10	11.90	11.90
11.90	11.90						
4215518.00	13.40	13.20	12.90	12.60	12.30	12.10	12.10
12.10	12.10						
4215498.00	13.50	13.30	13.10	12.80	12.60	12.30	12.30
12.30	12.30						
4215478.00	13.70	13.50	13.30	13.00	12.80	12.50	12.50
12.50	12.50						
4215458.00	13.80	13.70	13.50	13.30	13.00	12.70	12.70
12.70	12.70						
4215438.00	14.00	13.90	13.80	13.50	13.20	12.90	12.90
12.90	12.90						
4215418.00	14.10	14.10	14.00	13.70	13.40	13.20	13.20
13.20	13.20						
4215398.00	14.40	14.40	14.20	13.90	13.60	13.40	13.40
13.40	13.40						
4215378.00	14.60	14.60	14.40	14.10	13.90	13.60	13.60
13.60	13.60						
4215358.00	14.80	14.80	14.60	14.40	14.10	13.80	13.80
13.80	13.80						
4215338.00	15.00	15.00	14.80	14.60	14.30	14.00	14.00
14.00	14.00						
4215318.00	15.30	15.30	15.10	14.80	14.50	14.20	14.20
14.10	14.00						
4215298.00	15.60	15.50	15.30	15.00	14.70	14.50	14.30
14.20	14.10						
4215278.00	15.90	15.70	15.50	15.20	15.00	14.70	14.50
14.30	14.10						
4215258.00	16.20	16.00	15.70	15.40	15.20	14.90	14.70
14.40	14.20						
4215238.00	16.40	16.20	15.90	15.70	15.40	15.10	14.80
14.60	14.30						
4215218.00	16.60	16.40	16.20	15.90	15.60	15.30	15.10
14.80	14.50						
4215198.00	16.70	16.60	16.40	16.10	15.80	15.50	15.30

15.00 14.70
4215178.00 | 16.80 16.80 16.60 16.30 16.00 15.80 15.50
15.20 14.90

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00
539064.00	539084.00						
4215158.00	17.00	17.00	16.80	16.50	16.30	16.00	15.70
15.40	15.20						
4215138.00	17.10	17.00	16.90	16.60	16.40	16.20	15.90
15.70	15.40						
4215118.00	17.20	17.00	16.90	16.70	16.60	16.40	16.10
15.90	15.60						
4215098.00	17.20	17.10	16.90	16.80	16.70	16.60	16.40
16.10	15.80						
4215078.00	17.30	17.10	17.00	16.90	16.90	16.80	16.60
16.30	16.00						
4215058.00	17.40	17.20	17.00	17.00	17.00	17.00	16.80
16.50	16.20						
4215038.00	17.70	17.40	17.20	17.10	17.10	17.00	16.80
16.50	16.20						
4215018.00	17.90	17.60	17.40	17.30	17.10	17.00	16.80
16.50	16.20						
4214998.00	18.10	17.80	17.60	17.40	17.20	17.00	16.80
16.50	16.20						
4214978.00	18.30	18.00	17.80	17.50	17.30	17.00	16.80
16.50	16.20						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00
539244.00	539264.00						
4215958.00	7.30	7.30	7.30	7.30	7.10	6.80	6.60
6.30	6.30						
4215938.00	7.50	7.50	7.50	7.50	7.30	7.00	6.80
6.50	6.50						
4215918.00	7.70	7.70	7.70	7.80	7.50	7.30	7.00
6.80	6.80						
4215898.00	8.00	8.00	8.00	8.00	7.80	7.50	7.20
7.00	7.00						
4215878.00	8.20	8.10	8.10	8.00	7.80	7.60	7.40
7.20	7.10						

4215858.00	8.30	8.20	8.10	8.00	7.90	7.70	7.50
7.40	7.30						
4215838.00	8.50	8.40	8.20	8.00	7.90	7.80	7.70
7.60	7.40						
4215818.00	8.70	8.50	8.30	8.10	8.00	7.90	7.90
7.80	7.60						
4215798.00	8.90	8.70	8.40	8.10	8.00	8.10	8.10
8.00	7.70						
4215778.00	9.10	8.90	8.60	8.30	8.30	8.30	8.30
8.20	8.00						
4215758.00	9.40	9.10	8.80	8.50	8.50	8.50	8.50
8.50	8.20						
4215738.00	9.60	9.30	9.00	8.80	8.70	8.70	8.70
8.70	8.40						
4215718.00	9.80	9.50	9.30	9.00	8.90	8.90	8.90
8.90	8.60						
4215698.00	10.00	9.70	9.50	9.20	9.10	9.10	9.00
9.00	8.70						
4215678.00	10.20	10.00	9.70	9.40	9.30	9.20	9.10
9.00	8.80						
4215658.00	10.50	10.20	9.90	9.60	9.50	9.30	9.10
9.00	8.90						
4215638.00	10.70	10.40	10.10	9.90	9.60	9.40	9.20
9.00	8.90						
4215618.00	10.90	10.60	10.30	10.10	9.80	9.50	9.30
9.00	9.00						
4215598.00	11.10	10.80	10.60	10.30	10.00	9.70	9.50
9.20	9.20						
4215578.00	11.30	11.10	10.80	10.50	10.20	10.00	9.70
9.40	9.40						
4215558.00	11.50	11.30	11.00	10.70	10.50	10.20	9.90
9.60	9.60						
4215538.00	11.80	11.50	11.20	10.90	10.70	10.40	10.10
9.90	9.90						
4215518.00	12.00	11.70	11.40	11.20	10.90	10.60	10.30
10.10	10.10						
4215498.00	12.20	11.90	11.70	11.40	11.10	10.80	10.60
10.30	10.20						
4215478.00	12.40	12.10	11.90	11.60	11.30	11.00	10.80
10.50	10.40						
4215458.00	12.60	12.40	12.10	11.80	11.50	11.30	11.00
10.70	10.50						
4215438.00	12.80	12.60	12.30	12.00	11.80	11.50	11.20
10.90	10.70						
4215418.00	13.10	12.80	12.50	12.20	12.00	11.70	11.40
11.20	10.90						
4215398.00	13.30	13.00	12.70	12.50	12.20	11.90	11.60
11.40	11.10						
4215378.00	13.50	13.20	13.00	12.70	12.40	12.10	11.90
11.60	11.30						
4215358.00	13.70	13.40	13.20	12.90	12.60	12.40	12.10
11.80	11.50						
4215338.00	13.90	13.60	13.40	13.10	12.80	12.60	12.30
12.00	11.70						
4215318.00	13.90	13.70	13.50	13.30	13.00	12.70	12.30
12.00	11.80						
4215298.00	14.00	13.80	13.70	13.50	13.20	12.80	12.40
12.00	11.90						
4215278.00	14.00	13.90	13.80	13.70	13.40	12.90	12.50
12.00	11.90						
4215258.00	14.00	14.00	13.90	13.90	13.60	13.00	12.50
12.00	12.00						
4215238.00	14.10	14.10	14.00	14.00	13.70	13.20	12.60
12.10	12.10						
4215218.00	14.30	14.20	14.10	14.00	13.70	13.30	12.80
12.30	12.30						
4215198.00	14.50	14.30	14.20	14.10	13.80	13.40	13.00
12.60	12.50						
4215178.00	14.70	14.50	14.30	14.10	13.80	13.50	13.10

12.80 12.80

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215158.00	14.90	14.60	14.40	14.10	13.80	13.50	13.30	13.00	13.00
4215138.00	15.10	14.80	14.50	14.10	13.90	13.60	13.40	13.20	13.10
4215118.00	15.30	14.90	14.50	14.20	13.90	13.70	13.60	13.40	13.30
4215098.00	15.50	15.10	14.60	14.20	13.90	13.80	13.70	13.60	13.50
4215078.00	15.70	15.20	14.70	14.20	14.00	13.90	13.90	13.80	13.60
4215058.00	15.90	15.30	14.80	14.30	14.10	14.10	14.10	14.10	13.80
4215038.00	15.90	15.40	14.90	14.50	14.30	14.30	14.30	14.30	14.00
4215018.00	15.90	15.50	15.10	14.70	14.50	14.50	14.50	14.50	14.20
4214998.00	15.90	15.60	15.20	14.90	14.70	14.70	14.70	14.70	14.50
4214978.00	15.90	15.60	15.30	15.00	14.90	14.90	14.90	14.90	14.70

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.70	5.50
4215938.00	6.50	6.50	6.50	6.30	6.20	6.00	5.90	5.80	5.60
4215918.00	6.80	6.80	6.70	6.50	6.20	6.00	5.90	5.90	5.80
4215898.00	7.00	7.00	6.80	6.60	6.30	6.00	6.00	6.00	6.00
4215878.00	7.10	7.00	6.90	6.70	6.50	6.20	6.20	6.10	6.00
4215858.00	7.20	7.10	6.90	6.80	6.60	6.40	6.30	6.20	6.10

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  4215838.00 |         7.30         7.10         7.00         6.80         6.70         6.60         6.50
6.30         6.10
  4215818.00 |         7.40         7.10         7.00         6.90         6.90         6.90         6.70
6.40         6.20
  4215798.00 |         7.50         7.20         7.10         7.10         7.10         7.10         6.80
6.60         6.30
  4215778.00 |         7.70         7.40         7.30         7.30         7.30         7.30         7.10
6.80         6.50
  4215758.00 |         7.90         7.60         7.50         7.50         7.50         7.50         7.30
7.00         6.70
  4215738.00 |         8.10         7.90         7.70         7.70         7.70         7.70         7.50
7.20         6.90
  4215718.00 |         8.30         8.10         7.90         7.90         7.90         7.90         7.70
7.40         7.20
  4215698.00 |         8.50         8.30         8.10         8.10         8.00         8.00         7.80
7.60         7.30
  4215678.00 |         8.60         8.50         8.30         8.20         8.10         8.00         7.90
7.70         7.50
  4215658.00 |         8.80         8.60         8.50         8.30         8.20         8.00         7.90
7.80         7.70
  4215638.00 |         8.90         8.80         8.70         8.50         8.30         8.10         8.00
7.90         7.80
  4215618.00 |         9.00         9.00         8.90         8.60         8.30         8.10         8.00
8.00         8.00
  4215598.00 |         9.20         9.20         9.10         8.80         8.60         8.30         8.20
8.20         8.20
  4215578.00 |         9.40         9.40         9.30         9.10         8.80         8.50         8.40
8.40         8.40
  4215558.00 |         9.70         9.70         9.50         9.30         9.00         8.70         8.70
8.70         8.70
  4215538.00 |         9.90         9.90         9.80         9.50         9.20         8.90         8.90
8.90         8.90
  4215518.00 |        10.00        10.00         9.90         9.70         9.40         9.20         9.10
9.00         9.00
  4215498.00 |        10.10        10.10         9.90         9.70         9.50         9.40         9.20
9.20         9.10
  4215478.00 |        10.20        10.10        10.00         9.80         9.70         9.60         9.40
9.30         9.10
  4215458.00 |        10.30        10.10        10.00         9.90         9.80         9.80         9.60
9.40         9.20
  4215438.00 |        10.40        10.20        10.00        10.00        10.00        10.00         9.80
9.50         9.20
  4215418.00 |        10.60        10.30        10.10        10.10        10.10        10.00         9.80
9.60         9.40
  4215398.00 |        10.80        10.60        10.30        10.20        10.10        10.00         9.90
9.70         9.50
  4215378.00 |        11.00        10.80        10.50        10.40        10.20        10.00         9.90
9.80         9.70
  4215358.00 |        11.30        11.00        10.70        10.50        10.30        10.10        10.00
9.90         9.90
  4215338.00 |        11.50        11.20        10.90        10.70        10.40        10.10        10.00
10.00        10.00
  4215318.00 |        11.60        11.40        11.20        10.90        10.60        10.30        10.30
10.30        10.30
  4215298.00 |        11.70        11.60        11.40        11.10        10.80        10.60        10.50
10.50        10.50
  4215278.00 |        11.80        11.70        11.60        11.30        11.00        10.80        10.70
10.70        10.70
  4215258.00 |        11.90        11.90        11.80        11.50        11.30        11.00        10.90
10.90        10.90
  4215238.00 |        12.10        12.10        12.00        11.80        11.50        11.20        11.10
11.10        11.00
  4215218.00 |        12.30        12.30        12.20        12.00        11.70        11.40        11.30
11.20        11.10
  4215198.00 |        12.50        12.50        12.50        12.20        11.90        11.60        11.50
11.30        11.20
  4215178.00 |        12.80        12.80        12.70        12.40        12.10        11.90        11.60
11.40        11.20
```

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	13.00	13.00	12.90	12.60	12.40	12.10	11.80	11.50	11.30
4215138.00	13.10	13.00	12.90	12.70	12.50	12.30	12.00	11.80	11.50
4215118.00	13.20	13.10	13.00	12.80	12.60	12.50	12.20	12.00	11.70
4215098.00	13.30	13.10	13.00	12.90	12.80	12.70	12.50	12.20	11.90
4215078.00	13.40	13.20	13.00	12.90	12.90	12.90	12.70	12.40	12.10
4215058.00	13.50	13.30	13.10	13.00	13.00	13.00	12.80	12.60	12.30
4215038.00	13.70	13.50	13.30	13.20	13.10	13.00	12.90	12.70	12.50
4215018.00	14.00	13.70	13.50	13.30	13.20	13.10	12.90	12.80	12.60
4214998.00	14.20	13.90	13.70	13.50	13.30	13.10	13.00	12.90	12.80
4214978.00	14.40	14.10	13.90	13.60	13.40	13.10	13.00	13.00	13.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	5.30	5.00	4.70	4.50	4.30	4.20	4.10	4.00	3.80
4215938.00	5.50	5.20	5.00	4.70	4.50	4.30	4.20	4.00	3.80
4215918.00	5.70	5.40	5.20	4.90	4.70	4.40	4.20	4.00	3.80
4215898.00	5.90	5.70	5.40	5.10	4.80	4.60	4.30	4.00	3.80
4215878.00	6.00	5.70	5.50	5.30	5.10	4.80	4.50	4.20	4.00
4215858.00	6.00	5.80	5.70	5.50	5.30	5.00	4.70	4.50	4.20
4215838.00	6.00	5.90	5.80	5.70	5.50	5.20	5.00	4.70	4.40

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  4215818.00 |         6.00         6.00         5.90         5.90         5.70         5.40         5.20
4.90         4.60
  4215798.00 |         6.10         6.10         6.10         6.10         5.90         5.70         5.40
5.10         4.80
  4215778.00 |         6.30         6.30         6.30         6.30         6.20         5.90         5.60
5.30         5.10
  4215758.00 |         6.50         6.50         6.50         6.50         6.40         6.10         5.80
5.60         5.30
  4215738.00 |         6.70         6.70         6.70         6.70         6.60         6.30         6.00
5.80         5.50
  4215718.00 |         6.90         6.90         6.90         6.90         6.80         6.50         6.30
6.00         5.70
  4215698.00 |         7.10         7.10         7.10         7.00         6.90         6.60         6.30
6.10         5.80
  4215678.00 |         7.40         7.30         7.20         7.10         6.90         6.60         6.30
6.10         5.80
  4215658.00 |         7.60         7.40         7.20         7.10         6.90         6.60         6.30
6.10         5.80
  4215638.00 |         7.80         7.60         7.30         7.10         6.90         6.60         6.30
6.10         5.80
  4215618.00 |         8.00         7.70         7.40         7.20         6.90         6.60         6.30
6.10         5.80
  4215598.00 |         8.20         7.90         7.70         7.40         7.10         6.80         6.60
6.30         6.00
  4215578.00 |         8.40         8.10         7.90         7.60         7.30         7.10         6.80
6.50         6.20
  4215558.00 |         8.60         8.40         8.10         7.80         7.50         7.30         7.00
6.70         6.50
  4215538.00 |         8.90         8.60         8.30         8.00         7.80         7.50         7.20
6.90         6.70
  4215518.00 |         9.00         8.70         8.50         8.20         8.00         7.70         7.40
7.20         6.90
  4215498.00 |         9.00         8.80         8.60         8.40         8.20         7.90         7.70
7.40         7.10
  4215478.00 |         9.00         8.90         8.70         8.60         8.40         8.10         7.90
7.60         7.30
  4215458.00 |         9.00         8.90         8.90         8.80         8.60         8.40         8.10
7.80         7.50
  4215438.00 |         9.00         9.00         9.00         9.00         8.90         8.60         8.30
8.00         7.80
  4215418.00 |         9.20         9.10         9.10         9.00         8.90         8.70         8.50
8.20         8.00
  4215398.00 |         9.40         9.30         9.20         9.10         8.90         8.80         8.60
8.40         8.20
  4215378.00 |         9.60         9.40         9.30         9.10         9.00         8.90         8.70
8.60         8.40
  4215358.00 |         9.80         9.60         9.40         9.10         9.00         8.90         8.90
8.80         8.60
  4215338.00 |        10.00         9.80         9.50         9.20         9.00         9.00         9.00
9.00         8.80
  4215318.00 |        10.20        10.00         9.70         9.40         9.20         9.20         9.10
9.00         8.80
  4215298.00 |        10.50        10.20         9.90         9.60         9.40         9.30         9.20
9.00         8.80
  4215278.00 |        10.70        10.40        10.10         9.90         9.60         9.40         9.20
9.10         8.80
  4215258.00 |        10.90        10.60        10.40        10.10         9.80         9.60         9.30
9.10         8.80
  4215238.00 |        11.00        10.80        10.50        10.30        10.00         9.80         9.50
9.20         8.90
  4215218.00 |        11.00        10.80        10.60        10.50        10.20        10.00         9.70
9.40         9.20
  4215198.00 |        11.00        10.90        10.80        10.60        10.50        10.20         9.90
9.60         9.40
  4215178.00 |        11.00        10.90        10.90        10.80        10.70        10.40        10.10
9.90         9.60
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	11.00	11.00	11.00	11.00	10.90	10.60	10.40	10.10	9.80
4215138.00	11.20	11.10	11.10	11.00	10.90	10.60	10.40	10.10	9.80
4215118.00	11.40	11.30	11.20	11.10	10.90	10.60	10.40	10.10	9.80
4215098.00	11.60	11.50	11.30	11.10	10.90	10.60	10.40	10.10	9.80
4215078.00	11.90	11.60	11.40	11.20	10.90	10.60	10.40	10.10	9.80
4215058.00	12.10	11.80	11.50	11.30	11.00	10.70	10.40	10.20	9.90
4215038.00	12.30	12.00	11.70	11.50	11.20	10.90	10.70	10.40	10.10
4215018.00	12.50	12.20	12.00	11.70	11.40	11.10	10.90	10.60	10.30
4214998.00	12.70	12.50	12.20	11.90	11.60	11.40	11.10	10.80	10.50
4214978.00	12.90	12.70	12.40	12.10	11.90	11.60	11.30	11.00	10.80

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	3.50	3.20	3.00	2.80	2.60
4215938.00	3.50	3.20	3.00	2.90	2.70
4215918.00	3.50	3.20	3.00	2.90	2.90
4215898.00	3.50	3.20	3.00	3.00	3.00
4215878.00	3.70	3.40	3.20	3.10	3.10
4215858.00	3.90	3.60	3.40	3.30	3.20
4215838.00	4.10	3.90	3.60	3.40	3.30
4215818.00	4.40	4.10	3.80	3.60	3.30
4215798.00	4.60	4.30	4.00	3.80	3.50
4215778.00	4.80	4.50	4.20	4.00	3.70
4215758.00	5.00	4.70	4.50	4.20	3.90
4215738.00	5.20	5.00	4.70	4.40	4.10
4215718.00	5.40	5.20	4.90	4.60	4.40
4215698.00	5.50	5.20	5.00	4.70	4.50
4215678.00	5.50	5.20	5.00	4.80	4.60
4215658.00	5.50	5.20	5.00	4.90	4.80
4215638.00	5.50	5.20	5.00	4.90	4.90

4215618.00	5.50	5.30	5.00	5.00	5.00
4215598.00	5.70	5.50	5.20	5.20	5.20
4215578.00	6.00	5.70	5.50	5.50	5.50
4215558.00	6.20	5.90	5.70	5.70	5.70
4215538.00	6.40	6.10	5.90	5.90	5.90
4215518.00	6.60	6.30	6.10	6.10	6.00
4215498.00	6.80	6.60	6.30	6.20	6.10
4215478.00	7.10	6.80	6.50	6.40	6.20
4215458.00	7.30	7.00	6.70	6.50	6.30
4215438.00	7.50	7.20	6.90	6.70	6.40
4215418.00	7.70	7.40	7.20	6.90	6.60
4215398.00	7.90	7.60	7.40	7.10	6.80
4215378.00	8.10	7.90	7.60	7.30	7.00
4215358.00	8.40	8.10	7.80	7.50	7.30
4215338.00	8.50	8.30	8.00	7.70	7.40
4215318.00	8.50	8.30	8.00	7.70	7.40
4215298.00	8.50	8.30	8.00	7.70	7.40
4215278.00	8.50	8.30	8.00	7.70	7.40
4215258.00	8.50	8.30	8.00	7.70	7.40
4215238.00	8.70	8.40	8.10	7.80	7.60
4215218.00	8.90	8.60	8.30	8.10	7.80
4215198.00	9.10	8.80	8.60	8.30	8.00
4215178.00	9.30	9.00	8.80	8.50	8.20

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	9.50	9.30	9.00	8.70	8.40
4215138.00	9.50	9.30	9.00	8.80	8.60
4215118.00	9.50	9.30	9.00	8.80	8.70
4215098.00	9.50	9.30	9.00	8.90	8.80
4215078.00	9.50	9.30	9.00	9.00	8.90
4215058.00	9.60	9.30	9.10	9.10	9.00
4215038.00	9.80	9.60	9.30	9.20	9.10
4215018.00	10.10	9.80	9.50	9.40	9.20
4214998.00	10.30	10.00	9.70	9.50	9.30
4214978.00	10.50	10.20	9.90	9.70	9.40

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00
538884.00	538904.00						
4215958.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						

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4215938.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215918.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215898.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215878.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215858.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215838.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215818.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215798.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215778.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215758.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215698.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215658.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215358.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215338.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215318.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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  4215258.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215238.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215218.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215198.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215178.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
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                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215158.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215138.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215118.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215098.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215078.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215058.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215038.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215018.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4214998.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4214978.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
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                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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  4215958.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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  4215938.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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4215918.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215898.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215878.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215858.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215778.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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  4215158.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
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  4215138.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
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  4215118.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215098.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215078.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215058.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215038.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215018.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4214998.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4214978.00 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00

  4215958.00 | 567.00   567.00   567.00   7.30   7.10   6.80   6.60
6.30   6.30
  4215938.00 | 567.00   567.00   567.00   567.00   7.30   7.00   6.80
6.50   6.50
  4215918.00 | 567.00   567.00   567.00   567.00   567.00   7.30   7.00

6.80 6.80
4215898.00 | 567.00 567.00 567.00 567.00 567.00 7.50 7.20
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4215878.00 | 567.00 567.00 567.00 567.00 567.00 567.00 7.40
7.20 7.10
4215858.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
7.40 7.30
4215838.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215818.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215798.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215778.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

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  4215218.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215198.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215178.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
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                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215138.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215118.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215098.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215078.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215058.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215038.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215018.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4214998.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4214978.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
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```
                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |          6.30         6.30         6.30         6.20         6.10         6.00         5.80
5.70         5.50
  4215938.00 |          6.50         6.50         6.50         6.30         6.20         6.00         5.90
5.80         5.60
  4215918.00 |          6.80         6.80         6.70         6.50         6.20         6.00         5.90
5.90         5.80
  4215898.00 |          7.00         7.00         6.80         6.60         6.30         6.00         6.00
```

6.00 6.00
4215878.00 | 7.10 7.00 6.90 6.70 6.50 6.20 6.20
6.10 6.00
4215858.00 | 7.20 7.10 6.90 6.80 6.60 6.40 6.30
6.20 6.10
4215838.00 | 7.30 7.10 7.00 6.80 6.70 6.60 6.50
6.30 6.10
4215818.00 | 7.40 7.10 7.00 6.90 6.90 6.90 6.70
6.40 6.20
4215798.00 | 7.50 7.20 7.10 7.10 7.10 7.10 6.80
6.60 6.30
4215778.00 | 567.00 7.40 7.30 7.30 7.30 7.30 7.10
6.80 6.50
4215758.00 | 567.00 7.60 7.50 7.50 7.50 7.50 7.30
7.00 6.70
4215738.00 | 567.00 567.00 7.70 7.70 7.70 7.70 7.50
7.20 6.90
4215718.00 | 567.00 567.00 567.00 7.90 7.90 7.90 7.70
7.40 7.20
4215698.00 | 567.00 567.00 567.00 8.10 8.00 8.00 7.80
7.60 7.30
4215678.00 | 567.00 567.00 567.00 567.00 8.10 8.00 7.90
7.70 7.50
4215658.00 | 567.00 567.00 567.00 567.00 8.20 8.00 7.90
7.80 7.70
4215638.00 | 567.00 567.00 567.00 567.00 567.00 8.10 8.00
7.90 7.80
4215618.00 | 567.00 567.00 567.00 567.00 567.00 567.00 8.00
8.00 8.00
4215598.00 | 567.00 567.00 567.00 567.00 567.00 567.00 8.20
8.20 8.20
4215578.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
8.40 8.40
4215558.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
8.70 8.70
4215538.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 8.90
4215518.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215478.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
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4215358.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215338.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215318.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215218.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215138.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215118.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215098.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215078.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215058.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215038.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215018.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4214998.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4214978.00 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
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*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |          5.30         5.00         4.70         4.50         4.30         4.20         4.10
4.00         3.80
  4215938.00 |          5.50         5.20         5.00         4.70         4.50         4.30         4.20
4.00         3.80
  4215918.00 |          5.70         5.40         5.20         4.90         4.70         4.40         4.20
4.00         3.80
  4215898.00 |          5.90         5.70         5.40         5.10         4.80         4.60         4.30
4.00         3.80
  4215878.00 |          6.00         5.70         5.50         5.30         5.10         4.80         4.50
```

4.20 4.00
4215858.00 | 6.00 5.80 5.70 5.50 5.30 5.00 4.70
4.50 4.20
4215838.00 | 6.00 5.90 5.80 5.70 5.50 5.20 5.00
4.70 4.40
4215818.00 | 6.00 6.00 5.90 5.90 5.70 5.40 5.20
4.90 4.60
4215798.00 | 6.10 6.10 6.10 6.10 5.90 5.70 5.40
5.10 4.80
4215778.00 | 6.30 6.30 6.30 6.30 6.20 5.90 5.60
5.30 5.10
4215758.00 | 6.50 6.50 6.50 6.50 6.40 6.10 5.80
5.60 5.30
4215738.00 | 6.70 6.70 6.70 6.70 6.60 6.30 6.00
5.80 5.50
4215718.00 | 6.90 6.90 6.90 6.90 6.80 6.50 6.30
6.00 5.70
4215698.00 | 7.10 7.10 7.10 7.00 6.90 6.60 6.30
6.10 5.80
4215678.00 | 7.40 7.30 7.20 7.10 6.90 6.60 6.30
6.10 5.80
4215658.00 | 7.60 7.40 7.20 7.10 6.90 6.60 6.30
6.10 5.80
4215638.00 | 7.80 7.60 7.30 7.10 6.90 6.60 6.30
6.10 5.80
4215618.00 | 8.00 7.70 7.40 7.20 6.90 6.60 6.30
6.10 5.80
4215598.00 | 8.20 7.90 7.70 7.40 7.10 6.80 6.60
6.30 6.00
4215578.00 | 8.40 8.10 7.90 7.60 7.30 7.10 6.80
6.50 6.20
4215558.00 | 8.60 8.40 8.10 7.80 7.50 7.30 7.00
6.70 6.50
4215538.00 | 8.90 8.60 8.30 8.00 7.80 7.50 7.20
6.90 6.70
4215518.00 | 9.00 8.70 8.50 8.20 8.00 7.70 7.40
7.20 6.90
4215498.00 | 9.00 8.80 8.60 8.40 8.20 7.90 7.70
7.40 7.10
4215478.00 | 567.00 8.90 8.70 8.60 8.40 8.10 7.90
7.60 7.30
4215458.00 | 567.00 8.90 8.90 8.80 8.60 8.40 8.10
7.80 7.50
4215438.00 | 567.00 567.00 9.00 9.00 8.90 8.60 8.30
8.00 7.80
4215418.00 | 567.00 567.00 567.00 9.00 8.90 8.70 8.50
8.20 8.00
4215398.00 | 567.00 567.00 567.00 9.10 8.90 8.80 8.60
8.40 8.20
4215378.00 | 567.00 567.00 567.00 567.00 9.00 8.90 8.70
8.60 8.40
4215358.00 | 567.00 567.00 567.00 567.00 9.00 8.90 8.90
8.80 8.60
4215338.00 | 567.00 567.00 567.00 567.00 567.00 9.00 9.00
9.00 8.80
4215318.00 | 567.00 567.00 567.00 567.00 567.00 9.20 9.10
9.00 8.80
4215298.00 | 567.00 567.00 567.00 567.00 567.00 567.00 9.20
9.00 8.80
4215278.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
9.10 8.80
4215258.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
9.10 8.80
4215238.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 8.90
4215218.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 119.00
4215198.00 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00
539604.00	539624.00						
4215158.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215138.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215118.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215098.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215078.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215058.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215038.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215018.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4214998.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4214978.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	3.50	3.20	3.00	2.80	2.60
4215938.00	3.50	3.20	3.00	2.90	2.70
4215918.00	3.50	3.20	3.00	2.90	2.90
4215898.00	3.50	3.20	3.00	3.00	3.00
4215878.00	3.70	3.40	3.20	3.10	3.10
4215858.00	3.90	3.60	3.40	3.30	3.20
4215838.00	4.10	3.90	3.60	3.40	3.30
4215818.00	4.40	4.10	3.80	3.60	3.30
4215798.00	4.60	4.30	4.00	3.80	3.50
4215778.00	4.80	4.50	4.20	4.00	3.70
4215758.00	5.00	4.70	4.50	4.20	3.90
4215738.00	5.20	5.00	4.70	4.40	4.10

4215718.00	5.40	5.20	4.90	4.60	4.40
4215698.00	5.50	5.20	5.00	4.70	4.50
4215678.00	5.50	5.20	5.00	4.80	4.60
4215658.00	5.50	5.20	5.00	4.90	4.80
4215638.00	5.50	5.20	5.00	4.90	4.90
4215618.00	5.50	5.30	5.00	5.00	5.00
4215598.00	5.70	5.50	5.20	5.20	5.20
4215578.00	6.00	5.70	5.50	5.50	5.50
4215558.00	6.20	5.90	5.70	5.70	5.70
4215538.00	6.40	6.10	5.90	5.90	5.90
4215518.00	6.60	6.30	6.10	6.10	6.00
4215498.00	6.80	6.60	6.30	6.20	6.10
4215478.00	7.10	6.80	6.50	6.40	6.20
4215458.00	7.30	7.00	6.70	6.50	6.30
4215438.00	7.50	7.20	6.90	6.70	6.40
4215418.00	7.70	7.40	7.20	6.90	6.60
4215398.00	7.90	7.60	7.40	7.10	6.80
4215378.00	8.10	7.90	7.60	7.30	7.00
4215358.00	8.40	8.10	7.80	7.50	7.30
4215338.00	8.50	8.30	8.00	7.70	7.40
4215318.00	8.50	8.30	8.00	7.70	7.40
4215298.00	8.50	8.30	8.00	7.70	7.40
4215278.00	8.50	8.30	8.00	7.70	7.40
4215258.00	8.50	8.30	8.00	7.70	7.40
4215238.00	8.70	8.40	8.10	7.80	7.60
4215218.00	119.00	119.00	8.30	8.10	7.80
4215198.00	119.00	119.00	119.00	119.00	8.00
4215178.00	119.00	119.00	119.00	119.00	119.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	567.00	119.00	119.00	119.00	119.00
4215138.00	567.00	548.00	119.00	119.00	119.00
4215118.00	567.00	567.00	119.00	119.00	119.00
4215098.00	567.00	567.00	567.00	119.00	119.00
4215078.00	567.00	567.00	567.00	119.00	119.00
4215058.00	567.00	567.00	567.00	567.00	119.00
4215038.00	567.00	567.00	567.00	567.00	119.00
4215018.00	567.00	567.00	567.00	567.00	548.00
4214998.00	567.00	567.00	567.00	567.00	567.00
4214978.00	567.00	567.00	567.00	567.00	567.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00

								538884.00	538904.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215438.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215418.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215398.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215378.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215358.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215338.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215318.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50		

1.50 1.50
4215298.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215278.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215258.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215238.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215218.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215198.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215178.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215138.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215118.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215098.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215078.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215058.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215038.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215018.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4214998.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4214978.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00

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4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215438.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215418.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215398.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215378.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215358.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215338.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215318.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215298.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50

Y-COORD (METERS)									
4215278.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215258.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215238.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215218.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215198.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215178.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215158.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215138.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215118.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215098.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215078.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215058.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215038.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215018.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4214998.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4214978.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00

4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215438.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215418.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215398.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215378.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215358.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215338.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215318.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215298.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215278.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50
4215258.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215238.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215218.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215198.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215178.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215158.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215138.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215118.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215098.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215078.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215058.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215038.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215018.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4214998.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4214978.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215438.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215418.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215398.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215378.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215358.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215338.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215318.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215298.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215278.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215258.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50
4215238.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215218.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215198.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215178.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215138.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215118.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215098.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215078.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215058.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215038.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215018.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4214998.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4214978.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

4215918.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215898.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215878.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215858.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215838.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215818.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215798.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215778.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215758.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215738.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215718.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215698.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215678.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215658.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215638.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215618.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215598.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215578.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215558.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215538.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215518.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215498.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215478.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215458.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215438.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215418.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215398.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215378.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215358.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215338.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215318.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215298.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215278.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215258.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215238.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50
4215218.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215198.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215178.00 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00
539604.00	539624.00						
4215158.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215138.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215118.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215098.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215078.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215058.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215038.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4215018.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4214998.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						
4214978.00	1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50						

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	1.50	1.50	1.50	1.50	1.50
4215938.00	1.50	1.50	1.50	1.50	1.50
4215918.00	1.50	1.50	1.50	1.50	1.50
4215898.00	1.50	1.50	1.50	1.50	1.50
4215878.00	1.50	1.50	1.50	1.50	1.50
4215858.00	1.50	1.50	1.50	1.50	1.50
4215838.00	1.50	1.50	1.50	1.50	1.50

4215818.00	1.50	1.50	1.50	1.50	1.50
4215798.00	1.50	1.50	1.50	1.50	1.50
4215778.00	1.50	1.50	1.50	1.50	1.50
4215758.00	1.50	1.50	1.50	1.50	1.50
4215738.00	1.50	1.50	1.50	1.50	1.50
4215718.00	1.50	1.50	1.50	1.50	1.50
4215698.00	1.50	1.50	1.50	1.50	1.50
4215678.00	1.50	1.50	1.50	1.50	1.50
4215658.00	1.50	1.50	1.50	1.50	1.50
4215638.00	1.50	1.50	1.50	1.50	1.50
4215618.00	1.50	1.50	1.50	1.50	1.50
4215598.00	1.50	1.50	1.50	1.50	1.50
4215578.00	1.50	1.50	1.50	1.50	1.50
4215558.00	1.50	1.50	1.50	1.50	1.50
4215538.00	1.50	1.50	1.50	1.50	1.50
4215518.00	1.50	1.50	1.50	1.50	1.50
4215498.00	1.50	1.50	1.50	1.50	1.50
4215478.00	1.50	1.50	1.50	1.50	1.50
4215458.00	1.50	1.50	1.50	1.50	1.50
4215438.00	1.50	1.50	1.50	1.50	1.50
4215418.00	1.50	1.50	1.50	1.50	1.50
4215398.00	1.50	1.50	1.50	1.50	1.50
4215378.00	1.50	1.50	1.50	1.50	1.50
4215358.00	1.50	1.50	1.50	1.50	1.50
4215338.00	1.50	1.50	1.50	1.50	1.50
4215318.00	1.50	1.50	1.50	1.50	1.50
4215298.00	1.50	1.50	1.50	1.50	1.50
4215278.00	1.50	1.50	1.50	1.50	1.50
4215258.00	1.50	1.50	1.50	1.50	1.50
4215238.00	1.50	1.50	1.50	1.50	1.50
4215218.00	1.50	1.50	1.50	1.50	1.50
4215198.00	1.50	1.50	1.50	1.50	1.50
4215178.00	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	1.50	1.50	1.50	1.50	1.50
4215138.00	1.50	1.50	1.50	1.50	1.50
4215118.00	1.50	1.50	1.50	1.50	1.50
4215098.00	1.50	1.50	1.50	1.50	1.50
4215078.00	1.50	1.50	1.50	1.50	1.50
4215058.00	1.50	1.50	1.50	1.50	1.50
4215038.00	1.50	1.50	1.50	1.50	1.50
4215018.00	1.50	1.50	1.50	1.50	1.50
4214998.00	1.50	1.50	1.50	1.50	1.50
4214978.00	1.50	1.50	1.50	1.50	1.50

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539341.8, 4215428.7, 10.0, 567.0, 1.5); (539351.8, 4215428.7, 10.0, 567.0, 1.5);
(539361.8, 4215428.7, 10.0, 567.0, 1.5); (539371.8, 4215428.7, 10.0, 567.0, 1.5);
(539381.8, 4215428.7, 10.0, 567.0, 1.5); (539341.8, 4215438.7, 10.0, 567.0, 1.5);
(539351.8, 4215438.7, 10.0, 567.0, 1.5); (539361.8, 4215438.7, 10.0, 567.0, 1.5);
(539371.8, 4215438.7, 10.0, 567.0, 1.5); (539381.8, 4215438.7, 10.0, 567.0, 1.5);
(539341.8, 4215448.7, 9.9, 567.0, 1.5); (539351.8, 4215448.7, 9.9, 567.0, 1.5);
(539361.8, 4215448.7, 9.9, 567.0, 1.5); (539371.8, 4215448.7, 9.9, 567.0, 1.5);
(539381.8, 4215448.7, 9.9, 567.0, 1.5); (539341.8, 4215458.7, 9.9, 567.0, 1.5);
(539351.8, 4215458.7, 9.9, 567.0, 1.5); (539361.8, 4215458.7, 9.8, 567.0, 1.5);
(539371.8, 4215458.7, 9.8, 567.0, 1.5); (539381.8, 4215458.7, 9.8, 567.0, 1.5);
(539341.8, 4215468.7, 9.9, 567.0, 1.5); (539351.8, 4215468.7, 9.8, 567.0, 1.5);
(539361.8, 4215468.7, 9.8, 567.0, 1.5); (539371.8, 4215468.7, 9.7, 567.0, 1.5);
(539381.8, 4215468.7, 9.7, 567.0, 1.5); (539113.9, 4215517.5, 11.9, 567.0, 1.5);
(539096.5, 4215516.0, 12.1, 567.0, 1.5); (539108.3, 4215501.2, 12.1, 567.0, 1.5);
(539096.0, 4215500.7, 12.3, 567.0, 1.5); (539108.3, 4215486.4, 12.3, 567.0, 1.5);
(539094.5, 4215485.4, 12.4, 567.0, 1.5); (539135.3, 4215461.4, 12.2, 567.0, 1.5);
(539150.1, 4215439.9, 12.2, 567.0, 1.5); (539114.4, 4215452.7, 12.6, 567.0, 1.5);
(539123.1, 4215439.4, 12.6, 567.0, 1.5); (539159.3, 4215421.0, 12.3, 567.0, 1.5);
(539145.0, 4215416.4, 12.5, 567.0, 1.5); (539134.3, 4215410.8, 12.7, 567.0, 1.5);
(539131.8, 4215425.1, 12.6, 567.0, 1.5); (539206.8, 4215383.8, 12.0, 567.0, 1.5);
(539216.0, 4215372.5, 12.0, 567.0, 1.5); (539188.9, 4215382.2, 12.3, 567.0, 1.5);
(539176.2, 4215379.7, 12.5, 567.0, 1.5); (539165.4, 4215376.1, 12.7, 567.0, 1.5);
(539248.8, 4215356.7, 11.8, 567.0, 1.5); (539243.5, 4215348.5, 11.9, 567.0, 1.5);
(539265.6, 4215345.2, 11.7, 567.0, 1.5); (539260.8, 4215338.0, 11.8, 567.0, 1.5);
(539256.2, 4215351.4, 11.7, 567.0, 1.5); (539272.8, 4215331.9, 11.6, 567.0, 1.5);
(539264.8, 4215325.0, 11.8, 567.0, 1.5); (539280.8, 4215321.8, 11.6, 567.0, 1.5);
(539280.0, 4215307.1, 11.7, 567.0, 1.5); (539288.0, 4215313.8, 11.6, 567.0, 1.5);
(539297.8, 4215304.7, 11.6, 567.0, 1.5); (539289.6, 4215296.2, 11.7, 567.0, 1.5);
(539311.2, 4215287.7, 11.6, 567.0, 1.5); (539303.7, 4215281.3, 11.7, 567.0, 1.5);
(539303.7, 4215296.2, 11.6, 567.0, 1.5); (539314.2, 4215271.8, 11.8, 567.0, 1.5);
(539329.1, 4215260.5, 11.7, 567.0, 1.5); (539339.7, 4215237.2, 11.8, 567.0, 1.5);
(539357.4, 4215232.9, 11.6, 567.0, 1.5); (539394.1, 4215199.7, 11.5, 567.0, 1.5);
(539045.0, 4215579.2, 11.4, 567.0, 1.5); (539034.4, 4215591.9, 11.3, 567.0, 1.5);

(539054.9, 4215556.6, 11.7, 567.0, 1.5); (539058.4, 4215538.9, 11.8, 567.0, 1.5);
(539054.9, 4215520.5, 12.0, 567.0, 1.5); (539082.4, 4215477.4, 12.5, 567.0, 1.5);
(539074.0, 4215466.1, 12.6, 567.0, 1.5); (539098.7, 4215440.7, 12.9, 567.0, 1.5);
(539109.3, 4215426.6, 12.9, 567.0, 1.5); (539117.1, 4215416.0, 12.9, 567.0, 1.5);
(539125.6, 4215401.1, 13.0, 567.0, 1.5); (539158.8, 4215367.2, 12.9, 567.0, 1.5);
(539150.3, 4215357.3, 13.1, 567.0, 1.5); (539184.2, 4215339.6, 12.8, 567.0, 1.5);
(539222.4, 4215324.8, 12.4, 567.0, 1.5); (539243.6, 4215317.7, 12.0, 567.0, 1.5);
(539371.5, 4215194.0, 11.9, 567.0, 1.5); (539364.4, 4215191.9, 12.0, 567.0, 1.5);
(539344.6, 4215200.4, 12.2, 567.0, 1.5); (539409.7, 4215113.5, 12.2, 567.0, 1.5);
(539355.9, 4215136.8, 12.6, 567.0, 1.5); (539262.7, 4215288.8, 11.9, 567.0, 1.5);
(539282.4, 4215261.2, 11.9, 567.0, 1.5); (539299.4, 4215235.0, 12.1, 567.0, 1.5);
(539168.5, 4215647.4, 9.7, 567.0, 1.5); (538949.2, 4216163.2, 7.0, 567.0, 1.5);

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539352.0, 4215797.0, 7.1, 7.1, 1.5); (539359.0, 4215583.0, 8.8, 567.0, 1.5);
(539293.8, 4215538.6, 9.9, 567.0, 1.5); (539260.8, 4215517.0, 10.1, 567.0, 1.5);
(539279.4, 4215503.6, 10.1, 567.0, 1.5); (539292.2, 4215495.5, 10.1, 567.0, 1.5);
(539319.0, 4215487.2, 10.0, 567.0, 1.5); (539337.1, 4215482.8, 9.9, 567.0, 1.5);
(539356.1, 4215482.0, 9.7, 567.0, 1.5); (539369.9, 4215483.0, 9.6, 567.0, 1.5);
(539384.7, 4215486.6, 9.5, 567.0, 1.5); (539391.5, 4215490.9, 9.4, 567.0, 1.5);
(539342.7, 4215571.9, 9.1, 567.0, 1.5); (539326.4, 4215560.8, 9.5, 567.0, 1.5);
(539310.1, 4215549.7, 9.7, 567.0, 1.5); (539277.3, 4215527.8, 10.0, 567.0, 1.5);
(539270.1, 4215510.3, 10.1, 567.0, 1.5); (539305.6, 4215491.4, 10.1, 567.0, 1.5);
(539385.0, 4215509.3, 9.2, 567.0, 1.5); (539378.5, 4215527.8, 9.1, 567.0, 1.5);
(539372.0, 4215546.2, 9.0, 567.0, 1.5); (539365.5, 4215564.6, 8.9, 567.0, 1.5);

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000568	539264.0	4215938.0	-1.71
L0000568	539244.0	4215958.0	-13.86
L0000568	539264.0	4215958.0	-20.36
L0000568	539284.0	4215958.0	-3.06
L0000569	539264.0	4215918.0	-4.71
L0000569	539284.0	4215918.0	-5.47
L0000569	539264.0	4215938.0	-18.70
L0000569	539284.0	4215938.0	-20.51
L0000569	539304.0	4215938.0	-0.80
L0000569	539264.0	4215958.0	-9.60
L0000569	539284.0	4215958.0	-10.54
L0000570	539284.0	4215898.0	-10.51
L0000570	539304.0	4215898.0	-8.27
L0000570	539264.0	4215918.0	-2.22
L0000570	539284.0	4215918.0	-22.02
L0000570	539304.0	4215918.0	-17.51
L0000570	539284.0	4215938.0	-6.59
L0000570	539304.0	4215938.0	-4.70
L0000571	539284.0	4215878.0	-2.30
L0000571	539304.0	4215878.0	-16.24
L0000571	539324.0	4215878.0	-9.71
L0000571	539284.0	4215898.0	-4.57
L0000571	539304.0	4215898.0	-21.71
L0000571	539324.0	4215898.0	-12.94
L0000571	539304.0	4215918.0	-2.64
L0000572	539324.0	4215838.0	-1.84
L0000572	539304.0	4215858.0	-7.30
L0000572	539324.0	4215858.0	-21.78
L0000572	539344.0	4215858.0	-9.51
L0000572	539304.0	4215878.0	-5.70
L0000572	539324.0	4215878.0	-18.06
L0000572	539344.0	4215878.0	-7.75
L0000573	539324.0	4215818.0	-0.63
L0000573	539344.0	4215818.0	-6.66
L0000573	539324.0	4215838.0	-11.76
L0000573	539344.0	4215838.0	-26.16
L0000573	539364.0	4215838.0	-7.70
L0000573	539324.0	4215858.0	-5.44
L0000573	539344.0	4215858.0	-13.10
L0000573	539364.0	4215858.0	-2.29

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000574	539344.0	4215798.0	-6.48
L0000574	539364.0	4215798.0	-10.89
L0000574	539344.0	4215818.0	-15.21
L0000574	539364.0	4215818.0	-24.44
L0000574	539384.0	4215818.0	-4.63
L0000574	539344.0	4215838.0	-3.83
L0000574	539364.0	4215838.0	-7.70
L0000574	539352.0	4215797.0	-9.47

L0000575	539364.0	4215778.0	-12.32
L0000575	539384.0	4215778.0	-14.04
L0000575	539364.0	4215798.0	-16.81
L0000575	539384.0	4215798.0	-19.23
L0000575	539404.0	4215798.0	-0.70
L0000575	539364.0	4215818.0	-1.09
L0000575	539384.0	4215818.0	-2.11
L0000575	539352.0	4215797.0	-5.92
L0000576	539384.0	4215738.0	-0.27
L0000576	539404.0	4215738.0	0.92
L0000576	539364.0	4215758.0	-0.52
L0000576	539384.0	4215758.0	-18.13
L0000576	539404.0	4215758.0	-15.40
L0000576	539364.0	4215778.0	0.43
L0000576	539384.0	4215778.0	-15.93
L0000576	539404.0	4215778.0	-13.56
L0000577	539404.0	4215718.0	-5.80
L0000577	539424.0	4215718.0	-1.93
L0000577	539384.0	4215738.0	-4.77
L0000577	539404.0	4215738.0	-23.82
L0000577	539424.0	4215738.0	-14.50
L0000577	539384.0	4215758.0	-0.18
L0000577	539404.0	4215758.0	-12.94
L0000577	539424.0	4215758.0	-7.80
L0000578	539404.0	4215698.0	-1.28
L0000578	539424.0	4215698.0	-11.12
L0000578	539444.0	4215698.0	-3.76
L0000578	539404.0	4215718.0	-8.26
L0000578	539424.0	4215718.0	-27.91
L0000578	539444.0	4215718.0	-11.65
L0000578	539404.0	4215738.0	0.35
L0000578	539424.0	4215738.0	-8.72

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000578	539444.0	4215738.0	-1.98
L0000579	539424.0	4215678.0	-6.89
L0000579	539444.0	4215678.0	-16.00
L0000579	539464.0	4215678.0	-4.34
L0000579	539424.0	4215698.0	-10.56
L0000579	539444.0	4215698.0	-23.71
L0000579	539464.0	4215698.0	-7.60
L0000579	539444.0	4215718.0	-3.86
L0000580	539464.0	4215638.0	-0.58
L0000580	539444.0	4215658.0	-12.32
L0000580	539464.0	4215658.0	-19.77
L0000580	539484.0	4215658.0	-3.60
L0000580	539444.0	4215678.0	-11.24
L0000580	539464.0	4215678.0	-18.01
L0000580	539484.0	4215678.0	-2.87
L0000581	539464.0	4215618.0	-3.06
L0000581	539484.0	4215618.0	-4.55
L0000581	539464.0	4215638.0	-17.35
L0000581	539484.0	4215638.0	-20.94
L0000581	539504.0	4215638.0	-1.64
L0000581	539464.0	4215658.0	-10.13

L0000581	539484.0	4215658.0	-12.20
L0000582	539484.0	4215598.0	-8.87
L0000582	539504.0	4215598.0	-7.68
L0000582	539464.0	4215618.0	-1.28
L0000582	539484.0	4215618.0	-21.26
L0000582	539504.0	4215618.0	-18.67
L0000582	539484.0	4215638.0	-7.49
L0000582	539504.0	4215638.0	-6.36
L0000583	539484.0	4215578.0	-0.77
L0000583	539504.0	4215578.0	-14.63
L0000583	539524.0	4215578.0	-9.55
L0000583	539484.0	4215598.0	-3.92
L0000583	539504.0	4215598.0	-22.15
L0000583	539524.0	4215598.0	-14.39
L0000583	539504.0	4215618.0	-3.78
L0000583	539524.0	4215618.0	-0.51
L0000584	539524.0	4215538.0	-0.44
L0000584	539504.0	4215558.0	-5.85
L0000584	539524.0	4215558.0	-20.27

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	RECEPTOR LOCATION XR (METERS)	RECEPTOR LOCATION YR (METERS)	DISTANCE (METERS)
L0000584	539544.0	4215558.0	-9.83
L0000584	539504.0	4215578.0	-5.42
L0000584	539524.0	4215578.0	-19.23
L0000584	539544.0	4215578.0	-9.31
L0000584	539524.0	4215598.0	0.62
L0000585	539504.0	4215538.0	-15.94
L0000585	539524.0	4215538.0	-15.73
L0000585	539504.0	4215558.0	-15.97
L0000585	539524.0	4215558.0	-15.76
L0000586	539464.0	4215518.0	-1.66
L0000586	539484.0	4215518.0	-16.11
L0000586	539504.0	4215518.0	-10.42
L0000586	539464.0	4215538.0	-3.75
L0000586	539484.0	4215538.0	-21.13
L0000586	539504.0	4215538.0	-13.60
L0000586	539484.0	4215558.0	-2.35
L0000586	539504.0	4215558.0	0.90
L0000587	539444.0	4215498.0	-4.01
L0000587	539464.0	4215498.0	-13.65
L0000587	539484.0	4215498.0	-4.32
L0000587	539444.0	4215518.0	-9.46
L0000587	539464.0	4215518.0	-26.33
L0000587	539484.0	4215518.0	-9.86
L0000587	539464.0	4215538.0	-6.34
L0000587	539484.0	4215538.0	0.85
L0000588	539424.0	4215478.0	-5.01
L0000588	539444.0	4215478.0	-9.52
L0000588	539424.0	4215498.0	-14.87
L0000588	539444.0	4215498.0	-25.11
L0000588	539464.0	4215498.0	-5.11
L0000588	539424.0	4215518.0	-4.83
L0000588	539444.0	4215518.0	-9.29
L0000589	539404.0	4215458.0	0.16
L0000589	539384.0	4215478.0	-1.19

L0000589	539404.0	4215478.0	-18.22
L0000589	539424.0	4215478.0	-14.25
L0000589	539384.0	4215498.0	-0.68
L0000589	539404.0	4215498.0	-17.02
L0000589	539424.0	4215498.0	-13.34
L0000589	539384.7	4215486.6	-3.37

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000589	539391.5	4215490.9	-9.88
L0000351	539384.0	4215518.0	-5.59
L0000351	539385.0	4215509.3	-9.53
L0000352	539384.0	4215518.0	-5.23
L0000352	539378.5	4215527.8	-7.23
L0000353	539364.0	4215538.0	-0.93
L0000353	539384.0	4215538.0	-2.04
L0000353	539378.5	4215527.8	-4.67
L0000353	539372.0	4215546.2	0.08
L0000354	539364.0	4215538.0	-2.41
L0000354	539372.0	4215546.2	-10.32
L0000355	539364.0	4215558.0	-10.08
L0000355	539372.0	4215546.2	0.21
L0000355	539365.5	4215564.6	-4.53
L0000356	539364.0	4215558.0	-5.91
L0000356	539365.5	4215564.6	-5.71
L0000357	539344.0	4215558.0	0.36
L0000357	539364.0	4215558.0	-2.82
L0000358	539364.0	4215538.0	-6.42
L0000358	539372.0	4215546.2	0.49
L0000359	539364.0	4215518.0	0.48
L0000359	539364.0	4215538.0	-4.86
L0000360	539364.0	4215518.0	-7.66
L0000361	539364.0	4215498.0	0.82
L0000361	539385.0	4215509.3	0.32
L0000362	539364.0	4215498.0	-4.77
L0000362	539384.0	4215498.0	0.74
L0000363	539364.0	4215498.0	-5.87
L0000364	539364.0	4215518.0	-5.68
L0000365	539344.0	4215518.0	0.79
L0000366	539344.0	4215538.0	-7.14
L0000367	539344.0	4215538.0	-0.68
L0000367	539344.0	4215558.0	-3.67
L0000368	539344.0	4215538.0	-0.52
L0000369	539324.0	4215538.0	-0.41
L0000369	539344.0	4215538.0	-3.54
L0000370	539344.0	4215518.0	-4.44
L0000371	539344.0	4215518.0	-7.18
L0000372	539344.0	4215498.0	-6.88
L0000373	539344.0	4215498.0	-6.14

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000374	539324.0	4215518.0	-0.32
L0000375	539324.0	4215518.0	-7.62
L0000376	539324.0	4215538.0	-5.99
L0000377	539304.0	4215538.0	0.03
L0000377	539324.0	4215538.0	0.08
L0000378	539304.0	4215518.0	-0.81
L0000378	539324.0	4215518.0	-3.21
L0000379	539324.0	4215498.0	-0.63
L0000379	539324.0	4215518.0	-0.85
L0000380	539304.0	4215498.0	-0.84
L0000381	539304.0	4215518.0	-8.62
L0000382	539304.0	4215518.0	-6.95
L0000383	539304.0	4215518.0	-4.79
L0000487	539384.0	4215498.0	-8.51
L0000487	539384.7	4215486.6	-3.42
L0000487	539391.5	4215490.9	-5.52
L0000488	539384.0	4215498.0	-3.35
L0000488	539384.0	4215518.0	-0.75
L0000488	539385.0	4215509.3	-8.44
L0000489	539384.0	4215518.0	-6.49
L0000489	539385.0	4215509.3	-1.10
L0000489	539378.5	4215527.8	-2.62
L0000490	539384.0	4215538.0	0.60
L0000490	539378.5	4215527.8	-7.56
L0000491	539364.0	4215538.0	-5.18
L0000491	539372.0	4215546.2	-6.93
L0000492	539364.0	4215558.0	-6.45
L0000492	539372.0	4215546.2	-3.48
L0000492	539365.5	4215564.6	-0.28
L0000493	539364.0	4215558.0	-5.72
L0000493	539365.5	4215564.6	-8.89
L0000494	539364.0	4215578.0	-5.91
L0000494	539359.0	4215583.0	-4.86
L0000495	539344.0	4215558.0	0.55
L0000495	539344.0	4215578.0	-2.86
L0000495	539342.7	4215571.9	-5.91
L0000496	539344.0	4215558.0	-5.01
L0000496	539342.7	4215571.9	-2.27
L0000496	539326.4	4215560.8	0.27
L0000497	539324.0	4215558.0	-6.94

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000497	539326.4	4215560.8	-6.61
L0000498	539324.0	4215538.0	-0.33
L0000498	539324.0	4215558.0	-1.51
L0000498	539310.1	4215549.7	-3.41

L0000499	539304.0	4215538.0	-6.13
L0000499	539310.1	4215549.7	-4.03
L0000500	539304.0	4215538.0	-6.06
L0000500	539293.8	4215538.6	-5.65
L0000501	539284.0	4215518.0	-1.49
L0000501	539284.0	4215538.0	-0.51
L0000501	539293.8	4215538.6	-0.10
L0000501	539277.3	4215527.8	-0.48
L0000502	539284.0	4215518.0	-6.73
L0000502	539277.3	4215527.8	-4.57
L0000503	539284.0	4215518.0	-6.49
L0000503	539279.4	4215503.6	-2.45
L0000503	539270.1	4215510.3	-1.03
L0000504	539284.0	4215498.0	-1.74
L0000504	539279.4	4215503.6	-0.63
L0000504	539292.2	4215495.5	-1.63
L0000505	539304.0	4215498.0	-8.75
L0000505	539292.2	4215495.5	-2.24
L0000505	539305.6	4215491.4	-2.60
L0000506	539304.0	4215498.0	-3.31
L0000506	539324.0	4215498.0	-0.54
L0000506	539319.0	4215487.2	-1.58
L0000506	539305.6	4215491.4	-3.95
L0000507	539324.0	4215498.0	-5.70
L0000507	539319.0	4215487.2	-5.54
L0000508	539344.0	4215498.0	-1.17
L0000508	539337.1	4215482.8	-4.68
L0000509	539344.0	4215478.0	-0.21
L0000509	539344.0	4215498.0	-2.40
L0000509	539337.1	4215482.8	0.66
L0000509	539356.1	4215482.0	-1.54
L0000510	539364.0	4215478.0	-0.80
L0000510	539364.0	4215498.0	-2.35
L0000510	539356.1	4215482.0	-4.12
L0000510	539369.9	4215483.0	-1.10
L0000511	539364.0	4215498.0	0.07

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	RECEPTOR LOCATION XR (METERS)	RECEPTOR LOCATION YR (METERS)	DISTANCE (METERS)
L0000511	539369.9	4215483.0	-5.35
L0000511	539384.7	4215486.6	0.15
L0000512	539384.0	4215498.0	-5.48
L0000512	539384.7	4215486.6	-2.68
L0000513	539364.0	4215498.0	0.76
L0000513	539384.0	4215498.0	-0.20
L0000513	539385.0	4215509.3	-1.10
L0000514	539364.0	4215518.0	-5.56
L0000515	539364.0	4215518.0	-1.46
L0000515	539364.0	4215538.0	-2.31
L0000515	539378.5	4215527.8	-0.19
L0000516	539364.0	4215538.0	-9.70
L0000516	539372.0	4215546.2	-0.80
L0000517	539364.0	4215558.0	-3.55
L0000518	539344.0	4215558.0	-0.74
L0000518	539364.0	4215558.0	-1.34
L0000518	539365.5	4215564.6	-0.94

L0000519	539344.0	4215558.0	-11.32
L0000520	539324.0	4215558.0	0.76
L0000520	539344.0	4215558.0	-0.35
L0000520	539326.4	4215560.8	0.89
L0000521	539324.0	4215538.0	-6.34
L0000522	539304.0	4215538.0	-1.59
L0000522	539324.0	4215538.0	-2.68
L0000523	539304.0	4215518.0	-0.12
L0000523	539304.0	4215538.0	-4.24
L0000524	539284.0	4215518.0	-0.56
L0000524	539304.0	4215518.0	-1.29
L0000525	539284.0	4215518.0	-9.00
L0000526	539304.0	4215518.0	-2.34
L0000527	539304.0	4215498.0	-3.90
L0000528	539324.0	4215498.0	-6.20
L0000529	539324.0	4215498.0	-3.65
L0000529	539344.0	4215498.0	-0.19
L0000530	539344.0	4215498.0	-11.99
L0000531	539344.0	4215498.0	0.16
L0000531	539364.0	4215498.0	-4.40
L0000532	539364.0	4215498.0	-9.02
L0000533	539364.0	4215498.0	-1.31
L0000533	539364.0	4215518.0	-3.04

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000534	539364.0	4215518.0	-7.38
L0000535	539364.0	4215538.0	-2.56
L0000536	539344.0	4215538.0	-1.68
L0000536	539364.0	4215538.0	0.48
L0000537	539344.0	4215538.0	-2.31
L0000537	539344.0	4215558.0	-1.53
L0000538	539324.0	4215538.0	0.33
L0000538	539344.0	4215538.0	-3.88
L0000539	539324.0	4215538.0	-7.80
L0000540	539324.0	4215518.0	0.21
L0000541	539304.0	4215518.0	-9.05
L0000542	539304.0	4215518.0	-4.90
L0000543	539324.0	4215498.0	-1.64
L0000543	539324.0	4215518.0	-1.71
L0000544	539324.0	4215498.0	-1.35
L0000545	539344.0	4215498.0	-7.14
L0000546	539344.0	4215498.0	0.63
L0000546	539364.0	4215498.0	-3.99
L0000547	539344.0	4215518.0	0.69
L0000547	539364.0	4215518.0	0.58
L0000548	539344.0	4215518.0	-6.55
L0000549	539344.0	4215538.0	-6.12
L0000550	539344.0	4215538.0	-0.84
L0000551	539324.0	4215518.0	-6.45
L0000552	539324.0	4215518.0	-10.69
L0000553	539324.0	4215518.0	0.71
L0000553	539344.0	4215518.0	-0.51
L0000554	539344.0	4215498.0	0.68
L0000554	539344.0	4215518.0	-4.17

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

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          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1
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NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: NOVATO - OPERATIONAL - DEC 2024.SFC Met Version: 18081
Profile file: NOVATO - OPERATIONAL - DEC 2024.PFL
Surface format: FREE

Profile format: FREE

Surface station no.: 72040 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	275.1	2.0
13	01	01	1	02	-5.0	0.090	-9.000	-9.000	-999.	65.	13.4	0.03	1.38	1.00	1.50	178.	10.0	276.1	2.0
13	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	276.1	2.0
13	01	01	1	04	-8.1	0.111	-9.000	-9.000	-999.	89.	15.6	0.01	1.38	1.00	2.10	23.	10.0	276.1	2.0
13	01	01	1	05	-11.1	0.137	-9.000	-9.000	-999.	122.	21.3	0.04	1.38	1.00	2.10	93.	10.0	276.1	

```
2.0
 13 01 01   1 06  -15.6  0.162 -9.000 -9.000 -999.  156.     28.8  0.03   1.38   1.00    2.60  192.   10.0  276.1
2.0
 13 01 01   1 07  -12.7  0.140 -9.000 -9.000 -999.  126.     21.7  0.01   1.38   1.00    2.60  345.   10.0  274.1
2.0
 13 01 01   1 08 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0
 13 01 01   1 09 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   0.40    0.00    0.   10.0  275.1
2.0
 13 01 01   1 10   47.4 -9.000 -9.000 -9.000  123. -999. -99999.0  0.02   1.38   0.27    0.00    0.   10.0  279.1
2.0
 13 01 01   1 11   90.7  0.161  0.901  0.005  295.  155.     -4.2  0.01   1.38   0.22    2.10   74.   10.0  281.1
2.0
 13 01 01   1 12  115.7  0.364  1.360  0.008  796.  527.    -38.1  0.01   1.38   0.21    5.70   46.   10.0  283.1
2.0
 13 01 01   1 13  120.9  0.398  1.443  0.008  908.  602.    -47.6  0.04   1.38   0.20    5.10   93.   10.0  285.1
2.0
 13 01 01   1 14  105.4  0.230  1.394  0.007  940.  286.    -10.6  0.04   1.38   0.21    2.60  129.   10.0  285.1
2.0
 13 01 01   1 15   71.0  0.323  1.231  0.006  961.  441.    -43.5  0.01   1.38   0.24    5.10   72.   10.0  286.1
2.0
 13 01 01   1 16   20.1  0.172  0.811  0.006  967.  188.    -23.2  0.04   1.38   0.33    2.10  114.   10.0  286.1
2.0
 13 01 01   1 17   -9.2  0.130 -9.000 -9.000 -999.  112.     21.6  0.03   1.38   0.56    2.10  231.   10.0  282.1
2.0
 13 01 01   1 18  -15.5  0.162 -9.000 -9.000 -999.  156.     28.9  0.03   1.38   1.00    2.60  247.   10.0  281.1
2.0
 13 01 01   1 19  -10.0  0.129 -9.000 -9.000 -999.  111.     19.4  0.03   1.38   1.00    2.10  214.   10.0  279.1
2.0
 13 01 01   1 20  -20.2  0.195 -9.000 -9.000 -999.  207.     41.9  0.03   1.38   1.00    3.10  187.   10.0  277.1
2.0
 13 01 01   1 21 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 22 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  276.1
2.0
 13 01 01   1 23 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  275.1
2.0
 13 01 01   1 24 -999.0 -9.000 -9.000 -9.000 -999. -999. -99999.0  0.02   1.38   1.00    0.00    0.   10.0  273.1
2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01   10.0 1 -999.  -99.00   275.2   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 209
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                                INCLUDING SOURCE(S):     PAREA2      ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                           **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       0.27278      0.29633      0.32019      0.34446      0.36817      0.39176      0.41523
```

0.43886 0.46295
4215938.00 | 0.26477 0.29043 0.31706 0.34465 0.37206 0.39958 0.42706
0.45472 0.48294
4215918.00 | 0.25375 0.28064 0.30961 0.34018 0.37129 0.40306 0.43516
0.46764 0.50048
4215898.00 | 0.24037 0.26785 0.29809 0.33087 0.36516 0.40080 0.43775
0.47595 0.51460
4215878.00 | 0.22589 0.25287 0.28328 0.31694 0.35361 0.39286 0.43466
0.47822 0.52333
4215858.00 | 0.21107 0.23681 0.26637 0.29985 0.33733 0.37889 0.42423
0.47314 0.52437
4215838.00 | 0.19661 0.22062 0.24840 0.28077 0.31785 0.35988 0.40738
0.45962 0.51671
4215818.00 | 0.18286 0.20499 0.23072 0.26105 0.29635 0.33746 0.38520
0.43902 0.49938
4215798.00 | 0.17002 0.19011 0.21380 0.24171 0.27451 0.31346 0.35939
0.41251 0.47354
4215778.00 | 0.15808 0.17641 0.19795 0.22337 0.25334 0.28901 0.33154
0.38190 0.44157
4215758.00 | 0.14741 0.16393 0.18335 0.20618 0.23328 0.26542 0.30418
0.35056 0.40641
4215738.00 | 0.13813 0.15291 0.17027 0.19071 0.21485 0.24370 0.27835
0.32023 0.37140
4215718.00 | 0.13046 0.14355 0.15888 0.17712 0.19841 0.22404 0.25468
0.29199 0.33773
4215698.00 | 0.12419 0.13579 0.14947 0.16562 0.18441 0.20685 0.23383
0.26671 0.30737
4215678.00 | 0.11870 0.12932 0.14166 0.15607 0.17272 0.19246 0.21611
0.24490 0.28023
4215658.00 | 0.11329 0.12327 0.13468 0.14784 0.16285 0.18046 0.20132
0.22631 0.25726
4215638.00 | 0.10771 0.11712 0.12781 0.13997 0.15378 0.16980 0.18855
0.21088 0.23802
4215618.00 | 0.10210 0.11086 0.12076 0.13214 0.14494 0.15970 0.17686
0.19710 0.22138
4215598.00 | 0.09681 0.10488 0.11398 0.12445 0.13621 0.14976 0.16546
0.18390 0.20591
4215578.00 | 0.09194 0.09929 0.10769 0.11725 0.12798 0.14031 0.15455
0.17126 0.19099
4215558.00 | 0.08720 0.09400 0.10173 0.11051 0.12031 0.13154 0.14446
0.15955 0.17732
4215538.00 | 0.08230 0.08867 0.09586 0.10401 0.11305 0.12337 0.13520
0.14886 0.16515
4215518.00 | 0.07754 0.08356 0.09035 0.09796 0.10650 0.11615 0.12720
0.14006 0.15516
4215498.00 | 0.07373 0.07957 0.08608 0.09353 0.10181 0.11126 0.12197
0.13463 0.14937
4215478.00 | 0.07189 0.07778 0.08435 0.09190 0.10029 0.11000 0.12105
0.13384 0.14889
4215458.00 | 0.07256 0.07864 0.08559 0.09348 0.10238 0.11256 0.12428
0.13770 0.15330
4215438.00 | 0.07529 0.08177 0.08908 0.09735 0.10667 0.11739 0.12958
0.14361 0.15956
4215418.00 | 0.07898 0.08567 0.09319 0.10159 0.11115 0.12199 0.13434
0.14834 0.16414
4215398.00 | 0.08216 0.08886 0.09634 0.10465 0.11404 0.12463 0.13649
0.14995 0.16504
4215378.00 | 0.08400 0.09051 0.09770 0.10576 0.11476 0.12484 0.13610
0.14884 0.16315
4215358.00 | 0.08442 0.09062 0.09753 0.10520 0.11373 0.12321 0.13401
0.14627 0.16028
4215338.00 | 0.08388 0.08979 0.09636 0.10366 0.11176 0.12101 0.13168
0.14407 0.15854
4215318.00 | 0.08277 0.08846 0.09478 0.10188 0.10993 0.11928 0.13029
0.14339 0.15877
4215298.00 | 0.08150 0.08706 0.09336 0.10057 0.10900 0.11897 0.13070
0.14454 0.16083
4215278.00 | 0.08038 0.08609 0.09267 0.10048 0.10955 0.12020 0.13258
0.14676 0.16288

  4215258.00 | 0.07988   0.08604   0.09324   0.10175   0.11147   0.12246   0.13479
0.14850   0.16352
  4215238.00 | 0.08036   0.08709   0.09495   0.10394   0.11374   0.12462   0.13629
0.14885   0.16221
  4215218.00 | 0.08185   0.08904   0.09716   0.10611   0.11560   0.12571   0.13622
0.14723   0.15863
  4215198.00 | 0.08381   0.09113   0.09903   0.10743   0.11609   0.12506   0.13435
0.14365   0.15314
  4215178.00 | 0.08569   0.09265   0.09994   0.10742   0.11509   0.12287   0.13065
0.13843   0.14630

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                                INCLUDING SOURCE(S):   PAREA2   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215158.00 | 0.08683   0.09316   0.09958   0.10616   0.11276   0.11923   0.12572
0.13227   0.13921
  4215138.00 | 0.08701   0.09259   0.09815   0.10372   0.10918   0.11446   0.11991
0.12582   0.13278
  4215118.00 | 0.08624   0.09100   0.09571   0.10028   0.10472   0.10914   0.11411
0.12002   0.12742
  4215098.00 | 0.08460   0.08861   0.09245   0.09612   0.09977   0.10389   0.10894
0.11533   0.12358
  4215078.00 | 0.08228   0.08550   0.08855   0.09157   0.09501   0.09928   0.10482
0.11192   0.12098
  4215058.00 | 0.07933   0.08186   0.08441   0.08724   0.09087   0.09565   0.10178
0.10971   0.11969
  4215038.00 | 0.07591   0.07803   0.08040   0.08352   0.08766   0.09309   0.09991
0.10855   0.11935
  4215018.00 | 0.07236   0.07437   0.07705   0.08067   0.08544   0.09142   0.09895
0.10828   0.11995
  4214998.00 | 0.06906   0.07134   0.07453   0.07875   0.08403   0.09064   0.09874
0.10880   0.12129
  4214978.00 | 0.06628   0.06910   0.07286   0.07762   0.08339   0.09049   0.09920
0.10997   0.12344

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                                INCLUDING SOURCE(S):   PAREA2   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)

(METERS)	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.48672	0.50931	0.53006	0.54832	0.56408	0.57726	0.58969	0.60041	0.60925
4215938.00	0.51068	0.53828	0.56398	0.58736	0.60819	0.62602	0.64245	0.65596	0.66814
4215918.00	0.53365	0.56663	0.59804	0.62745	0.65447	0.67836	0.70043	0.71852	0.73455
4215898.00	0.55385	0.59319	0.63082	0.66726	0.70166	0.73369	0.76259	0.78798	0.80942
4215878.00	0.56928	0.61613	0.66167	0.70651	0.74980	0.79046	0.82947	0.86399	0.89347
4215858.00	0.57796	0.63296	0.68778	0.74261	0.79657	0.84851	0.89934	0.94573	0.98551
4215838.00	0.57728	0.64084	0.70604	0.77246	0.83913	0.90477	0.97025	1.03176	1.08645
4215818.00	0.56545	0.63730	0.71309	0.79219	0.87344	0.95538	1.03882	1.11838	1.19355
4215798.00	0.54339	0.62105	0.70620	0.79782	0.89461	0.99499	1.09972	1.20285	1.30320
4215778.00	0.51158	0.59214	0.68424	0.78700	0.89869	1.01921	1.14689	1.27809	1.40883
4215758.00	0.47391	0.55400	0.64833	0.75759	0.88248	1.02080	1.17266	1.33357	1.50028
4215738.00	0.43383	0.50997	0.60189	0.71285	0.84407	0.99633	1.16833	1.35935	1.56625
4215718.00	0.39425	0.46373	0.55028	0.65674	0.78802	0.94599	1.13130	1.34740	1.59091
4215698.00	0.35717	0.41937	0.49728	0.59484	0.71848	0.87364	1.06288	1.29274	1.56596
4215678.00	0.32403	0.37855	0.44707	0.53355	0.64485	0.78813	0.96937	1.19973	1.48783
4215658.00	0.29527	0.34249	0.40146	0.47683	0.57390	0.69969	0.86318	1.07858	1.36108
4215638.00	0.27106	0.31153	0.36239	0.42687	0.50984	0.61763	0.75892	0.94871	1.20623
4215618.00	0.25054	0.28580	0.32962	0.38460	0.45433	0.54553	0.66427	0.82449	1.04514
4215598.00	0.23191	0.26335	0.30172	0.34918	0.40850	0.48509	0.58360	0.71557	0.89704
4215578.00	0.21450	0.24261	0.27659	0.31793	0.36958	0.43484	0.51723	0.62568	0.77249
4215558.00	0.19842	0.22353	0.25348	0.29014	0.33535	0.39185	0.46207	0.55288	0.67324
4215538.00	0.18429	0.20697	0.23386	0.26660	0.30667	0.35595	0.41693	0.49476	0.59628
4215518.00	0.17302	0.19393	0.21908	0.24938	0.28628	0.33130	0.38660	0.45658	0.54688
4215498.00	0.16665	0.18706	0.21137	0.24092	0.27649	0.32067	0.37420	0.44170	0.52829
4215478.00	0.16636	0.18722	0.21207	0.24223	0.27849	0.32338	0.37766	0.44581	0.53275
4215458.00	0.17155	0.19304	0.21873	0.24943	0.28674	0.33221	0.38687	0.45495	0.54119
4215438.00	0.17807	0.19986	0.22545	0.25621	0.29297	0.33744	0.39072	0.45703	0.54132
4215418.00	0.18233	0.20337	0.22808	0.25761	0.29292	0.33550	0.38734	0.45263	0.53615
4215398.00	0.18233	0.20229	0.22602	0.25451	0.28911	0.33152	0.38368	0.44914	0.53113
4215378.00	0.17967	0.19901	0.22246	0.25120	0.28626	0.32989	0.38224	0.44585	0.52247
4215358.00	0.17678	0.19653	0.22086	0.25046	0.28660	0.32995	0.38003	0.43859	0.50707
4215338.00	0.17587	0.19669	0.22201	0.25201	0.28733	0.32805	0.37343	0.42513	0.48525

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.61781	0.62596	0.63302	0.63774	0.63913	0.63725	0.63450	0.63524	0.64327
4215938.00	0.67814	0.68757	0.69597	0.70227	0.70514	0.70444	0.70181	0.70176	0.70868
4215918.00	0.74774	0.75891	0.76891	0.77669	0.78161	0.78214	0.78016	0.77942	0.78517
4215898.00	0.82620	0.84002	0.85213	0.86210	0.87045	0.87308	0.87189	0.87088	0.87542
4215878.00	0.91642	0.93553	0.95082	0.96430	0.97525	0.98009	0.98030	0.97931	0.98292
4215858.00	1.01993	1.04644	1.06805	1.08550	1.09867	1.10726	1.10948	1.10917	1.11183
4215838.00	1.13483	1.17299	1.20480	1.23008	1.24795	1.25973	1.26492	1.26613	1.26862
4215818.00	1.26113	1.31799	1.36459	1.40122	1.42696	1.44406	1.45217	1.45731	1.46101
4215798.00	1.39648	1.47815	1.54896	1.60632	1.64609	1.66851	1.68184	1.69048	1.70007
4215778.00	1.53590	1.65182	1.75579	1.84319	1.90489	1.94595	1.96898	1.98311	1.99590
4215758.00	1.66856	1.83218	1.98314	2.11577	2.21703	2.28917	2.33216	2.35393	2.37596
4215738.00	1.78333	2.00610	2.22163	2.41749	2.58378	2.71047	2.79399	2.83897	2.87391
4215718.00	1.86111	2.15336	2.44981	2.74056	3.00144	3.21832	3.37875	3.47668	3.54192
4215698.00	1.88487	2.24939	2.64362	3.05530	3.45217	3.81083	4.11200	4.32168	4.46320
4215678.00	1.84236	2.26843	2.76562	3.31945	3.89618	4.46869	4.99504	5.42640	5.73788
4215658.00	1.72846	2.19939	2.78301	3.48203	4.27157	5.13036	6.00455	6.81273	7.48255
4215638.00	1.55821	2.03771	2.67334	3.48932	4.50769	5.70488	7.04329	8.44991	9.80195
4215618.00	1.35624	1.80234	2.43563	3.31585	4.51547	6.07650	7.98940	10.23707	12.67781
4215598.00	1.15511	1.53527	2.10059	2.95751	4.23944	6.10134	8.65640	11.99001	16.05810
4215578.00	0.97919	1.28145	1.74323	2.47643	3.67677	5.64631	8.80617	13.52821	20.03088
4215558.00	0.83886	1.07576	1.43132	1.99577	2.95246	4.71181	8.08912	14.42971	24.97712
4215538.00	0.73307	0.92521	1.20320	1.62856	2.32671	3.61837	6.39270	13.45164	31.26645
4215518.00	0.66695	0.83263	1.06652	1.40959	1.95099	2.88517	4.74798	9.58902	29.49737
4215498.00	0.64262	0.79881	1.01465	1.32951	1.81194	2.61284	4.09735	7.50800	18.58346
4215478.00	0.64674	0.80158	1.01309	1.31866	1.78097	2.52886	3.84337	6.55765	12.97146
4215458.00	0.65362	0.80436	1.01417	1.31140	1.74931	2.41991	3.55142	5.67689	9.66956
4215438.00	0.65186	0.80008	1.00218	1.28079	1.67106	2.26032	3.22633	4.87251	7.49159
4215418.00	0.64482	0.78771	0.97406	1.22322	1.56914	2.09220	2.91754	4.18051	5.97529
4215398.00	0.63407	0.76459	0.93122	1.15190	1.46806	1.93745	2.63441	3.60625	4.87027

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2 ***

INCLUDING SOURCE(S): PAREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215378.00	0.61552	0.73182	0.88019	1.08365	1.37477	1.79510	2.37287	3.12666	4.03742
4215358.00	0.58937	0.69380	0.83059	1.02219	1.29301	1.66116	2.14164	2.72528	3.39126
4215338.00	0.55904	0.65597	0.78686	0.97073	1.22062	1.54065	1.93312	2.38553	2.87668
4215318.00	0.53074	0.62427	0.75325	0.92808	1.15395	1.42870	1.74946	2.10023	2.46319
4215298.00	0.50635	0.60031	0.72667	0.89022	1.08930	1.32134	1.57981	1.85364	2.12430
4215278.00	0.48913	0.58345	0.70547	0.85312	1.02466	1.21833	1.42561	1.64055	1.84704
4215258.00	0.47796	0.57098	0.68493	0.81441	0.95963	1.12018	1.28772	1.45666	1.61520
4215238.00	0.47042	0.55970	0.66252	0.77409	0.89582	1.02665	1.16268	1.29708	1.42190
4215218.00	0.46415	0.54706	0.63720	0.73247	0.83411	0.94094	1.05049	1.15889	1.25842
4215198.00	0.45737	0.53173	0.60905	0.68915	0.77395	0.86250	0.95165	1.03886	1.12025
4215178.00	0.44852	0.51301	0.57878	0.64662	0.71801	0.79157	0.86569	0.93644	1.00180

4215158.00	0.43689	0.49200	0.54738	0.60534	0.66618	0.72864	0.78929	0.84769	0.90137
4215138.00	0.42243	0.46873	0.51590	0.56619	0.61817	0.67163	0.72262	0.77035	0.81556
4215118.00	0.40559	0.44481	0.48575	0.52925	0.57518	0.62063	0.66296	0.70258	0.74042
4215098.00	0.38714	0.42047	0.45675	0.49583	0.53626	0.57488	0.61045	0.64294	0.67491
4215078.00	0.36792	0.39727	0.42981	0.46534	0.50057	0.53370	0.56307	0.59022	0.61810
4215058.00	0.34875	0.37539	0.40512	0.43721	0.46819	0.49611	0.52065	0.54300	0.56759
4215038.00	0.33092	0.35518	0.38262	0.41127	0.43839	0.46208	0.48254	0.50142	0.52298
4215018.00	0.31424	0.33672	0.36184	0.38760	0.41117	0.43115	0.44822	0.46430	0.48344
4214998.00	0.29891	0.31993	0.34315	0.36589	0.38622	0.40297	0.41723	0.43107	0.44789
4214978.00	0.28497	0.30491	0.32597	0.34607	0.36325	0.37725	0.38920	0.40124	0.41653

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2 ***

INCLUDING SOURCE(S): PAREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.66054	0.68503	0.71092	0.73240	0.74752	0.75762	0.76475	0.77087	0.77810
4215938.00	0.72557	0.75120	0.77962	0.80391	0.82115	0.83266	0.84096	0.84852	0.85792
4215918.00	0.80144	0.82806	0.85923	0.88678	0.90655	0.91978	0.92955	0.93908	0.95135
4215898.00	0.89082	0.91820	0.95234	0.98358	1.00640	1.02174	1.03352	1.04565	1.06143
4215878.00	0.99717	1.02518	1.06218	1.09765	1.12412	1.14224	1.15664	1.17217	1.19192
4215858.00	1.12492	1.15307	1.19322	1.23339	1.26434	1.28598	1.30390	1.32380	1.34774
4215838.00	1.28017	1.30822	1.35109	1.39697	1.43328	1.45946	1.48210	1.50730	1.53450
4215818.00	1.47140	1.49873	1.54427	1.59629	1.63934	1.67145	1.70043	1.73140	1.75888
4215798.00	1.70997	1.73583	1.78368	1.84266	1.89447	1.93460	1.97157	2.00710	2.02804
4215778.00	2.01223	2.03656	2.08557	2.15269	2.21585	2.26661	2.31198	2.34821	2.34927
4215758.00	2.39825	2.42583	2.47554	2.55179	2.62970	2.69397	2.74580	2.77149	2.72920
4215738.00	2.90390	2.93597	2.99074	3.07697	3.17409	3.25420	3.30637	3.29692	3.17422
4215718.00	3.58732	3.62611	3.68563	3.78274	3.90435	3.99963	4.03812	3.94924	3.69182
4215698.00	4.54096	4.59601	4.66089	4.76891	4.92512	5.02429	5.00366	4.75809	4.30111
4215678.00	5.92480	6.01898	6.10041	6.22614	6.40742	6.48027	6.29098	5.76632	5.03901
4215658.00	7.95543	8.23009	8.35840	8.50326	8.67407	8.62010	8.04912	7.04870	5.96633
4215638.00	10.96032	11.79377	12.20137	12.35884	12.40761	11.90978	10.48449	8.73860	7.13831
4215618.00	15.23181	17.64120	19.40613	19.92517	19.39029	17.34040	14.02776	10.98090	8.51816
4215598.00	21.00858	26.95956	33.64290	38.67986	35.77707	26.89392	19.08202	13.65929	9.92839
4215578.00	29.02867	41.97564	61.52309	89.69500	78.37108	42.43460	25.12452	16.24536	11.03894
4215558.00	41.74313	69.86175	106.77061	136.57486	126.37660	62.35208	31.08871	18.17072	11.57573
4215538.00	65.62059	101.45393	136.75722	158.86602	152.67138	87.31558	36.98365	19.19759	11.43135
4215518.00	71.34297	113.03229	139.01627	153.11570	152.51599	102.59586	41.88562	18.85347	10.55142
4215498.00	49.39831	78.00140	105.22219	121.95895	121.85947	93.41748	40.17104	16.43718	9.23450
4215478.00	26.25772	44.96232	61.46007	73.33093	72.36958	57.49224	29.59298	14.12148	8.34078
4215458.00	16.19417	24.57641	32.43654	37.63734	37.35106	30.70971	20.72201	12.33282	7.74636

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2 ***

INCLUDING SOURCE(S): PAREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00	
4215438.00	11.20745	15.60386	19.76007	22.30387	22.25892	19.41772	14.93494	10.40693	7.06383	
4215418.00	8.27443	10.85847	13.22668	14.69869	14.81015	13.51869	11.22513	8.61069	6.29828	
4215398.00	6.37885	7.97459	9.42023	10.35503	10.55399	9.94548	8.68258	7.10754	5.53868	
4215378.00	5.06424	6.10128	7.02111	7.64182	7.86255	7.59841	6.88551	5.90035	4.82547	
4215358.00	4.10029	4.80329	5.41751	5.86023	6.06167	5.96086	5.55434	4.93470	4.19387	
4215338.00	3.37963	3.86797	4.29675	4.62073	4.80249	4.78670	4.55432	4.15684	3.64952	
4215318.00	2.82737	3.17447	3.48129	3.73093	3.88578	3.90689	3.77193	3.51934	3.17313	
4215298.00	2.39420	2.64819	2.87834	3.07241	3.20338	3.23715	3.16539	3.00436	2.76834	
4215278.00	2.04967	2.24297	2.41814	2.57253	2.68312	2.72302	2.68562	2.58291	2.42243	
4215258.00	1.77206	1.92062	2.05933	2.18459	2.27592	2.31871	2.30158	2.23627	2.12744	
4215238.00	1.54394	1.66200	1.77435	1.87587	1.95516	1.99566	1.99044	1.94932	1.87741	
4215218.00	1.35594	1.45163	1.54447	1.62941	1.69682	1.73391	1.73555	1.71153	1.66362	
4215198.00	1.19936	1.27838	1.35527	1.42847	1.48600	1.51926	1.52466	1.51185	1.48045	
4215178.00	1.06680	1.13317	1.19998	1.26270	1.31191	1.34031	1.34961	1.34307	1.32395	
4215158.00	0.95557	1.01219	1.07011	1.12440	1.16576	1.19156	1.20121	1.19949	1.18800	
4215138.00	0.86141	0.91124	0.96197	1.00860	1.04433	1.06596	1.07529	1.07515	1.06955	
4215118.00	0.78041	0.82410	0.86898	0.91003	0.94107	0.95903	0.96772	0.96893	0.96666	
4215098.00	0.71029	0.74961	0.78962	0.82546	0.85201	0.86740	0.87435	0.87707	0.87692	
4215078.00	0.64925	0.68443	0.72085	0.75281	0.77569	0.78837	0.79422	0.79702	0.79833	
4215058.00	0.59584	0.62758	0.66046	0.68914	0.70938	0.72026	0.72510	0.72701	0.72923	
4215038.00	0.54842	0.57729	0.60718	0.63307	0.65141	0.66118	0.66464	0.66615	0.66801	
4215018.00	0.50615	0.53299	0.56028	0.58405	0.60043	0.60887	0.61195	0.61251	0.61432	
4214998.00	0.46909	0.49377	0.51878	0.54041	0.55539	0.56303	0.56500	0.56507	0.56616	
4214978.00	0.43610	0.45890	0.48190	0.50187	0.51538	0.52233	0.52373			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2 ***

INCLUDING SOURCE(S): PAREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.78859	0.80276	0.81855	0.83081	0.83240	0.81746	0.78366	0.73390	0.67469
4215938.00	0.87132	0.88800	0.90410	0.91195	0.90377	0.87452	0.82527	0.76198	0.69377
4215918.00	0.96793	0.98652	1.00052	1.00015	0.97762	0.93047	0.86421	0.78843	0.71325
4215898.00	1.08123	1.10020	1.10822	1.09425	1.05211	0.98460	0.90130	0.81479	0.73513
4215878.00	1.21423	1.23017	1.22663	1.19259	1.12638	1.03665	0.93800	0.84370	0.76196
4215858.00	1.37031	1.37784	1.35485	1.29332	1.19912	1.08778	0.97665	0.87778	0.79569
4215838.00	1.55277	1.54324	1.49072	1.39497	1.27122	1.14074	1.02084	0.91970	0.83843
4215818.00	1.76436	1.72545	1.63241	1.49751	1.34537	1.19963	1.07424	0.97259	0.89192
4215798.00	2.00703	1.92285	1.77928	1.60340	1.42644	1.26971	1.14105	1.03891	0.95701
4215778.00	2.28137	2.13432	1.93312	1.71822	1.52106	1.35630	1.22483	1.11994	1.03301
4215758.00	2.58739	2.36129	2.10034	1.85048	1.63663	1.46444	1.32729	1.21443	1.11665
4215738.00	2.92748	2.61121	2.29199	2.01036	1.78007	1.59654	1.44660	1.31782	1.20245
4215718.00	3.31144	2.89912	2.52217	2.20721	1.95447	1.74966	1.57580	1.42223	1.28327
4215698.00	3.76129	3.24560	2.80376	2.44520	2.15537	1.91401	1.70446	1.51822	1.35195
4215678.00	4.31032	3.66931	3.14101	2.71570	2.36797	2.07391	1.81905	1.59636	1.40228
4215658.00	4.98978	4.17287	3.51856	2.99626	2.56896	2.21065	1.90661	1.64815	1.42922
4215638.00	5.78988	4.72299	3.89770	3.25142	2.73066	2.30490	1.95462	1.66595	1.42826
4215618.00	6.63574	5.25216	4.22173	3.43514	2.82206	2.33731	1.95192	1.64380	1.39627
4215598.00	7.38630	5.65205	4.41377	3.50050	2.81571	2.29514	1.89377	1.58129	1.33473
4215578.00	7.85110	5.80688	4.40977	3.42376	2.70938	2.18402	1.78962	1.48746	1.25205
4215558.00	7.89401	5.64943	4.19811	3.21831	2.52574	2.02576	1.65690	1.37726	1.16062
4215538.00	7.46582	5.21948	3.83329	2.92640	2.30106	1.85044	1.51827	1.26776	1.07349
4215518.00	6.71316	4.66234	3.42608	2.62986	2.08158	1.69024	1.39555	1.17169	0.99804

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  4215498.00 |       5.96298      4.18482      3.10443      2.39819      1.91050      1.56139      1.29789
1.09419      0.93532
  4215478.00 |       5.50676      3.90271      2.91152      2.25238      1.79739      1.47047      1.22489
1.03572      0.88607
  4215458.00 |       5.25819      3.77226      2.82097      2.18486      1.74141      1.42008      1.18180
0.99953      0.85441
  4215438.00 |       4.98081      3.65160      2.76704      2.15448      1.71884      1.40248      1.16483
0.98271      0.83959
  4215418.00 |       4.61806      3.47705      2.68539      2.12108      1.70581      1.39577      1.15929
0.97740      0.83384
  4215398.00 |       4.22771      3.26075      2.56729      2.05935      1.67855      1.38382      1.15508
0.97490      0.83190
  4215378.00 |       3.83540      3.03576      2.42863      1.97649      1.62997      1.35915      1.14446
0.97046      0.83040
  4215358.00 |       3.45657      2.80877      2.28535      1.88208      1.56799      1.32130      1.12209
0.95992      0.82647
  4215338.00 |       3.10118      2.58741      2.14446      1.78470      1.49954      1.27227      1.08995
0.94040      0.81667
  4215318.00 |       2.77433      2.37330      2.00536      1.68911      1.42931      1.21917      1.05128
0.91425      0.80056
  4215298.00 |       2.47554      2.16842      1.86875      1.59665      1.36256      1.16879      1.01138
0.88380      0.77827
  4215278.00 |       2.21006      1.97499      1.73449      1.50409      1.29841      1.12142      0.97424
0.85256      0.75338
  4215258.00 |       1.97417      1.79523      1.60264      1.41294      1.23496      1.07531      0.93901
0.82405      0.72903
  4215238.00 |       1.76736      1.63030      1.47905      1.32243      1.17101      1.02977      0.90490
0.79725      0.70620
  4215218.00 |       1.58640      1.48283      1.36238      1.23376      1.10654      0.98369      0.87128
0.77141      0.68452
  4215198.00 |       1.42717      1.34842      1.25267      1.14911      1.04152      0.93676      0.83722
0.74604      0.66461
  4215178.00 |       1.28718      1.22846      1.15237      1.06771      0.97843      0.88933      0.80233
0.71990      0.64512
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE 218
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                               INCLUDING SOURCE(S):     PAREA2      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       1.16406      1.12002      1.06043      0.99119      0.91731      0.84202      0.76622
0.69350      0.62539
  4215138.00 |       1.05428      1.02295      0.97656      0.92110      0.85996      0.79652      0.73118
0.66713      0.60576
  4215118.00 |       0.95758      0.93545      0.90029      0.85550      0.80545      0.75216      0.69615
0.64015      0.58537
  4215098.00 |       0.87221      0.85712      0.83099      0.79546      0.75408      0.70937      0.66155
0.61285      0.56433
  4215078.00 |       0.79618      0.78739      0.76805      0.73973      0.70595      0.66844      0.62776
0.58559      0.54284
  4215058.00 |       0.72920      0.72432      0.71086      0.68854      0.66071      0.62922      0.59502
0.55836      0.52088
  4215038.00 |       0.66959      0.66762      0.65849      0.64119      0.61838      0.59193      0.56260
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2 ***

INCLUDING SOURCE(S): PAREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.61372	0.55726	0.50878	0.46884	0.43643
4215938.00	0.62844	0.57118	0.52379	0.48549	0.45430
4215918.00	0.64566	0.58898	0.54315	0.50627	0.47600
4215898.00	0.66715	0.61187	0.56762	0.53175	0.50162
4215878.00	0.69485	0.64116	0.59795	0.56211	0.53123
4215858.00	0.72999	0.67741	0.63425	0.59735	0.56445
4215838.00	0.77377	0.72115	0.67640	0.63674	0.60027
4215818.00	0.82683	0.77195	0.72344	0.67891	0.63694
4215798.00	0.88862	0.82843	0.77330	0.72157	0.67241
4215778.00	0.95703	0.88777	0.82306	0.76200	0.70429
4215758.00	1.02813	0.94602	0.86921	0.79738	0.73049
4215738.00	1.09658	0.99868	0.90831	0.82527	0.74947
4215718.00	1.15674	1.04164	0.93762	0.84416	0.76068
4215698.00	1.20361	1.07195	0.95570	0.85365	0.76432
4215678.00	1.23365	1.08775	0.96187	0.85348	0.76012
4215658.00	1.24401	1.08746	0.95499	0.84262	0.74702
4215638.00	1.23191	1.06915	0.93351	0.81984	0.72401
4215618.00	1.19577	1.03199	0.89721	0.78522	0.69152
4215598.00	1.13784	0.97874	0.84894	0.74179	0.65265
4215578.00	1.06570	0.91638	0.79506	0.69536	0.61266
4215558.00	0.99017	0.85376	0.74302	0.65195	0.57637
4215538.00	0.92032	0.79735	0.69712	0.61434	0.54535
4215518.00	0.86008	0.74868	0.65737	0.58155	0.51813
4215498.00	0.80886	0.70618	0.62192	0.55167	0.49265
4215478.00	0.76702	0.67063	0.59130	0.52504	0.46940
4215458.00	0.73864	0.64539	0.56877	0.50490	0.45121
4215438.00	0.72463	0.63175	0.55597	0.49291	0.44002
4215418.00	0.71987	0.62650	0.55029	0.48741	0.43465
4215398.00	0.71816	0.62509	0.54834	0.48512	0.43234
4215378.00	0.71731	0.62445	0.54791	0.48403	0.43101
4215358.00	0.71567	0.62427	0.54843	0.48409	0.43024
4215338.00	0.71254	0.62358	0.54875	0.48527	0.43082
4215318.00	0.70428	0.62075	0.54895	0.48672	0.43243
4215298.00	0.68961	0.61261	0.54566	0.48654	0.43385
4215278.00	0.67048	0.59929	0.53765	0.48282	0.43322
4215258.00	0.64991	0.58282	0.52555	0.47502	0.42919
4215238.00	0.62939	0.56532	0.51096	0.46398	0.42170
4215218.00	0.61088	0.54862	0.49599	0.45077	0.41181
4215198.00	0.59417	0.53374	0.48197	0.43820	0.40067
4215178.00	0.57857	0.52041	0.46990	0.42688	0.39007

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2 ***

INCLUDING SOURCE(S): PAREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	0.56335	0.50772	0.45915	0.41698	0.38063
4215138.00	0.54856	0.49621	0.44969	0.40844	0.37244
4215118.00	0.53323	0.48453	0.44047	0.40076	0.36541
4215098.00	0.51724	0.47242	0.43112	0.39309	0.35894
4215078.00	0.50065	0.45975	0.42142	0.38535	0.35268
4215058.00	0.48332	0.44654	0.41106	0.37735	0.34638
4215038.00	0.46547	0.43220	0.40005	0.36898	0.33986
4215018.00	0.44733	0.41777	0.38862	0.36005	0.33304
4214998.00	0.42956	0.40318	0.37686	0.35090	0.32587
4214978.00	0.41205	0.38858	0.36489	0.34126	0.31836

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2 ***

INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	18.06739	539351.84	4215428.70	18.46207
539361.84	4215428.70	18.33701	539371.84	4215428.70	17.68655
539381.84	4215428.70	16.56251	539341.84	4215438.70	22.50878
539351.84	4215438.70	23.01811	539361.84	4215438.70	22.78192
539371.84	4215438.70	21.79549	539381.84	4215438.70	20.14419
539341.84	4215448.70	28.77567	539351.84	4215448.70	29.47868
539361.84	4215448.70	29.08874	539371.84	4215448.70	27.57610
539381.84	4215448.70	25.10321	539341.84	4215458.70	38.06538
539351.84	4215458.70	39.14454	539361.84	4215458.70	38.47742
539371.84	4215458.70	36.11084	539381.84	4215458.70	32.30503

539341.84	4215468.70	52.67790	539351.84	4215468.70	54.48941
539361.84	4215468.70	53.25358	539371.84	4215468.70	49.45301
539381.84	4215468.70	43.52858	539113.88	4215517.52	0.74086
539096.52	4215515.99	0.61376	539108.26	4215501.18	0.67353
539096.01	4215500.67	0.59361	539108.26	4215486.38	0.67249
539094.47	4215485.36	0.58479	539135.32	4215461.36	0.91522
539150.13	4215439.91	1.08086	539114.39	4215452.68	0.72620
539123.07	4215439.40	0.79297	539159.32	4215421.02	1.16514
539145.02	4215416.43	0.98172	539134.30	4215410.81	0.86695
539131.75	4215425.11	0.86163	539206.80	4215383.75	1.90812
539215.99	4215372.52	2.06913	539188.93	4215382.22	1.48473
539176.17	4215379.67	1.25421	539165.44	4215376.09	1.09515
539248.79	4215356.71	2.85111	539243.45	4215348.45	2.54058
539265.58	4215345.25	3.09333	539260.78	4215338.05	2.79564
539256.25	4215351.38	2.96750	539272.77	4215331.92	2.94174
539264.78	4215324.99	2.61409	539280.77	4215321.79	2.86034
539279.97	4215307.14	2.51818	539287.97	4215313.80	2.79425
539297.83	4215304.74	2.72693	539289.56	4215296.21	2.43091
539311.15	4215287.68	2.50070	539303.69	4215281.28	2.29926
539303.69	4215296.21	2.60499	539314.25	4215271.79	2.21934
539329.09	4215260.48	2.13390	539339.69	4215237.16	1.84478
539357.36	4215232.92	1.86284	539394.11	4215199.70	1.54176
539044.99	4215579.21	0.52548	539034.39	4215591.93	0.51406
539054.88	4215556.59	0.50417	539058.42	4215538.92	0.47341
539054.88	4215520.55	0.42600	539082.44	4215477.44	0.52539
539073.96	4215466.13	0.49214	539098.70	4215440.69	0.61932
539109.30	4215426.56	0.68304	539117.07	4215415.96	0.73267
539125.55	4215401.11	0.78040	539158.77	4215367.19	0.99144
539150.29	4215357.30	0.88229	539184.21	4215339.63	1.22863
539222.37	4215324.79	1.77975	539243.58	4215317.72	2.08889

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2

***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	1.46376	539364.42	4215191.93	1.43030
539344.64	4215200.41	1.45305	539409.65	4215113.48	0.94630
539355.94	4215136.80	1.02496	539262.66	4215288.75	1.97406
539282.44	4215261.19	1.79926	539299.41	4215235.04	1.60220
539168.48	4215647.44	3.70045	538949.25	4216163.17	0.26828
539352.01	4215796.95	1.87982	539358.95	4215583.01	72.46442
539293.80	4215538.56	84.32911	539260.82	4215517.04	23.55373
539279.41	4215503.60	46.63932	539292.18	4215495.55	58.36764
539318.95	4215487.21	74.98116	539337.11	4215482.84	79.09073
539356.14	4215482.00	80.89952	539369.89	4215483.02	78.75077
539384.66	4215486.57	69.86825	539391.49	4215490.91	60.54715
539342.66	4215571.90	103.70729	539326.38	4215560.79	105.10191
539310.09	4215549.67	97.50794	539277.31	4215527.80	60.50470
539270.11	4215510.32	32.48066	539305.56	4215491.38	68.76853
539384.98	4215509.33	102.45420	539378.47	4215527.75	117.17490
539371.97	4215546.17	118.58218	539365.46	4215564.59	106.97577

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1
***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	1.54824	1.56430	1.55677	1.53302	1.49332	1.44586	1.39368	1.33995	1.28681
4215938.00	1.34257	1.36456	1.36763	1.35675	1.33063	1.29617	1.25598		

1.21210 1.16872
4215918.00 | 1.17529 1.19909 1.20907 1.20656 1.19031 1.16577 1.13514
1.10104 1.06402
4215898.00 | 1.03834 1.06196 1.07589 1.07824 1.06918 1.05151 1.02857
1.00254 0.97304
4215878.00 | 0.92404 0.94758 0.96223 0.96813 0.96415 0.95317 0.93702
0.91616 0.89235
4215858.00 | 0.82798 0.85107 0.86604 0.87318 0.87363 0.86768 0.85540
0.84002 0.82041
4215838.00 | 0.74747 0.76785 0.78294 0.79181 0.79429 0.79156 0.78356
0.77157 0.75651
4215818.00 | 0.67768 0.69718 0.71085 0.72095 0.72499 0.72428 0.71959
0.71082 0.69865
4215798.00 | 0.61747 0.63485 0.64887 0.65836 0.66390 0.66465 0.66278
0.65590 0.64616
4215778.00 | 0.56552 0.58101 0.59413 0.60342 0.60947 0.61201 0.61078
0.60604 0.59889
4215758.00 | 0.51981 0.53443 0.54607 0.55515 0.56134 0.56388 0.56424
0.56153 0.55631
4215738.00 | 0.47962 0.49292 0.50367 0.51232 0.51823 0.52167 0.52266
0.52128 0.51729
4215718.00 | 0.44456 0.45619 0.46623 0.47426 0.47982 0.48353 0.48487
0.48442 0.48226
4215698.00 | 0.41297 0.42368 0.43279 0.44068 0.44611 0.44979 0.45168
0.45201 0.45034
4215678.00 | 0.38477 0.39453 0.40291 0.41027 0.41549 0.41920 0.42138
0.42223 0.42174
4215658.00 | 0.35928 0.36840 0.37644 0.38295 0.38792 0.39160 0.39395
0.39497 0.39523
4215638.00 | 0.33655 0.34489 0.35228 0.35849 0.36328 0.36696 0.36949
0.37102 0.37104
4215618.00 | 0.31602 0.32365 0.33028 0.33621 0.34072 0.34428 0.34685
0.34856 0.34891
4215598.00 | 0.29742 0.30441 0.31051 0.31601 0.32024 0.32365 0.32621
0.32804 0.32925
4215578.00 | 0.28050 0.28678 0.29255 0.29764 0.30160 0.30485 0.30737
0.30927 0.31049
4215558.00 | 0.26507 0.27085 0.27617 0.28089 0.28459 0.28768 0.29013
0.29205 0.29340
4215538.00 | 0.25083 0.25628 0.26120 0.26557 0.26903 0.27195 0.27432
0.27611 0.27766
4215518.00 | 0.23790 0.24293 0.24747 0.25142 0.25477 0.25752 0.25980
0.26169 0.26316
4215498.00 | 0.22600 0.23066 0.23476 0.23853 0.24166 0.24437 0.24654
0.24850 0.24998
4215478.00 | 0.21505 0.21936 0.22316 0.22666 0.22958 0.23224 0.23442
0.23621 0.23768
4215458.00 | 0.20492 0.20883 0.21245 0.21572 0.21854 0.22103 0.22320
0.22493 0.22628
4215438.00 | 0.19546 0.19918 0.20255 0.20559 0.20823 0.21067 0.21272
0.21446 0.21570
4215418.00 | 0.18677 0.19024 0.19338 0.19613 0.19868 0.20097 0.20300
0.20467 0.20588
4215398.00 | 0.17869 0.18193 0.18486 0.18743 0.18982 0.19197 0.19381
0.19540 0.19658
4215378.00 | 0.17117 0.17420 0.17686 0.17934 0.18158 0.18360 0.18533
0.18685 0.18799
4215358.00 | 0.16415 0.16692 0.16948 0.17180 0.17390 0.17573 0.17744
0.17888 0.17998
4215338.00 | 0.15759 0.16019 0.16260 0.16478 0.16668 0.16846 0.17008
0.17145 0.17249
4215318.00 | 0.15139 0.15389 0.15616 0.15821 0.15999 0.16161 0.16307
0.16436 0.16536
4215298.00 | 0.14564 0.14800 0.15013 0.15200 0.15368 0.15520 0.15650
0.15767 0.15875
4215278.00 | 0.14024 0.14247 0.14442 0.14624 0.14776 0.14913 0.15036
0.15146 0.15248
4215258.00 | 0.13517 0.13727 0.13912 0.14083 0.14227 0.14350 0.14459
0.14563 0.14660

```
  4215238.00 |       0.13039      0.13233      0.13413      0.13575      0.13705      0.13827      0.13930
0.14027      0.14119
  4215218.00 |       0.12588      0.12772      0.12943      0.13097      0.13225      0.13340      0.13437
0.13529      0.13616
  4215198.00 |       0.12158      0.12338      0.12500      0.12646      0.12768      0.12876      0.12978
0.13065      0.13146
  4215178.00 |       0.11757      0.11928      0.12082      0.12216      0.12336      0.12444      0.12540
0.12626      0.12698
```



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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):     L0000340    , L0000341    , L0000342    , L0000343    ,
L0000344    ,
                 L0000345    , L0000346    , L0000347    , L0000348    , L0000349    , L0000350    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.11377      0.11540      0.11683      0.11815      0.11933      0.12035      0.12131
0.12212      0.12275
  4215138.00 |       0.11018      0.11173      0.11309      0.11435      0.11548      0.11644      0.11734
0.11811      0.11874
  4215118.00 |       0.10677      0.10821      0.10956      0.11076      0.11183      0.11274      0.11360
0.11432      0.11491
  4215098.00 |       0.10349      0.10492      0.10620      0.10735      0.10833      0.10924      0.11005
0.11073      0.11132
  4215078.00 |       0.10042      0.10179      0.10302      0.10408      0.10505      0.10592      0.10668
0.10732      0.10788
  4215058.00 |       0.09750      0.09881      0.09999      0.10101      0.10194      0.10276      0.10345
0.10409      0.10465
  4215038.00 |       0.09472      0.09598      0.09708      0.09809      0.09898      0.09977      0.10042
0.10102      0.10154
  4215018.00 |       0.09207      0.09325      0.09434      0.09531      0.09617      0.09688      0.09753
0.09810      0.09859
  4214998.00 |       0.08955      0.09068      0.09173      0.09267      0.09346      0.09417      0.09479
0.09532      0.09575
  4214978.00 |       0.08711      0.08823      0.08925      0.09015      0.09090      0.09159      0.09217
0.09264      0.09308
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):     L0000340    , L0000341    , L0000342    , L0000343    ,
L0000344    ,
                 L0000345    , L0000346    , L0000347    , L0000348    , L0000349    , L0000350    ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **
```

Y-COORD (METERS)	X-COORD (METERS)								
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	1.23182	1.17564	1.11881	1.06245	1.00652	0.95078	0.89628	0.84282	0.78917
4215938.00	1.12280	1.07611	1.02819	0.97935	0.93041	0.88146	0.83244	0.78498	0.73824
4215918.00	1.02658	0.98701	0.94598	0.90373	0.86108	0.81816	0.77624	0.73311	0.69185
4215898.00	0.94128	0.90842	0.87253	0.83591	0.79875	0.76170	0.72415	0.68700	0.64944
4215878.00	0.86588	0.83765	0.80687	0.77511	0.74262	0.70958	0.67750	0.64443	0.61099
4215858.00	0.79857	0.77424	0.74786	0.72031	0.69187	0.66275	0.63438	0.60500	0.57580
4215838.00	0.73814	0.71761	0.69502	0.67120	0.64639	0.62082	0.59502	0.56949	0.54280
4215818.00	0.68328	0.66612	0.64684	0.62621	0.60449	0.58192	0.55968	0.53596	0.51300
4215798.00	0.63412	0.61949	0.60310	0.58526	0.56627	0.54634	0.52662	0.50608	0.48485
4215778.00	0.58923	0.57715	0.56365	0.54819	0.53159	0.51429	0.49649	0.47813	0.45882
4215758.00	0.54858	0.53858	0.52723	0.51439	0.50002	0.48476	0.46894	0.45230	0.43531
4215738.00	0.51179	0.50379	0.49438	0.48317	0.47115	0.45750	0.44324	0.42836	0.41309
4215718.00	0.47777	0.47189	0.46399	0.45443	0.44426	0.43227	0.41941	0.40612	0.39221
4215698.00	0.44739	0.44235	0.43640	0.42819	0.41897	0.40867	0.39728	0.38524	0.37275
4215678.00	0.41923	0.41588	0.41044	0.40408	0.39605	0.38698	0.37698	0.36630	0.35512
4215658.00	0.39346	0.39097	0.38695	0.38122	0.37489	0.36675	0.35798	0.34849	0.33846
4215638.00	0.37048	0.36789	0.36487	0.36064	0.35469	0.34815	0.34043	0.33198	0.32297
4215618.00	0.34879	0.34741	0.34447	0.34101	0.33634	0.33028	0.32352	0.31605	0.30801
4215598.00	0.32873	0.32797	0.32617	0.32281	0.31888	0.31362	0.30770	0.30110	0.29394
4215578.00	0.31099	0.31003	0.30871	0.30632	0.30262	0.29856	0.29337	0.28751	0.28108
4215558.00	0.29411	0.29400	0.29241	0.29062	0.28746	0.28401	0.27949	0.27433	0.26862
4215538.00	0.27853	0.27867	0.27792	0.27601	0.27382	0.27030	0.26637	0.26183	0.25677
4215518.00	0.26414	0.26436	0.26399	0.26242	0.26062	0.25802	0.25458	0.25055	0.24601
4215498.00	0.25092	0.25130	0.25104	0.25022	0.24821	0.24610	0.24311	0.23957	0.23556
4215478.00	0.23858	0.23907	0.23900	0.23841	0.23713	0.23492	0.23234	0.22923	0.22568
4215458.00	0.22722	0.22771	0.22778	0.22731	0.22636	0.22483	0.22256	0.21980	0.21662
4215438.00	0.21658	0.21713	0.21724	0.21701	0.21627	0.21500	0.21304	0.21063	0.20781
4215418.00	0.20676	0.20728	0.20748	0.20739	0.20682	0.20571	0.20401	0.20190	0.19941
4215398.00	0.19746	0.19802	0.19837	0.19838	0.19795	0.19703	0.19557	0.19372	0.19152
4215378.00	0.18886	0.18945	0.18984	0.18994	0.18957	0.18888	0.18762	0.18600	0.18405
4215358.00	0.18083	0.18143	0.18186	0.18196	0.18176	0.18120	0.18011	0.17870	0.17698

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                              INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
               L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.73617	0.68330	0.63197	0.58261	0.53635	0.49316	0.45275	0.41591	0.38183
4215938.00	0.69150	0.64469	0.59906	0.55495	0.51334	0.47413	0.43710	0.40298	0.37109
4215918.00	0.65046	0.60888	0.56820	0.52837	0.49123	0.45541	0.42176	0.39005	0.36030
4215898.00	0.61231	0.57529	0.53896	0.50352	0.46976	0.43753	0.40677	0.37752	0.34983
4215878.00	0.57746	0.54473	0.51216	0.48054	0.45000	0.42047	0.39215	0.36520	0.33966
4215858.00	0.54596	0.51624	0.48726	0.45874	0.43085	0.40400	0.37809	0.35312	0.32944
4215838.00	0.51709	0.49029	0.46358	0.43807	0.41279	0.38812	0.36423	0.34126	0.31952
4215818.00	0.48930	0.46606	0.44176	0.41829	0.39533	0.37286	0.35081	0.32969	0.30958
4215798.00	0.46417	0.44259	0.42135	0.39980	0.37891	0.35803	0.33784	0.31842	0.29997
4215778.00	0.44021	0.42133	0.40205	0.38232	0.36322	0.34440	0.32595	0.30746	0.29030
4215758.00	0.41773	0.40087	0.38338	0.36647	0.34914	0.33197	0.31502	0.29838	0.28099
4215738.00	0.39759	0.38176	0.36643	0.35034	0.33469	0.31899	0.30345	0.28814	0.27305
4215718.00	0.37823	0.36443	0.34981	0.33582	0.32151	0.30710	0.29279	0.27862	0.26470
4215698.00	0.36015	0.34766	0.33486	0.32161	0.30854	0.29534	0.28229	0.26923	0.25631
4215678.00	0.34374	0.33178	0.32030	0.30819	0.29624	0.28425	0.27225	0.26029	0.24819
4215658.00	0.32771	0.31748	0.30658	0.29598	0.28502	0.27368	0.26273	0.25169	0.24070
4215638.00	0.31328	0.30356	0.29362	0.28387	0.27406	0.26362	0.25354	0.24342	0.23324
4215618.00	0.29966	0.29087	0.28184	0.27250	0.26354	0.25443	0.24474	0.23547	0.22596
4215598.00	0.28645	0.27884	0.27055	0.26214	0.25354	0.24519	0.23662	0.22769	0.21888
4215578.00	0.27431	0.26704	0.25991	0.25190	0.24441	0.23630	0.22850	0.22023	0.21206
4215558.00	0.26257	0.25626	0.24953	0.24255	0.23527	0.22825	0.22073	0.21341	0.20581
4215538.00	0.25137	0.24580	0.23968	0.23361	0.22697	0.22021	0.21327	0.20648	0.19945
4215518.00	0.24114	0.23588	0.23059	0.22474	0.21901	0.21283	0.20646	0.19987	0.19337
4215498.00	0.23122	0.22646	0.22163	0.21661	0.21116	0.20573	0.19984	0.19382	0.18783
4215478.00	0.22182	0.21778	0.21317	0.20864	0.20387	0.19871	0.19349	0.18772	0.18219
4215458.00	0.21291	0.20923	0.20535	0.20104	0.19671	0.19211	0.18721	0.18210	0.17678

  4215438.00 | 0.20471   0.20118   0.19770   0.19397   0.18981   0.18568   0.18116
0.17665   0.17176
  4215418.00 | 0.19666   0.19375   0.19041   0.18705   0.18343   0.17950   0.17554
0.17118   0.16687
  4215398.00 | 0.18908   0.18649   0.18365   0.18039   0.17716   0.17357   0.16996
0.16611   0.16198
  4215378.00 | 0.18188   0.17958   0.17699   0.17424   0.17116   0.16805   0.16455
0.16107   0.15740
  4215358.00 | 0.17505   0.17300   0.17069   0.16822   0.16541   0.16256   0.15954
0.15621   0.15285
  4215338.00 | 0.16857   0.16675   0.16468   0.16247   0.16007   0.15732   0.15459
0.15166   0.14844
  4215318.00 | 0.16251   0.16084   0.15899   0.15696   0.15480   0.15247   0.14988
0.14721   0.14421
  4215298.00 | 0.15671   0.15522   0.15351   0.15169   0.14976   0.14769   0.14531
0.14291   0.14011
  4215278.00 | 0.15123   0.14986   0.14833   0.14666   0.14492   0.14309   0.14091
0.13875   0.13617
  4215258.00 | 0.14602   0.14475   0.14338   0.14184   0.14028   0.13867   0.13670
0.13474   0.13249
  4215238.00 | 0.14102   0.13988   0.13866   0.13727   0.13587   0.13439   0.13262
0.13084   0.12879
  4215218.00 | 0.13623   0.13525   0.13414   0.13293   0.13167   0.13031   0.12884
0.12706   0.12520
  4215198.00 | 0.13167   0.13082   0.12983   0.12874   0.12761   0.12639   0.12504
0.12339   0.12172
  4215178.00 | 0.12732   0.12657   0.12572   0.12477   0.12375   0.12263   0.12141
0.12004   0.11848

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                              INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.12319   0.12255   0.12179   0.12096   0.12005   0.11904   0.11789
0.11666   0.11524
  4215138.00 | 0.11924   0.11868   0.11803   0.11732   0.11647   0.11556   0.11453
0.11340   0.11213
  4215118.00 | 0.11549   0.11502   0.11447   0.11380   0.11307   0.11222   0.11127
0.11025   0.10910
  4215098.00 | 0.11191   0.11149   0.11103   0.11046   0.10980   0.10902   0.10816
0.10722   0.10618
  4215078.00 | 0.10849   0.10815   0.10774   0.10726   0.10664   0.10593   0.10514
0.10429   0.10337
  4215058.00 | 0.10523   0.10497   0.10460   0.10417   0.10361   0.10295   0.10224
0.10145   0.10064
  4215038.00 | 0.10218   0.10192   0.10159   0.10119   0.10068   0.10009   0.09944
0.09873   0.09801
  4215018.00 | 0.09926   0.09900   0.09869   0.09832   0.09787   0.09733   0.09675
0.09611   0.09546
  4214998.00 | 0.09647   0.09621   0.09593   0.09558   0.09517   0.09468   0.09416

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	0.35115	0.32365	0.29902	0.27710	0.25740	0.23964	0.22366	0.20907	0.19584
4215938.00	0.34211	0.31595	0.29239	0.27147	0.25249	0.23546	0.21993	0.20582	0.19304
4215918.00	0.33304	0.30822	0.28589	0.26581	0.24776	0.23130	0.21628	0.20254	0.19010
4215898.00	0.32423	0.30075	0.27961	0.26036	0.24299	0.22720	0.21257	0.19927	0.18713
4215878.00	0.31568	0.29365	0.27340	0.25499	0.23818	0.22296	0.20882	0.19601	0.18431
4215858.00	0.30719	0.28644	0.26736	0.24966	0.23354	0.21878	0.20520	0.19279	0.18143
4215838.00	0.29876	0.27940	0.26122	0.24448	0.22894	0.21465	0.20154	0.18960	0.17865
4215818.00	0.29041	0.27239	0.25522	0.23921	0.22426	0.21046	0.19792	0.18645	0.17583
4215798.00	0.28215	0.26529	0.24912	0.23385	0.21961	0.20639	0.19441	0.18326	0.17304
4215778.00	0.27387	0.25815	0.24295	0.22852	0.21498	0.20235	0.19076	0.18009	0.17020
4215758.00	0.26575	0.25108	0.23683	0.22321	0.21036	0.19831	0.18721	0.17694	0.16740
4215738.00	0.25780	0.24401	0.23076	0.21792	0.20575	0.19428	0.18367	0.17381	0.16460
4215718.00	0.25058	0.23718	0.22477	0.21268	0.20118	0.19027	0.18014	0.17069	0.16175
4215698.00	0.24388	0.23099	0.21887	0.20751	0.19671	0.18636	0.17669	0.16756	0.15904
4215678.00	0.23665	0.22525	0.21355	0.20248	0.19229	0.18254	0.17325	0.16452	0.15628
4215658.00	0.22954	0.21899	0.20860	0.19796	0.18791	0.17874	0.16990	0.16149	0.15352
4215638.00	0.22306	0.21283	0.20310	0.19367	0.18398	0.17491	0.16650	0.15847	0.15084
4215618.00	0.21650	0.20713	0.19798	0.18895	0.17981	0.17120	0.16320	0.15548	0.14812
4215598.00	0.21008	0.20134	0.19278	0.18426	0.17612	0.16776	0.15982	0.15246	0.14542
4215578.00	0.20388	0.19573	0.18771	0.17986	0.17202	0.16459	0.15708	0.14999	0.14318
4215558.00	0.19812	0.19048	0.18299	0.17542	0.16821	0.16098	0.15399	0.14721	0.14067

```
  4215538.00 |       0.19236      0.18524      0.17818      0.17127      0.16430      0.15762      0.15096
0.14448      0.13820
  4215518.00 |       0.18684      0.18020      0.17360      0.16707      0.16048      0.15413      0.14786
0.14174      0.13575
  4215498.00 |       0.18150      0.17531      0.16919      0.16306      0.15696      0.15075      0.14485
0.13899      0.13332
  4215478.00 |       0.17658      0.17062      0.16485      0.15911      0.15333      0.14760      0.14186
0.13633      0.13096
  4215458.00 |       0.17158      0.16606      0.16067      0.15525      0.14982      0.14438      0.13906
0.13371      0.12859
  4215438.00 |       0.16675      0.16182      0.15660      0.15148      0.14635      0.14122      0.13619
0.13125      0.12629
  4215418.00 |       0.16224      0.15749      0.15260      0.14781      0.14299      0.13819      0.13344
0.12872      0.12396
  4215398.00 |       0.15785      0.15341      0.14889      0.14442      0.13974      0.13522      0.13070
0.12623      0.12181
  4215378.00 |       0.15345      0.14946      0.14508      0.14091      0.13670      0.13230      0.12804
0.12378      0.11955
  4215358.00 |       0.14928      0.14549      0.14156      0.13751      0.13357      0.12941      0.12539
0.12136      0.11733
  4215338.00 |       0.14516      0.14163      0.13811      0.13434      0.13050      0.12661      0.12282
0.11899      0.11516
  4215318.00 |       0.14119      0.13801      0.13460      0.13122      0.12763      0.12398      0.12037
0.11674      0.11309
  4215298.00 |       0.13734      0.13439      0.13132      0.12806      0.12481      0.12137      0.11785
0.11442      0.11097
  4215278.00 |       0.13360      0.13088      0.12802      0.12508      0.12194      0.11881      0.11551
0.11226      0.10898
  4215258.00 |       0.12998      0.12746      0.12481      0.12208      0.11922      0.11621      0.11319
0.11011      0.10699
  4215238.00 |       0.12660      0.12425      0.12179      0.11914      0.11649      0.11366      0.11083
0.10792      0.10499
  4215218.00 |       0.12318      0.12103      0.11876      0.11638      0.11382      0.11126      0.10859
0.10579      0.10302
  4215198.00 |       0.11988      0.11790      0.11579      0.11360      0.11121      0.10882      0.10632
0.10376      0.10108
  4215178.00 |       0.11678      0.11496      0.11301      0.11090      0.10876      0.10642      0.10411
0.10170      0.09918
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE 230
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):     L0000340    , L0000341    , L0000342    , L0000343    ,
L0000344    ,
                L0000345    , L0000346    , L0000347    , L0000348    , L0000349    , L0000350    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -

  4215158.00 |       0.11369      0.11202      0.11023      0.10827      0.10627      0.10418      0.10193
0.09968      0.09736
  4215138.00 |       0.11072      0.10920      0.10756      0.10580      0.10386      0.10190      0.09986
0.09767      0.09550
  4215118.00 |       0.10784      0.10645      0.10494      0.10332      0.10151      0.09968      0.09777
0.09578      0.09367
  4215098.00 |       0.10504      0.10379      0.10241      0.10091      0.09929      0.09758      0.09572
```

0.09386   0.09186
  4215078.00 | 0.10234   0.10120   0.09995   0.09856   0.09706   0.09546   0.09378
0.09197   0.09016
  4215058.00 | 0.09973   0.09869   0.09754   0.09627   0.09488   0.09340   0.09183
0.09012   0.08843
  4215038.00 | 0.09718   0.09624   0.09520   0.09403   0.09276   0.09139   0.08993
0.08839   0.08672
  4215018.00 | 0.09471   0.09387   0.09292   0.09186   0.09069   0.08942   0.08807
0.08662   0.08505
  4214998.00 | 0.09232   0.09157   0.09070   0.08974   0.08867   0.08751   0.08624
0.08490   0.08347
  4214978.00 | 0.09002   0.08934   0.08856   0.08768   0.08670   0.08564   0.08446
0.08320   0.08187

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.18375	0.17272	0.16256	0.15316	0.14450	0.13646	0.12904	0.12218	0.11586
4215938.00	0.18127	0.17058	0.16070	0.15162	0.14319	0.13538	0.12812	0.12142	0.11520
4215918.00	0.17871	0.16836	0.15878	0.14998	0.14178	0.13422	0.12716	0.12060	0.11450
4215898.00	0.17609	0.16602	0.15678	0.14824	0.14033	0.13294	0.12610	0.11972	0.11375
4215878.00	0.17353	0.16380	0.15478	0.14644	0.13871	0.13158	0.12492	0.11871	0.11289
4215858.00	0.17102	0.16150	0.15268	0.14458	0.13707	0.13014	0.12367	0.11761	0.11196
4215838.00	0.16852	0.15921	0.15063	0.14270	0.13540	0.12865	0.12233	0.11646	0.11097
4215818.00	0.16605	0.15693	0.14857	0.14080	0.13370	0.12713	0.12097	0.11526	0.10991
4215798.00	0.16354	0.15466	0.14648	0.13891	0.13198	0.12555	0.11958	0.11402	0.10881
4215778.00	0.16099	0.15237	0.14439	0.13701	0.13022	0.12399	0.11818	0.11275	0.10764
4215758.00	0.15847	0.15009	0.14233	0.13513	0.12851	0.12244	0.11676	0.11144	0.10648
4215738.00	0.15597	0.14783	0.14028	0.13328	0.12681	0.12088	0.11535	0.11014	0.10530
4215718.00	0.15347	0.14558	0.13825	0.13143	0.12512	0.11934	0.11390	0.10885	0.10412
4215698.00	0.15099	0.14335	0.13623	0.12964	0.12349	0.11785	0.11257	0.10759	0.10296
4215678.00	0.14847	0.14114	0.13428	0.12787	0.12192	0.11640	0.11124	0.10637	0.10184
4215658.00	0.14600	0.13898	0.13238	0.12614	0.12035	0.11496	0.10992	0.10515	0.10071

  4215638.00 | 0.14355   0.13678   0.13044   0.12443   0.11879   0.11354   0.10860
0.10395   0.09959
  4215618.00 | 0.14112   0.13464   0.12851   0.12268   0.11723   0.11211   0.10730
0.10274   0.09848
  4215598.00 | 0.13870   0.13246   0.12650   0.12090   0.11561   0.11063   0.10591
0.10149   0.09733
  4215578.00 | 0.13666   0.13031   0.12455   0.11913   0.11401   0.10913   0.10456
0.10025   0.09619
  4215558.00 | 0.13443   0.12843   0.12262   0.11738   0.11241   0.10767   0.10322
0.09902   0.09503
  4215538.00 | 0.13216   0.12645   0.12087   0.11565   0.11079   0.10623   0.10189
0.09780   0.09390
  4215518.00 | 0.12996   0.12445   0.11920   0.11393   0.10923   0.10480   0.10059
0.09656   0.09278
  4215498.00 | 0.12782   0.12248   0.11742   0.11250   0.10769   0.10338   0.09926
0.09537   0.09168
  4215478.00 | 0.12570   0.12060   0.11565   0.11094   0.10640   0.10199   0.09798
0.09419   0.09059
  4215458.00 | 0.12360   0.11871   0.11394   0.10933   0.10500   0.10079   0.09671
0.09302   0.08951
  4215438.00 | 0.12152   0.11680   0.11223   0.10780   0.10356   0.09953   0.09558
0.09188   0.08843
  4215418.00 | 0.11940   0.11492   0.11053   0.10629   0.10220   0.09825   0.09451
0.09074   0.08738
  4215398.00 | 0.11732   0.11303   0.10884   0.10477   0.10084   0.09698   0.09335
0.08982   0.08635
  4215378.00 | 0.11537   0.11119   0.10718   0.10328   0.09948   0.09579   0.09221
0.08880   0.08551
  4215358.00 | 0.11335   0.10944   0.10552   0.10181   0.09814   0.09458   0.09111
0.08774   0.08458
  4215338.00 | 0.11135   0.10763   0.10398   0.10032   0.09681   0.09335   0.08999
0.08675   0.08362
  4215318.00 | 0.10948   0.10583   0.10234   0.09882   0.09545   0.09211   0.08889
0.08576   0.08271
  4215298.00 | 0.10752   0.10414   0.10072   0.09743   0.09410   0.09090   0.08779
0.08478   0.08181
  4215278.00 | 0.10568   0.10239   0.09911   0.09594   0.09284   0.08970   0.08671
0.08378   0.08091
  4215258.00 | 0.10385   0.10073   0.09759   0.09449   0.09151   0.08856   0.08562
0.08281   0.08001
  4215238.00 | 0.10202   0.09907   0.09604   0.09313   0.09020   0.08736   0.08459
0.08182   0.07918
  4215218.00 | 0.10022   0.09742   0.09457   0.09171   0.08896   0.08617   0.08350
0.08081   0.07825
  4215198.00 | 0.09845   0.09577   0.09308   0.09037   0.08765   0.08505   0.08241
0.07989   0.07733
  4215178.00 | 0.09669   0.09415   0.09158   0.08902   0.08643   0.08387   0.08133
0.07889   0.07649

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                    *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00

- -

4215158.00		0.09495	0.09253	0.09010	0.08764	0.08520	0.08275	0.08031	0.07790	0.07559
4215138.00		0.09321	0.09094	0.08862	0.08630	0.08397	0.08162	0.07927	0.07694	0.07472
4215118.00		0.09157	0.08941	0.08716	0.08495	0.08274	0.08048	0.07822	0.07598	0.07384
4215098.00		0.08989	0.08784	0.08577	0.08362	0.08151	0.07935	0.07718	0.07502	0.07296
4215078.00		0.08822	0.08631	0.08435	0.08230	0.08030	0.07823	0.07614	0.07406	0.07208
4215058.00		0.08666	0.08479	0.08293	0.08104	0.07908	0.07710	0.07510	0.07318	0.07119
4215038.00		0.08505	0.08334	0.08153	0.07974	0.07786	0.07603	0.07412	0.07221	0.07030
4215018.00		0.08348	0.08186	0.08019	0.07844	0.07671	0.07491	0.07314	0.07131	0.06948
4214998.00		0.08199	0.08040	0.07883	0.07717	0.07552	0.07385	0.07211	0.07041	0.06859
4214978.00		0.08047	0.07902	0.07749	0.07596	0.07434	0.07275	0.07114	0.06946	0.06782

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.10997	0.10450	0.09944	0.09473	0.09036
4215938.00	0.10939	0.10399	0.09898	0.09432	0.08997
4215918.00	0.10879	0.10347	0.09852	0.09391	0.08961
4215898.00	0.10815	0.10292	0.09805	0.09349	0.08924
4215878.00	0.10745	0.10233	0.09754	0.09306	0.08886
4215858.00	0.10667	0.10168	0.09698	0.09258	0.08846
4215838.00	0.10581	0.10095	0.09638	0.09207	0.08801
4215818.00	0.10487	0.10015	0.09571	0.09150	0.08753
4215798.00	0.10390	0.09930	0.09497	0.09088	0.08700
4215778.00	0.10288	0.09840	0.09418	0.09019	0.08642
4215758.00	0.10183	0.09746	0.09333	0.08945	0.08578
4215738.00	0.10076	0.09648	0.09246	0.08868	0.08510
4215718.00	0.09968	0.09549	0.09157	0.08787	0.08436
4215698.00	0.09862	0.09454	0.09068	0.08706	0.08363
4215678.00	0.09758	0.09358	0.08980	0.08624	0.08288
4215658.00	0.09654	0.09262	0.08892	0.08541	0.08210
4215638.00	0.09551	0.09166	0.08803	0.08459	0.08133
4215618.00	0.09448	0.09069	0.08714	0.08375	0.08056
4215598.00	0.09341	0.08970	0.08623	0.08290	0.07976
4215578.00	0.09234	0.08872	0.08530	0.08204	0.07896
4215558.00	0.09129	0.08775	0.08440	0.08119	0.07817
4215538.00	0.09024	0.08678	0.08350	0.08036	0.07739
4215518.00	0.08921	0.08583	0.08261	0.07952	0.07663

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	0.07332	0.07104	0.06888	0.06672	0.06463
4215138.00	0.07252	0.07030	0.06821	0.06609	0.06410
4215118.00	0.07172	0.06957	0.06754	0.06547	0.06352
4215098.00	0.07092	0.06883	0.06686	0.06491	0.06295
4215078.00	0.07012	0.06809	0.06619	0.06428	0.06243
4215058.00	0.06930	0.06735	0.06550	0.06366	0.06185
4215038.00	0.06848	0.06666	0.06480	0.06303	0.06128
4215018.00	0.06764	0.06590	0.06417	0.06238	0.06070
4214998.00	0.06690	0.06514	0.06348	0.06182	0.06012
4214978.00	0.06608	0.06446	0.06278	0.06118	0.05953

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

539341.84	4215428.70	0.15031	539351.84	4215428.70	0.14782
539361.84	4215428.70	0.14533	539371.84	4215428.70	0.14284
539381.84	4215428.70	0.14034	539341.84	4215438.70	0.15218
539351.84	4215438.70	0.14961	539361.84	4215438.70	0.14703
539371.84	4215438.70	0.14447	539381.84	4215438.70	0.14190
539341.84	4215448.70	0.15406	539351.84	4215448.70	0.15141
539361.84	4215448.70	0.14877	539371.84	4215448.70	0.14612
539381.84	4215448.70	0.14349	539341.84	4215458.70	0.15597
539351.84	4215458.70	0.15324	539361.84	4215458.70	0.15052
539371.84	4215458.70	0.14780	539381.84	4215458.70	0.14509
539341.84	4215468.70	0.15790	539351.84	4215468.70	0.15509
539361.84	4215468.70	0.15229	539371.84	4215468.70	0.14950
539381.84	4215468.70	0.14671	539113.88	4215517.52	0.23821
539096.52	4215515.99	0.24193	539108.26	4215501.18	0.23181
539096.01	4215500.67	0.23428	539108.26	4215486.38	0.22481
539094.47	4215485.36	0.22714	539135.32	4215461.36	0.20844
539150.13	4215439.91	0.19728	539114.39	4215452.68	0.20880
539123.07	4215439.40	0.20191	539159.32	4215421.02	0.18887
539145.02	4215416.43	0.18967	539134.30	4215410.81	0.18955
539131.75	4215425.11	0.19517	539206.80	4215383.75	0.16918
539215.99	4215372.52	0.16460	539188.93	4215382.22	0.17164
539176.17	4215379.67	0.17283	539165.44	4215376.09	0.17346
539248.79	4215356.71	0.15511	539243.45	4215348.45	0.15417
539265.58	4215345.25	0.14975	539260.78	4215338.05	0.14895
539256.25	4215351.38	0.15265	539272.77	4215331.92	0.14576
539264.78	4215324.99	0.14555	539280.77	4215321.79	0.14244
539279.97	4215307.14	0.13968	539287.97	4215313.80	0.13976
539297.83	4215304.74	0.13655	539289.56	4215296.21	0.13620
539311.15	4215287.68	0.13152	539303.69	4215281.28	0.13149
539303.69	4215296.21	0.13412	539314.25	4215271.79	0.12838
539329.09	4215260.48	0.12451	539339.69	4215237.16	0.11958
539357.36	4215232.92	0.11668	539394.11	4215199.70	0.10777
539044.99	4215579.21	0.29394	539034.39	4215591.93	0.30641
539054.88	4215556.59	0.27580	539058.42	4215538.92	0.26377

539054.88	4215520.55	0.25396	539082.44	4215477.44	0.22570
539073.96	4215466.13	0.22206	539098.70	4215440.69	0.20662
539109.30	4215426.56	0.19926	539117.07	4215415.96	0.19402
539125.55	4215401.11	0.18737	539158.77	4215367.19	0.17166
539150.29	4215357.30	0.16973	539184.21	4215339.63	0.16047
539222.37	4215324.79	0.15166	539243.58	4215317.72	0.14721

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.10983	539364.42	4215191.93	0.11047
539344.64	4215200.41	0.11386	539409.65	4215113.48	0.09676
539355.94	4215136.80	0.10447	539262.66	4215288.75	0.13845
539282.44	4215261.19	0.13087	539299.41	4215235.04	0.12431
539168.48	4215647.44	0.28722	538949.25	4216163.17	3.84132
539352.01	4215796.95	0.22780	539358.95	4215583.01	0.17499
539293.80	4215538.56	0.18904	539260.82	4215517.04	0.19414
539279.41	4215503.60	0.18439	539292.18	4215495.55	0.17835
539318.95	4215487.21	0.16834	539337.11	4215482.84	0.16206
539356.14	4215482.00	0.15634	539369.89	4215483.02	0.15252
539384.66	4215486.57	0.14883	539391.49	4215490.91	0.14740
539342.66	4215571.90	0.17903	539326.38	4215560.79	0.18276
539310.09	4215549.67	0.18605	539277.31	4215527.80	0.19179
539270.11	4215510.32	0.18919	539305.56	4215491.38	0.17329
539384.98	4215509.33	0.15238	539378.47	4215527.75	0.15761
539371.97	4215546.17	0.16314	539365.46	4215564.59	0.16899

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.18179	0.19981	0.21995	0.24383	0.26901	0.29803	0.33157	0.37132	0.41852
4215938.00	0.17653	0.19376	0.21301	0.23583	0.25979	0.28726	0.31884	0.35608	0.40072
4215918.00	0.17170	0.18751	0.20638	0.22811	0.25086	0.27684	0.30654	0.34150	0.38248
4215898.00	0.16651	0.18226	0.20003	0.22069	0.24228	0.26609	0.29395	0.32750	0.36586
4215878.00	0.16194	0.17702	0.19423	0.21302	0.23405	0.25723	0.28426	0.31501	0.35094
4215858.00	0.15756	0.17201	0.18840	0.20654	0.22617	0.24870	0.27419	0.30390	0.33674
4215838.00	0.15338	0.16722	0.18242	0.20003	0.21949	0.24048	0.26522	0.29245	0.32403
4215818.00	0.14937	0.16262	0.17711	0.19380	0.21219	0.23293	0.25659	0.28226	0.31115
4215798.00	0.14554	0.15789	0.17202	0.18785	0.20522	0.22533	0.24766	0.27180	0.29814
4215778.00	0.14165	0.15367	0.16714	0.18216	0.19858	0.21699	0.23767	0.26022	0.28549
4215758.00	0.13835	0.14959	0.16246	0.17638	0.19187	0.20872	0.22798	0.24900	0.27250
4215738.00	0.13519	0.14594	0.15797	0.17121	0.18551	0.20138	0.21901	0.23862	0.26102
4215718.00	0.13202	0.14243	0.15359	0.16625	0.17946	0.19444	0.21062	0.22897	0.24983
4215698.00	0.12911	0.13877	0.14971	0.16163	0.17415	0.18795	0.20317	0.22025	0.24027
4215678.00	0.12618	0.13556	0.14587	0.15735	0.16923	0.18230	0.19666	0.21274	0.23078
4215658.00	0.12320	0.13233	0.14232	0.15327	0.16456	0.17693	0.19050	0.20541	0.22260
4215638.00	0.12062	0.12938	0.13893	0.14905	0.15976	0.17147	0.18427	0.19853	0.21490
4215618.00	0.11814	0.12638	0.13537	0.14534	0.15553	0.16663	0.17875	0.19222	0.20744
4215598.00	0.11574	0.12364	0.13210	0.14163	0.15132	0.16186	0.17333	0.18604	0.20061
4215578.00	0.11343	0.12088	0.12911	0.13805	0.14728	0.15729	0.16815	0.18039	0.19373
4215558.00	0.11121	0.11836	0.12624	0.13479	0.14359	0.15312	0.16343	0.17482	0.18765
4215538.00	0.10895	0.11594	0.12350	0.13168	0.14008	0.14915	0.15895		

0.16957 0.18168
4215518.00 | 0.10690 0.11362 0.12087 0.12857 0.13673 0.14538 0.15471
0.16497 0.17628
4215498.00 | 0.10494 0.11140 0.11824 0.12575 0.13356 0.14196 0.15086
0.16080 0.17157
4215478.00 | 0.10307 0.10929 0.11587 0.12306 0.13054 0.13872 0.14738
0.15670 0.16695
4215458.00 | 0.10128 0.10717 0.11360 0.12052 0.12781 0.13565 0.14408
0.15299 0.16261
4215438.00 | 0.09948 0.10526 0.11145 0.11809 0.12509 0.13273 0.14080
0.14947 0.15850
4215418.00 | 0.09786 0.10343 0.10939 0.11566 0.12249 0.12981 0.13766
0.14596 0.15458
4215398.00 | 0.09629 0.10166 0.10741 0.11344 0.11999 0.12700 0.13439
0.14231 0.15052
4215378.00 | 0.09476 0.09994 0.10538 0.11127 0.11756 0.12428 0.13134
0.13891 0.14674
4215358.00 | 0.09326 0.09817 0.10349 0.10915 0.11518 0.12151 0.12837
0.13559 0.14306
4215338.00 | 0.09177 0.09650 0.10162 0.10706 0.11274 0.11890 0.12546
0.13236 0.13948
4215318.00 | 0.09021 0.09485 0.09977 0.10499 0.11045 0.11624 0.12241
0.12899 0.13577
4215298.00 | 0.08874 0.09321 0.09794 0.10288 0.10811 0.11366 0.11946
0.12563 0.13233
4215278.00 | 0.08728 0.09159 0.09607 0.10090 0.10583 0.11107 0.11662
0.12252 0.12893
4215258.00 | 0.08585 0.09001 0.09433 0.09898 0.10373 0.10867 0.11391
0.11957 0.12570
4215238.00 | 0.08446 0.08841 0.09265 0.09713 0.10163 0.10647 0.11151
0.11694 0.12282
4215218.00 | 0.08311 0.08693 0.09104 0.09537 0.09978 0.10445 0.10929
0.11451 0.12014
4215198.00 | 0.08176 0.08552 0.08949 0.09367 0.09793 0.10241 0.10723
0.11223 0.11761
4215178.00 | 0.08051 0.08416 0.08799 0.09196 0.09612 0.10051 0.10512
0.10998 0.11501

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2
***
INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 ,
L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 ,
L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 ,
L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 538744.00 538764.00 538784.00 538804.00 538824.00 538844.00 538864.00
538884.00 538904.00
- -
- - - - - - - -

4215158.00 | 0.07932 0.08284 0.08648 0.09036 0.09442 0.09862 0.10310
0.10773 0.11243
4215138.00 | 0.07815 0.08155 0.08505 0.08878 0.09267 0.09667 0.10094

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2
***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 ,
L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 ,
L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 ,
L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	0.47238	0.53491	0.60772	0.69288	0.79395	0.91491	1.06505	1.24951	1.47763
4215938.00	0.45033	0.50824	0.57475	0.65200	0.74303	0.85108	0.98400	1.14411	1.34284
4215918.00	0.42999	0.48344	0.54431	0.61465	0.69697	0.79398	0.91236	1.05357	1.22692
4215898.00	0.41051	0.46026	0.51582	0.58012	0.65494	0.74316	0.84768	0.97399	1.12633
4215878.00	0.39175	0.43856	0.48975	0.54870	0.61693	0.69633	0.79137	0.90358	1.03838
4215858.00	0.37483	0.41801	0.46539	0.51965	0.58209	0.65434	0.74059	0.84116	0.95983
4215838.00	0.35883	0.39830	0.44225	0.49240	0.54984	0.61592	0.69452	0.78559	0.89152
4215818.00	0.34289	0.37960	0.42031	0.46664	0.51956	0.58023	0.65256	0.73480	0.83094
4215798.00	0.32857	0.36198	0.39974	0.44256	0.49131	0.54701	0.61418	0.68920	0.77660
4215778.00	0.31341	0.34444	0.38038	0.42102	0.46611	0.51861	0.57950	0.64825	0.72737
4215758.00	0.29957	0.32924	0.36268	0.39988	0.44359	0.49217	0.54815	0.61068	0.68245
4215738.00	0.28617	0.31446	0.34553	0.38150	0.42156	0.46747	0.51840		

0.57604 0.64189
4215718.00 | 0.27367 0.29990 0.33025 0.36373 0.40179 0.44435 0.49067
0.54393 0.60392
4215698.00 | 0.26204 0.28697 0.31515 0.34621 0.38208 0.42191 0.46475
0.51333 0.56863
4215678.00 | 0.25162 0.27485 0.30103 0.32983 0.36318 0.40010 0.43963
0.48443 0.53539
4215658.00 | 0.24182 0.26352 0.28723 0.31456 0.34546 0.37939 0.41580
0.45698 0.50374
4215638.00 | 0.23275 0.25244 0.27500 0.30034 0.32896 0.36040 0.39398
0.43187 0.47479
4215618.00 | 0.22442 0.24266 0.26359 0.28712 0.31293 0.34271 0.37367
0.40851 0.44787
4215598.00 | 0.21613 0.23370 0.25289 0.27485 0.29878 0.32633 0.35489
0.38692 0.42300
4215578.00 | 0.20878 0.22532 0.24330 0.26290 0.28568 0.31120 0.33758
0.36707 0.40016
4215558.00 | 0.20188 0.21722 0.23409 0.25269 0.27354 0.29724 0.32166
0.34886 0.37928
4215538.00 | 0.19515 0.20987 0.22549 0.24321 0.26247 0.28378 0.30640
0.33152 0.35950
4215518.00 | 0.18879 0.20250 0.21771 0.23412 0.25248 0.27213 0.29322
0.31654 0.34245
4215498.00 | 0.18325 0.19627 0.21017 0.22594 0.24266 0.26169 0.28142
0.30320 0.32731
4215478.00 | 0.17787 0.18992 0.20340 0.21834 0.23411 0.25205 0.27058
0.29099 0.31353
4215458.00 | 0.17300 0.18426 0.19671 0.21068 0.22615 0.24273 0.26015
0.27928 0.30038
4215438.00 | 0.16823 0.17893 0.19055 0.20362 0.21831 0.23435 0.25077
0.26878 0.28859
4215418.00 | 0.16386 0.17388 0.18491 0.19730 0.21081 0.22579 0.24122
0.25811 0.27665
4215398.00 | 0.15935 0.16887 0.17951 0.19125 0.20404 0.21776 0.23226
0.24811 0.26546
4215378.00 | 0.15515 0.16420 0.17430 0.18543 0.19734 0.21049 0.22417
0.23909 0.25539
4215358.00 | 0.15107 0.15968 0.16927 0.17965 0.19110 0.20354 0.21645
0.23051 0.24585
4215338.00 | 0.14711 0.15530 0.16442 0.17428 0.18513 0.19692 0.20913
0.22240 0.23684
4215318.00 | 0.14316 0.15096 0.15964 0.16916 0.17947 0.19064 0.20219
0.21491 0.22871
4215298.00 | 0.13938 0.14695 0.15523 0.16429 0.17409 0.18451 0.19576
0.20774 0.22067
4215278.00 | 0.13579 0.14314 0.15103 0.15966 0.16881 0.17880 0.18940
0.20080 0.21305
4215258.00 | 0.13236 0.13938 0.14702 0.15521 0.16387 0.17328 0.18322
0.19403 0.20543
4215238.00 | 0.12919 0.13588 0.14314 0.15077 0.15905 0.16790 0.17734
0.18727 0.19804
4215218.00 | 0.12612 0.13248 0.13924 0.14655 0.15434 0.16262 0.17132
0.18072 0.19077
4215198.00 | 0.12321 0.12913 0.13552 0.14240 0.14971 0.15748 0.16562
0.17443 0.18385
4215178.00 | 0.12032 0.12583 0.13185 0.13833 0.14520 0.15238 0.16014
0.16844 0.17733

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,

```
                L0000560    , L0000561    , L0000562    , L0000563    , L0000564    , L0000565    , L0000566    ,
L0000567    ,
                L0000568    , L0000569    , L0000570    , L0000571    , L0000572    , L0000573    , L0000574    ,
L0000575    ,
                L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.11737      0.12257      0.12824      0.13435      0.14071      0.14759      0.15493
0.16279      0.17110
  4215138.00 |       0.11453      0.11954      0.12481      0.13059      0.13662      0.14304      0.15001
0.15738      0.16542
  4215118.00 |       0.11174      0.11657      0.12157      0.12697      0.13261      0.13874      0.14540
0.15244      0.16014
  4215098.00 |       0.10909      0.11360      0.11845      0.12352      0.12892      0.13469      0.14098
0.14784      0.15522
  4215078.00 |       0.10645      0.11083      0.11540      0.12025      0.12535      0.13090      0.13696
0.14355      0.15062
  4215058.00 |       0.10390      0.10811      0.11257      0.11717      0.12209      0.12736      0.13320
0.13954      0.14631
  4215038.00 |       0.10134      0.10545      0.10976      0.11428      0.11904      0.12422      0.12985
0.13594      0.14240
  4215018.00 |       0.09897      0.10295      0.10711      0.11149      0.11624      0.12125      0.12668
0.13251      0.13866
  4214998.00 |       0.09674      0.10059      0.10463      0.10894      0.11354      0.11845      0.12367
0.12924      0.13506
  4214978.00 |       0.09463      0.09837      0.10229      0.10653      0.11099      0.11579      0.12078
0.12608      0.13156
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):     L0000555    , L0000556    , L0000557    , L0000558    ,
L0000559    ,
                L0000560    , L0000561    , L0000562    , L0000563    , L0000564    , L0000565    , L0000566    ,
L0000567    ,
                L0000568    , L0000569    , L0000570    , L0000571    , L0000572    , L0000573    , L0000574    ,
L0000575    ,
                L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       1.76758      2.13902      2.63807      3.33857      4.40220      6.16419      9.44674
10.43774      7.75727
  4215938.00 |       1.58975      1.89999      2.30682      2.85998      3.66386      4.90998      7.02720
```

11.14769 7.87623
4215918.00 | 1.43936 1.70183 2.03900 2.48134 3.11206 4.02807 5.49007
8.09385 6.82957
4215898.00 | 1.30909 1.53328 1.81616 2.18241 2.68176 3.39002 4.45180
6.18068 9.38847
4215878.00 | 1.19836 1.39398 1.63517 1.94451 2.35339 2.91038 3.70783
4.93218 7.00183
4215858.00 | 1.10338 1.27427 1.48413 1.74691 2.08412 2.53480 3.15794
4.06042 5.48434
4215838.00 | 1.01883 1.16909 1.35317 1.58075 1.86548 2.23425 2.72860
3.42187 4.46515
4215818.00 | 0.94421 1.07863 1.24030 1.43764 1.68071 1.98949 2.38965
2.93710 3.72593
4215798.00 | 0.87826 0.99788 1.14221 1.31669 1.52703 1.78479 2.11688
2.55922 3.18006
4215778.00 | 0.81946 0.92665 1.05505 1.20905 1.39071 1.61390 1.89400
2.25855 2.75076
4215758.00 | 0.76590 0.86327 0.97822 1.11531 1.27545 1.46969 1.70955
2.01259 2.41811
4215738.00 | 0.71764 0.80638 0.90996 1.03178 1.17549 1.34666 1.55513
1.81391 2.15260
4215718.00 | 0.67336 0.75470 0.84817 0.95876 1.08799 1.24068 1.42459
1.64950 1.93792
4215698.00 | 0.63252 0.70724 0.79283 0.89327 1.01028 1.14795 1.31398
1.51325 1.76457
4215678.00 | 0.59455 0.66270 0.74197 0.83385 0.94046 1.06673 1.21737
1.39853 1.62078
4215658.00 | 0.55824 0.62195 0.69480 0.77926 0.87686 0.99327 1.13250
1.29842 1.49907
4215638.00 | 0.52478 0.58404 0.65086 0.72793 0.81872 0.92567 1.05399
1.20873 1.39475
4215618.00 | 0.49373 0.54840 0.60997 0.68048 0.76385 0.86260 0.98095
1.12597 1.29906
4215598.00 | 0.46497 0.51508 0.57132 0.63626 0.71243 0.80271 0.91111
1.04529 1.20774
4215578.00 | 0.43852 0.48335 0.53579 0.59537 0.66448 0.74599 0.84509
0.96791 1.11908
4215558.00 | 0.41438 0.45527 0.50313 0.55788 0.61973 0.69385 0.78323
0.89397 1.03202
4215538.00 | 0.39165 0.42982 0.47356 0.52360 0.57986 0.64637 0.72647
0.82435 0.94732
4215518.00 | 0.37175 0.40690 0.44693 0.49164 0.54418 0.60423 0.67589
0.76273 0.87085
4215498.00 | 0.35450 0.38628 0.42214 0.46416 0.51233 0.56745 0.63133
0.70965 0.80583
4215478.00 | 0.33888 0.36796 0.40083 0.43962 0.48408 0.53526 0.59357
0.66447 0.75076
4215458.00 | 0.32405 0.35136 0.38181 0.41746 0.45869 0.50518 0.56024
0.62511 0.70425
4215438.00 | 0.31077 0.33577 0.36474 0.39682 0.43424 0.47824 0.52943
0.58899 0.66092
4215418.00 | 0.29737 0.32163 0.34870 0.37852 0.41202 0.45288 0.50002
0.55429 0.61972
4215398.00 | 0.28550 0.30823 0.33288 0.36086 0.39220 0.42876 0.47198
0.52142 0.58025
4215378.00 | 0.27354 0.29489 0.31820 0.34385 0.37342 0.40630 0.44426
0.48972 0.54266
4215358.00 | 0.26290 0.28220 0.30396 0.32835 0.35491 0.38511 0.41918
0.45962 0.50714
4215338.00 | 0.25283 0.27086 0.29039 0.31292 0.33782 0.36466 0.39599
0.43125 0.47398
4215318.00 | 0.24370 0.26025 0.27831 0.29873 0.32146 0.34616 0.37492
0.40681 0.44444
4215298.00 | 0.23465 0.24998 0.26638 0.28452 0.30537 0.32875 0.35500
0.38432 0.41747
4215278.00 | 0.22604 0.24002 0.25514 0.27159 0.29019 0.31256 0.33666
0.36369 0.39362
4215258.00 | 0.21766 0.23043 0.24442 0.25943 0.27667 0.29761 0.32004
0.34474 0.37109

  4215238.00 | 0.20941   0.22129   0.23432   0.24833   0.26444   0.28319   0.30413
0.32702   0.35073
  4215218.00 | 0.20139   0.21267   0.22490   0.23826   0.25338   0.27058   0.28963
0.31041   0.33165
  4215198.00 | 0.19383   0.20461   0.21615   0.22876   0.24296   0.25873   0.27619
0.29467   0.31394
  4215178.00 | 0.18677   0.19697   0.20806   0.22014   0.23347   0.24793   0.26373
0.28035   0.29725

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
                L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
                L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
                L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.18020   0.19003   0.20055   0.21210   0.22457   0.23794   0.25200
0.26691   0.28190
  4215138.00 | 0.17409   0.18346   0.19356   0.20456   0.21603   0.22833   0.24109
0.25430   0.26771
  4215118.00 | 0.16842   0.17746   0.18713   0.19731   0.20806   0.21919   0.23060
0.24242   0.25425
  4215098.00 | 0.16314   0.17171   0.18093   0.19053   0.20044   0.21048   0.22076
0.23119   0.24168
  4215078.00 | 0.15818   0.16640   0.17503   0.18403   0.19304   0.20216   0.21131
0.22061   0.23004
  4215058.00 | 0.15350   0.16133   0.16939   0.17770   0.18594   0.19412   0.20234
0.21054   0.21905
  4215038.00 | 0.14921   0.15647   0.16396   0.17153   0.17905   0.18645   0.19384
0.20119   0.20879
  4215018.00 | 0.14508   0.15179   0.15864   0.16559   0.17244   0.17914   0.18579
0.19239   0.19922
  4214998.00 | 0.14108   0.14725   0.15357   0.15987   0.16611   0.17218   0.17819
0.18414   0.19020
  4214978.00 | 0.13719   0.14291   0.14867   0.15444   0.16005   0.16556   0.17101
0.17639   0.18188

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,

```
                L0000560    , L0000561    , L0000562    , L0000563    , L0000564    , L0000565    , L0000566    ,
L0000567    ,
                L0000568    , L0000569    , L0000570    , L0000571    , L0000572    , L0000573    , L0000574    ,
L0000575    ,
                L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215958.00 |       6.93478     10.12831      6.97999      5.23976      4.13613      3.38002      2.83492
2.42346      2.10422
  4215938.00 |       7.64127      6.37313      8.83687      6.32330      4.83563      3.86817      3.18768
2.68986      2.31166
  4215918.00 |       7.94684      7.36987     11.77654      7.84991      5.77879      4.49154      3.62508
3.00996      2.55547
  4215898.00 |       7.27459      7.82773     10.21602     10.21517      7.07980      5.31165      4.17417
3.40124      2.84570
  4215878.00 |       8.37345      7.68336      7.59532      9.21443      8.97534      6.41465      4.87994
3.88925      3.20035
  4215858.00 |       8.01596      9.44606      8.01402      7.24511      8.30764      7.98268      5.82751
4.51272      3.63700
  4215838.00 |       6.15904      9.33321      7.28043      8.22120      6.82969     10.38077      7.13223
5.33313      4.19089
  4215818.00 |       4.93629      7.01849      8.34317      7.59737      8.23151      6.34648      9.05869
6.45339      4.90748
  4215798.00 |       4.08107      5.51900      8.04985      9.32127      7.71788     11.11513      8.89321
8.04460      5.86885
  4215778.00 |       3.44786      4.49265      6.17750      9.30180      7.57790      7.67713     10.27887
10.47383      7.20698
  4215758.00 |       2.96981      3.76007      4.95389      6.96238      8.49307      8.09716      7.52212
9.40041      9.18365
  4215738.00 |       2.60032      3.21246      4.10466      5.48779      7.93564      6.72959      5.50277
7.26658      8.53320
  4215718.00 |       2.30997      2.80254      3.49091      4.49746      6.12985      9.16066      7.16595
8.50789      6.91507
  4215698.00 |       2.07907      2.48671      3.03610      3.80175      4.97344      6.93590      8.22127
7.53968      8.22002
  4215678.00 |       1.89589      2.24103      2.69475      3.30695      4.18803      5.56355      7.99103
9.26940      7.81294
  4215658.00 |       1.74425      2.05108      2.43763      2.94857      3.64471      4.67289      6.31639
9.34535     10.36101
  4215638.00 |       1.61960      1.89781      2.24406      2.68842      3.27400      4.08591      5.28639
7.27808     11.06197
  4215618.00 |       1.51131      1.77257      2.09802      2.51110      3.03914      3.73299      4.69383
6.12970      8.57357
  4215598.00 |       1.41029      1.66409      1.98431      2.39091      2.89847      3.55210      4.40721
5.59119      7.37413
  4215578.00 |       1.31189      1.56111      1.88696      2.31004      2.85257      3.53947      4.41402
5.56897      7.16524
  4215558.00 |       1.21064      1.45175      1.78707      2.25025      2.88052      3.70412      4.74441
6.10242      7.92179
  4215538.00 |       1.10976      1.33441      1.66344      2.16975      2.94687      4.08193      5.57883
7.51728     10.17258
  4215518.00 |       1.01444      1.21371      1.51639      2.02225      2.94824      4.67106      7.44537
6.67422      4.91899
  4215498.00 |       0.93110      1.10268      1.36462      1.81267      2.73654      2.27517      3.84427
2.96957      5.07959
  4215478.00 |       0.86288      1.01381      1.23500      1.60286      2.33959      1.95653      3.05598
2.40013      6.06903
  4215458.00 |       0.80530      0.94047      1.13276      1.43566      1.98751      3.17367      2.38645
6.60058      6.41513
```

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                              INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
                L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
                L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
                L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215958.00 | 1.84938   1.64164   1.46925   1.32422   1.20034   1.09348   1.00012
0.91774   0.84415
  4215938.00 | 2.01476   1.77617   1.58065   1.41722   1.27895   1.16021   1.05726
0.96659   0.88602
  4215918.00 | 2.20614   1.92988   1.70621   1.52130   1.36621   1.23372   1.11950
1.01958   0.93109
  4215898.00 | 2.42993   2.10715   1.84919   1.63857   1.46333   1.31539   1.18809
1.07723   0.97964
  4215878.00 | 2.69581   2.31362   2.01325   1.77168   1.57306   1.40627   1.26401
1.14071   1.03257
  4215858.00 | 3.01694   2.55727   2.20390   1.92406   1.69686   1.50798   1.34806
1.21052   1.08978
  4215838.00 | 3.41020   2.84876   2.42743   2.10014   1.83802   1.62254   1.44190
1.28682   1.15167
  4215818.00 | 3.90164   3.20307   2.69322   2.30576   2.00039   1.75246   1.54646
1.37083   1.21867
  4215798.00 | 4.53116   3.64195   3.01420   2.54870   2.18900   1.90129   1.66399
1.46355   1.29119
  4215778.00 | 5.36064   4.19699   3.40768   2.83947   2.41050   2.07243   1.79681
1.56613   1.36999
  4215758.00 | 6.49378   4.91678   3.89939   3.19266   2.67331   2.27146   1.94776
1.68020   1.45479
  4215738.00 | 8.12152   5.88100   4.52874   3.62956   2.98949   2.50522   2.12026
1.80636   1.54619
  4215718.00 | 10.61879   7.22690   5.35752   4.18205   3.37604   2.78261   2.31868
1.94623   1.64421
  4215698.00 | 9.84921   9.22308   6.48728   4.90454   3.86104   3.11604   2.54637
2.10035   1.74796
  4215678.00 | 7.74822   8.67647   8.13361   5.87678   4.48496   3.52220   2.80873
2.26838   1.85547
  4215658.00 | 7.94409   7.23759   10.71862   7.26028   5.30601   4.02172   3.10912
2.44763   1.96230

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  4215638.00 |       8.16581      7.98268      6.73331      9.34614      6.42212      4.63940      3.44464
2.62815      2.05817
  4215618.00 |       7.44480      8.58736      7.93311      9.04005      8.00477      5.39187      3.79251
2.78548      2.12487
  4215598.00 |      10.45777      8.59472      8.95342      7.53032     10.30755      6.24446      4.09030
2.87733      2.14081
  4215578.00 |       9.54645     11.30460     10.66196      8.83164      7.97000      6.88004      4.18198
2.85081      2.09024
  4215558.00 |      10.51789     10.71482      7.40382      8.10318      8.21211      6.65571      3.97938
2.70696      1.98741
  4215538.00 |       6.10528      7.46419      7.83482      7.12944     10.02610      5.68940      3.60023
2.50466      1.86235
  4215518.00 |       6.91995      6.10137      9.02521     10.40994      7.07620      4.65947      3.17893
2.28964      1.73536
  4215498.00 |       4.83751      7.60154      8.84770      6.86320      5.18145      3.79562      2.77111
2.07921      1.61190
  4215478.00 |       8.98453      7.25499      5.98222      4.91305      3.95885      3.11387      2.41108
1.87967      1.49294
  4215458.00 |       5.76085      5.01911      4.33553      3.71358      3.12966      2.58212      2.09786
1.69497      1.37904
  4215438.00 |       4.01228      3.67532      3.29819      2.91368      2.53513      2.17174      1.82955
1.52587      1.26970
  4215418.00 |       2.94348      2.80160      2.59114      2.35408      2.10254      1.84910      1.60152
1.37206      1.16769
  4215398.00 |       2.25463      2.20097      2.08693      1.93760      1.76989      1.58979      1.40904
1.23383      1.07160
  4215378.00 |       1.78732      1.77708      1.71581      1.62301      1.50719      1.37863      1.24514
1.11052      0.98209
  4215358.00 |       1.45695      1.46496      1.43552      1.37859      1.29894      1.20605      1.10462
1.00117      0.89951
  4215338.00 |       1.21512      1.23041      1.21913      1.18429      1.13036      1.06198      0.98551
0.90472      0.82400
  4215318.00 |       1.03271      1.05007      1.04815      1.02761      0.99080      0.94090      0.88351
0.82103      0.75656
  4215298.00 |       0.89075      0.90859      0.91167      0.90027      0.87536      0.83944      0.79577
0.74728      0.69558
  4215278.00 |       0.77909      0.79548      0.80116      0.79508      0.77889      0.75317      0.72030
0.68182      0.64062
  4215258.00 |       0.68903      0.70372      0.71001      0.70812      0.69756      0.67894      0.65426
0.62432      0.59113
  4215238.00 |       0.61552      0.62812      0.63513      0.63514      0.62846      0.61505      0.59631
0.57303      0.54628
  4215218.00 |       0.55450      0.56563      0.57221      0.57326      0.56935      0.55974      0.54552
0.52721      0.50542
  4215198.00 |       0.50296      0.51255      0.51858      0.52071      0.51815      0.51162      0.50083
0.48643      0.46885
  4215178.00 |       0.45895      0.46744      0.47291      0.47527      0.47405      0.46943      0.46137
0.44991      0.43584
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 246
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):     L0000555    , L0000556    , L0000557    , L0000558    ,
L0000559    ,
                L0000560    , L0000561    , L0000562    , L0000563    , L0000564    , L0000565    , L0000566    ,
L0000567    ,
                L0000568    , L0000569    , L0000570    , L0000571    , L0000572    , L0000573    , L0000574    ,
L0000575    ,
                L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
. . .       ,

                                    *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
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** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.00	0.42102	0.42841	0.43348	0.43589	0.43556	0.43246	0.42620	0.41738	0.40601
4215138.00	0.38797	0.39454	0.39920	0.40181	0.40206	0.40001	0.39528	0.38835	0.37917
4215118.00	0.35919	0.36496	0.36920	0.37174	0.37248	0.37119	0.36764	0.36220	0.35477
4215098.00	0.33384	0.33903	0.34280	0.34526	0.34623	0.34551	0.34285	0.33858	0.33255
4215078.00	0.31133	0.31604	0.31942	0.32168	0.32284	0.32253	0.32056	0.31720	0.31231
4215058.00	0.29123	0.29557	0.29862	0.30066	0.30182	0.30182	0.30044	0.29777	0.29379
4215038.00	0.27303	0.27736	0.28010	0.28191	0.28290	0.28309	0.28212	0.28001	0.27685
4215018.00	0.25666	0.26059	0.26361	0.26515	0.26592	0.26616	0.26553	0.26392	0.26137
4214998.00	0.24210	0.24536	0.24822	0.25005	0.25069	0.25083	0.25043	0.24922	0.24710
4214978.00	0.22868	0.23186	0.23427	0.23618	0.23709	0.23703	0.23666	0.23576	0.23407

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.77773	0.71739	0.66231	0.61165	0.56498
4215938.00	0.81349	0.74772	0.68785	0.63314	0.58284
4215918.00	0.85160	0.77972	0.71451	0.65520	0.60127
4215898.00	0.89223	0.81344	0.74228	0.67809	0.61998
4215878.00	0.93603	0.84938	0.77154	0.70166	0.63908
4215858.00	0.98274	0.88717	0.80192	0.72603	0.65856
4215838.00	1.03249	0.92706	0.83337	0.75083	0.67840
4215818.00	1.08569	0.96857	0.86587	0.77641	0.69842
4215798.00	1.14190	1.01191	0.89936	0.80251	0.71899
4215778.00	1.20144	1.05702	0.93376	0.82903	0.73960
4215758.00	1.26433	1.10379	0.96911	0.85567	0.75987
4215738.00	1.33042	1.15219	1.00453	0.88185	0.77907
4215718.00	1.39931	1.20104	1.03937	0.90651	0.79626

4215698.00	1.46959	1.24869	1.07176	0.92785	0.80961
4215678.00	1.53871	1.29281	1.09908	0.94383	0.81778
4215658.00	1.60189	1.32882	1.11792	0.95202	0.81939
4215638.00	1.65054	1.35058	1.12442	0.95008	0.81311
4215618.00	1.67316	1.35210	1.11554	0.93713	0.79879
4215598.00	1.66054	1.32971	1.09115	0.91372	0.77749
4215578.00	1.61057	1.28549	1.05402	0.88263	0.75151
4215558.00	1.53465	1.22836	1.00999	0.84796	0.72376
4215538.00	1.45040	1.16827	0.96531	0.81364	0.69678
4215518.00	1.36765	1.11059	0.92312	0.78160	0.67182
4215498.00	1.28821	1.05595	0.88369	0.75200	0.64891
4215478.00	1.21112	1.00336	0.84603	0.72396	0.62744
4215458.00	1.13671	0.95216	0.80928	0.69675	0.60669
4215438.00	1.06471	0.90218	0.77312	0.66977	0.58617
4215418.00	0.99523	0.85335	0.73732	0.64304	0.56563
4215398.00	0.92843	0.80567	0.70233	0.61665	0.54520
4215378.00	0.86427	0.75879	0.66797	0.59063	0.52499
4215358.00	0.80251	0.71372	0.63432	0.56495	0.50482
4215338.00	0.74531	0.67011	0.60138	0.53964	0.48528
4215318.00	0.69220	0.62908	0.56987	0.51532	0.46620
4215298.00	0.64286	0.59000	0.53925	0.49139	0.44735
4215278.00	0.59737	0.55310	0.50974	0.46798	0.42875
4215258.00	0.55559	0.51852	0.48154	0.44523	0.41047
4215238.00	0.51677	0.48602	0.45453	0.42309	0.39227
4215218.00	0.48137	0.45561	0.42882	0.40149	0.37460
4215198.00	0.44904	0.42745	0.40448	0.38107	0.35754
4215178.00	0.41952	0.40143	0.38187	0.36169	0.34111

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	0.39255	0.37725	0.36075	0.34330	0.32536
4215138.00	0.36808	0.35527	0.34124	0.32610	0.31031
4215118.00	0.34563	0.33490	0.32299	0.30996	0.29607
4215098.00	0.32502	0.31603	0.30592	0.29463	0.28254
4215078.00	0.30608	0.29855	0.28997	0.28018	0.26967
4215058.00	0.28863	0.28236	0.27501	0.26660	0.25746
4215038.00	0.27256	0.26723	0.26101	0.25383	0.24589
4215018.00	0.25778	0.25330	0.24798	0.24180	0.23494
4214998.00	0.24420	0.24041	0.23585	0.23055	0.22458
4214978.00	0.23161	0.22848	0.22457	0.21999	0.21481

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	1.18790	539351.84	4215428.70	1.33298
539361.84	4215428.70	1.51539	539371.84	4215428.70	1.74401
539381.84	4215428.70	2.02350	539341.84	4215438.70	1.25698
539351.84	4215438.70	1.42375	539361.84	4215438.70	1.63991
539371.84	4215438.70	1.92374	539381.84	4215438.70	2.29063
539341.84	4215448.70	1.32775	539351.84	4215448.70	1.51817
539361.84	4215448.70	1.77428	539371.84	4215448.70	2.12862
539381.84	4215448.70	2.62079	539341.84	4215458.70	1.39974
539351.84	4215458.70	1.61532	539361.84	4215458.70	1.91632
539371.84	4215458.70	2.35876	539381.84	4215458.70	3.03061
539341.84	4215468.70	1.47492	539351.84	4215468.70	1.71745
539361.84	4215468.70	2.06865	539371.84	4215468.70	2.61864
539381.84	4215468.70	3.55083	539113.88	4215517.52	0.38839
539096.52	4215515.99	0.35854	539108.26	4215501.18	0.36358
539096.01	4215500.67	0.34519	539108.26	4215486.38	0.35131
539094.47	4215485.36	0.33152	539135.32	4215461.36	0.37107
539150.13	4215439.91	0.37575	539114.39	4215452.68	0.33371
539123.07	4215439.40	0.33565	539159.32	4215421.02	0.37367
539145.02	4215416.43	0.34820	539134.30	4215410.81	0.32960
539131.75	4215425.11	0.33671	539206.80	4215383.75	0.41740
539215.99	4215372.52	0.42167	539188.93	4215382.22	0.38509
539176.17	4215379.67	0.36313	539165.44	4215376.09	0.34435
539248.79	4215356.71	0.46800	539243.45	4215348.45	0.44466
539265.58	4215345.25	0.48884	539260.78	4215338.05	0.46634

539256.25	4215351.38	0.47698	539272.77	4215331.92	0.48472
539264.78	4215324.99	0.45589	539280.77	4215321.79	0.48686
539279.97	4215307.14	0.46176	539287.97	4215313.80	0.49030
539297.83	4215304.74	0.49770	539289.56	4215296.21	0.46501
539311.15	4215287.68	0.49703	539303.69	4215281.28	0.46989
539303.69	4215296.21	0.49595	539314.25	4215271.79	0.47434
539329.09	4215260.48	0.48226	539339.69	4215237.16	0.45655
539357.36	4215232.92	0.47473	539394.11	4215199.70	0.45214
539044.99	4215579.21	0.33985	539034.39	4215591.93	0.33551
539054.88	4215556.59	0.33451	539058.42	4215538.92	0.32543
539054.88	4215520.55	0.30741	539082.44	4215477.44	0.31130
539073.96	4215466.13	0.29424	539098.70	4215440.69	0.30607
539109.30	4215426.56	0.30954	539117.07	4215415.96	0.31185
539125.55	4215401.11	0.31206	539158.77	4215367.19	0.32873
539150.29	4215357.30	0.31071	539184.21	4215339.63	0.33933
539222.37	4215324.79	0.37933	539243.58	4215317.72	0.40575

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.41944	539364.42	4215191.93	0.40891
539344.64	4215200.41	0.40166	539409.65	4215113.48	0.33085
539355.94	4215136.80	0.32782	539262.66	4215288.75	0.40402
539282.44	4215261.19	0.40246	539299.41	4215235.04	0.39413
539168.48	4215647.44	0.77163	538949.25	4216163.17	1.00175

539352.01	4215796.95	7.29784	539358.95	4215583.01	2.71208
539293.80	4215538.56	1.21363	539260.82	4215517.04	0.84859
539279.41	4215503.60	0.91922	539292.18	4215495.55	0.98384
539318.95	4215487.21	1.21995	539337.11	4215482.84	1.48955
539356.14	4215482.00	2.03214	539369.89	4215483.02	2.86074
539384.66	4215486.57	2.11212	539391.49	4215490.91	2.52409
539342.66	4215571.90	2.25955	539326.38	4215560.79	1.84837
539310.09	4215549.67	1.49368	539277.31	4215527.80	1.00334
539270.11	4215510.32	0.88201	539305.56	4215491.38	1.08703
539384.98	4215509.33	5.09232	539378.47	4215527.75	3.91341
539371.97	4215546.17	3.27489	539365.46	4215564.59	2.91427

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***

INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.24853	0.26705	0.28622	0.30621	0.32634	0.34695	0.36794	0.38942	0.41134
4215938.00	0.24588	0.26574	0.28658	0.30857	0.33099	0.35414	0.37792	0.40244	0.42776
4215918.00	0.24149	0.26227	0.28469	0.30853	0.33319	0.35896	0.38572	0.41354	0.44234
4215898.00	0.23544	0.25703	0.28052	0.30592	0.33260	0.36071	0.39046	0.42200	0.45476
4215878.00	0.22831	0.25015	0.27428	0.30060	0.32907	0.35959	0.39245	0.42729	0.46421
4215858.00	0.22032	0.24201	0.26629	0.29316	0.32270	0.35513	0.39045	0.42880	0.46957
4215838.00	0.21181	0.23302	0.25684	0.28387	0.31404	0.34752	0.38486	0.42567	0.47041
4215818.00	0.20308	0.22354	0.24670	0.27324	0.30322	0.33719	0.37574	0.41840	0.46579
4215798.00	0.19436	0.21378	0.23614	0.26179	0.29104	0.32479	0.36343	0.40691	0.45580

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  4215778.00 |       0.18574      0.20424      0.22549      0.24998      0.27809      0.31060      0.34819
0.39134      0.44101
  4215758.00 |       0.17763      0.19503      0.21506      0.23806      0.26472      0.29552      0.33164
0.37354      0.42243
  4215738.00 |       0.17010      0.18638      0.20514      0.22670      0.25158      0.28060      0.31459
0.35453      0.40190
  4215718.00 |       0.16333      0.17850      0.19584      0.21606      0.23909      0.26617      0.29775
0.33525      0.38003
  4215698.00 |       0.15738      0.17140      0.18763      0.20641      0.22776      0.25268      0.28195
0.31681      0.35886
  4215678.00 |       0.15210      0.16528      0.18043      0.19788      0.21765      0.24068      0.26769
0.29985      0.33843
  4215658.00 |       0.14613      0.15981      0.17410      0.19041      0.20878      0.23010      0.25502
0.28437      0.32005
  4215638.00 |       0.14117      0.15405      0.16840      0.18363      0.20081      0.22065      0.24372
0.27098      0.30378
  4215618.00 |       0.13631      0.14851      0.16202      0.17755      0.19375      0.21236      0.23390
0.25924      0.28957
  4215598.00 |       0.13187      0.14349      0.15604      0.17125      0.18656      0.20409      0.22429
0.24864      0.27702
  4215578.00 |       0.12780      0.13813      0.15067      0.16489      0.17937      0.19591      0.21490
0.23781      0.26545
  4215558.00 |       0.12394      0.13384      0.14530      0.15910      0.17285      0.18851      0.20646
0.22782      0.25402
  4215538.00 |       0.12011      0.12990      0.14093      0.15369      0.16682      0.18174      0.19881
0.21845      0.24390
  4215518.00 |       0.11695      0.12645      0.13717      0.14897      0.16197      0.17635      0.19277
0.21215      0.23617
  4215498.00 |       0.11442      0.12375      0.13395      0.14581      0.15853      0.17300      0.18908
0.20858      0.23230
  4215478.00 |       0.11276      0.12199      0.13210      0.14385      0.15644      0.17119      0.18761
0.20649      0.22936
  4215458.00 |       0.11204      0.12099      0.13135      0.14307      0.15601      0.17075      0.18762
0.20651      0.22832
  4215438.00 |       0.11187      0.12108      0.13143      0.14313      0.15603      0.17109      0.18788
0.20715      0.22826
  4215418.00 |       0.11237      0.12154      0.13183      0.14312      0.15618      0.17100      0.18791
0.20681      0.22748
  4215398.00 |       0.11281      0.12185      0.13196      0.14302      0.15576      0.17017      0.18616
0.20439      0.22430
  4215378.00 |       0.11278      0.12158      0.13115      0.14210      0.15440      0.16830      0.18370
0.20126      0.22045
  4215358.00 |       0.11209      0.12037      0.12979      0.14033      0.15218      0.16526      0.18047
0.19750      0.21618
  4215338.00 |       0.11077      0.11874      0.12783      0.13802      0.14924      0.16227      0.17717
0.19391      0.21232
  4215318.00 |       0.10887      0.11678      0.12564      0.13564      0.14670      0.15930      0.17370
0.19022      0.20837
  4215298.00 |       0.10709      0.11489      0.12368      0.13341      0.14445      0.15702      0.17102
0.18694      0.20537
  4215278.00 |       0.10557      0.11339      0.12204      0.13204      0.14287      0.15511      0.16888
0.18432      0.20187
  4215258.00 |       0.10452      0.11245      0.12119      0.13122      0.14199      0.15375      0.16675
0.18135      0.19763
  4215238.00 |       0.10399      0.11183      0.12074      0.13063      0.14090      0.15236      0.16458
0.17805      0.19287
  4215218.00 |       0.10383      0.11162      0.12034      0.12986      0.13979      0.15046      0.16167
0.17387      0.18721
  4215198.00 |       0.10360      0.11131      0.11963      0.12855      0.13771      0.14742      0.15793
0.16891      0.18095
  4215178.00 |       0.10331      0.11059      0.11833      0.12635      0.13480      0.14370      0.15315
0.16327      0.17405
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 252
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215158.00	0.10256	0.10928	0.11619	0.12357	0.13130	0.13931	0.14805	0.15737	0.16723
4215138.00	0.10124	0.10734	0.11355	0.12016	0.12712	0.13438	0.14243	0.15117	0.16085
4215118.00	0.09935	0.10471	0.11039	0.11634	0.12267	0.12937	0.13698	0.14541	0.15492
4215098.00	0.09687	0.10177	0.10688	0.11231	0.11804	0.12455	0.13194	0.14027	0.15004
4215078.00	0.09414	0.09855	0.10323	0.10817	0.11377	0.12012	0.12746	0.13587	0.14581
4215058.00	0.09119	0.09524	0.09962	0.10435	0.10985	0.11621	0.12348	0.13224	0.14262
4215038.00	0.08816	0.09197	0.09608	0.10088	0.10641	0.11289	0.12035	0.12936	0.14004
4215018.00	0.08520	0.08879	0.09299	0.09784	0.10351	0.11003	0.11789	0.12718	0.13816
4214998.00	0.08242	0.08602	0.09029	0.09528	0.10102	0.10791	0.11605	0.12563	0.13673
4214978.00	0.07983	0.08361	0.08804	0.09322	0.09919	0.10634	0.11476	0.12450	0.13590

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00

- - - - - - - -

4215958.00	0.43300	0.45413	0.47449	0.49362	0.51119	0.52699	0.54117	0.55388	0.56539
4215938.00	0.45304	0.47821	0.50269	0.52618	0.54818	0.56827	0.58636	0.60242	0.61682
4215918.00	0.47193	0.50164	0.53090	0.55945	0.58677	0.61222	0.63548	0.65617	0.67458
4215898.00	0.48884	0.52359	0.55807	0.59242	0.62597	0.65818	0.68818	0.71514	0.73907
4215878.00	0.50279	0.54307	0.58352	0.62447	0.66525	0.70498	0.74371	0.77905	0.81050
4215858.00	0.51309	0.55887	0.60585	0.65420	0.70326	0.75211	0.80103	0.84703	0.88865
4215838.00	0.51841	0.56971	0.62365	0.68010	0.73846	0.79782	0.85870	0.91768	0.97261
4215818.00	0.51762	0.57443	0.63533	0.70030	0.76879	0.83998	0.91452	0.98846	1.06058
4215798.00	0.51103	0.57214	0.63946	0.71281	0.79183	0.87583	0.96574	1.05748	1.15000
4215778.00	0.49789	0.56217	0.63506	0.71642	0.80566	0.90350	1.00939	1.12127	1.23678
4215758.00	0.47972	0.54580	0.62199	0.70910	0.80831	0.91874	1.04147	1.17418	1.31557
4215738.00	0.45783	0.52384	0.60104	0.69193	0.79754	0.91909	1.05656	1.21072	1.38064
4215718.00	0.43374	0.49755	0.57436	0.66563	0.77492	0.90348	1.05244	1.22578	1.42251
4215698.00	0.40894	0.46966	0.54320	0.63196	0.74043	0.87202	1.02815	1.21476	1.43536
4215678.00	0.38508	0.44156	0.51044	0.59441	0.69861	0.82760	0.98452	1.17796	1.41489
4215658.00	0.36289	0.41479	0.47778	0.55600	0.65337	0.77478	0.92611	1.11757	1.35988
4215638.00	0.34303	0.39007	0.44790	0.51930	0.60847	0.72037	0.86136	1.04300	1.27894
4215618.00	0.32565	0.36867	0.42132	0.48610	0.56620	0.66815	0.79612	0.96242	1.18187
4215598.00	0.31017	0.35007	0.39826	0.45718	0.52957	0.62131	0.73586	0.88463	1.08181
4215578.00	0.29679	0.33387	0.37837	0.43192	0.49831	0.58124	0.68377	0.81594	0.99014
4215558.00	0.28513	0.31989	0.36101	0.41106	0.47225	0.54812	0.64093	0.75939	0.91382
4215538.00	0.27429	0.30839	0.34722	0.39429	0.45155	0.52140	0.60685	0.71494	0.85436
4215518.00	0.26495	0.29819	0.33707	0.38211	0.43671	0.50305	0.58376	0.68524	0.81517
4215498.00	0.25938	0.29206	0.33058	0.37467	0.42721	0.49206	0.57008	0.66780	0.79231
4215478.00	0.25570	0.28712	0.32524	0.37103	0.42271	0.48631	0.56261	0.65781	0.77853
4215458.00	0.25418	0.28478	0.32143	0.36601	0.41986	0.48206	0.55639	0.64869	0.76509
4215438.00	0.25267	0.28178	0.31653	0.36068	0.41418	0.47598	0.54767	0.63627	0.74738
4215418.00	0.25129	0.27891	0.31192	0.35427	0.40491	0.46487	0.53331	0.61751	0.72224
4215398.00	0.24720	0.27373	0.30613	0.34531	0.39443	0.45149	0.51666	0.59609	0.69352
4215378.00	0.24256	0.26824	0.29963	0.33755	0.38186	0.43828	0.49983	0.57368	0.66267
4215358.00	0.23777	0.26288	0.29349	0.32948	0.37269	0.42433	0.48135	0.54861	0.62855
4215338.00	0.23359	0.25821	0.28792	0.32237	0.36300	0.41012	0.46201	0.52251	0.59403
4215318.00	0.22961	0.25345	0.28169	0.31447	0.35185	0.39459	0.44127	0.49658	0.56237
4215298.00	0.22580	0.24878	0.27503	0.30501	0.33881	0.37658	0.42013		

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***

INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215158.00	0.17838	0.19130	0.20720	0.22664	0.24977	0.27806	0.31165	0.35058	0.39410
4215138.00	0.17178	0.18493	0.20066	0.22027	0.24352	0.27120	0.30371	0.34010	0.38026
4215118.00	0.16610	0.17967	0.19568	0.21522	0.23820	0.26533	0.29632	0.33006	0.36631
4215098.00	0.16162	0.17523	0.19179	0.21124	0.23402	0.26000	0.28884	0.31981	0.35215
4215078.00	0.15786	0.17200	0.18858	0.20803	0.23010	0.25477	0.28136	0.30920	0.33780
4215058.00	0.15497	0.16939	0.18627	0.20528	0.22649	0.24935	0.27346	0.29821	0.32339
4215038.00	0.15250	0.16727	0.18406	0.20267	0.22269	0.24377	0.26535	0.28725	0.30949
4215018.00	0.15086	0.16565	0.18209	0.19985	0.21861	0.23763	0.25679	0.27616	0.29589
4214998.00	0.14970	0.16430	0.18013	0.19684	0.21392	0.23098	0.24793	0.26510	0.28274
4214978.00	0.14882	0.16300	0.17797	0.19340	0.20872	0.22393	0.23893	0.25427	0.27017

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***

INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00
4215958.00	0.57610	0.58605	0.59516	0.60309	0.60961	0.61485	0.61958	0.62497	0.63241
4215938.00	0.62984	0.64176	0.65269	0.66238	0.67056	0.67717	0.68284	0.68881	0.69672
4215918.00	0.69090	0.70551	0.71877	0.73057	0.74086	0.74923	0.75622	0.76308	0.77160
4215898.00	0.76003	0.77849	0.79494	0.80958	0.82241	0.83312	0.84190	0.84998	0.85933
4215878.00	0.83813	0.86227	0.88329	0.90182	0.91796	0.93152	0.94268	0.95251	0.96303
4215858.00	0.92567	0.95794	0.98583	1.00986	1.03043	1.04787	1.06227	1.07453	1.08679
4215838.00	1.02248	1.06630	1.10430	1.13672	1.16391	1.18662	1.20538	1.22115	1.23600
4215818.00	1.12772	1.18781	1.24044	1.28540	1.32278	1.35350	1.37845	1.39926	1.41795
4215798.00	1.23914	1.32145	1.39521	1.45925	1.51257	1.55542	1.58997	1.61823	1.64281
4215778.00	1.35318	1.46463	1.56808	1.65979	1.73762	1.80111	1.85127	1.89106	1.92429
4215758.00	1.46333	1.61261	1.75614	1.88792	2.00347	2.10007	2.17666	2.23570	2.28304
4215738.00	1.56372	1.75775	1.95296	2.14020	2.31190	2.46103	2.58268	2.67626	2.74862
4215718.00	1.64399	1.88878	2.14625	2.40851	2.65998	2.88963	3.08640	3.24238	3.36383
4215698.00	1.69370	1.99198	2.32194	2.67715	3.03715	3.38556	3.70594	3.97410	4.18905
4215678.00	1.70363	2.05048	2.45844	2.92152	3.42129	3.93985	4.44861	4.91351	5.30515
4215658.00	1.66694	2.05475	2.53316	3.10978	3.77532	4.51981	5.30790	6.08954	6.81000
4215638.00	1.58853	1.99687	2.52725	3.20377	4.05256	5.06988	6.23770	7.50945	8.80904
4215618.00	1.47731	1.88175	2.43298	3.17971	4.18804	5.50861	7.16111	9.14112	11.38103
4215598.00	1.35065	1.72779	2.25859	3.02478	4.13340	5.72622	7.94080	10.89222	14.60487
4215578.00	1.22747	1.56060	2.04376	2.76463	3.87432	5.61490	8.37713	12.60247	18.64809
4215558.00	1.12217	1.41242	1.83279	2.46594	3.46581	5.16260	8.20618	13.86082	23.84957
4215538.00	1.04023	1.29811	1.66390	2.20772	3.05982	4.52960	7.35313	13.65840	30.02602
4215518.00	0.98683	1.22243	1.55192	2.02853	2.77040	4.01056	6.34453	11.67139	30.17753
4215498.00	0.95580	1.17840	1.48351	1.92622	2.59807	3.69165	5.64281		

9.78446   21.10248
  4215478.00 | 0.93608   1.14886   1.43770   1.85083   2.46479   3.43118   5.06105
8.16895   14.67364
  4215458.00 | 0.91595   1.11596   1.38837   1.76785   2.31548   3.13481   4.45783
6.73435   10.69470
  4215438.00 | 0.89021   1.07723   1.32715   1.66644   2.13681   2.82709   3.88441
5.55290   8.08354
  4215418.00 | 0.85721   1.03015   1.25425   1.55158   1.95490   2.53230   3.37849
4.60286   6.30630
  4215398.00 | 0.81720   0.97627   1.17448   1.43156   1.78106   2.26649   2.94583
3.86268   5.04522
  4215378.00 | 0.77300   0.91650   1.09195   1.31921   1.62256   2.03274   2.57589
3.27550   4.11933
  4215358.00 | 0.72795   0.85470   1.01247   1.21610   1.48139   1.82622   2.26806
2.80439   3.41857
  4215338.00 | 0.68173   0.79661   0.93848   1.12389   1.35686   1.64886   2.00651
2.42054   2.87426
  4215318.00 | 0.64260   0.74640   0.87607   1.04075   1.24665   1.49483   1.78669
2.10876   2.44596
  4215298.00 | 0.60584   0.70142   0.82046   0.96800   1.14788   1.35786   1.59390
1.84733   2.10059
  4215278.00 | 0.57476   0.66304   0.77198   0.90338   1.05829   1.23521   1.42596
1.62658   1.82088
  4215258.00 | 0.54786   0.62986   0.72921   0.84408   0.97695   1.12494   1.28049
1.43920   1.58856
  4215238.00 | 0.52356   0.59992   0.68964   0.79028   0.90302   1.02479   1.15180
1.27824   1.39567
  4215218.00 | 0.50123   0.57205   0.65210   0.74010   0.83552   0.93566   1.03812
1.13967   1.23313
  4215198.00 | 0.48072   0.54541   0.61603   0.69183   0.77255   0.85560   0.93859
1.02003   1.09631
  4215178.00 | 0.46122   0.51907   0.58124   0.64677   0.71502   0.78379   0.85204
0.91797   0.97943

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                               INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.44215   0.49370   0.54773   0.60436   0.66222   0.71989   0.77551
0.82970   0.88047
  4215138.00 | 0.42322   0.46846   0.51563   0.56469   0.61351   0.66214   0.70866
0.75329   0.79609
  4215118.00 | 0.40434   0.44418   0.48547   0.52740   0.56955   0.61038   0.64929
0.68683   0.72306
  4215098.00 | 0.38559   0.42040   0.45665   0.49332   0.52956   0.56401   0.59698

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***

INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00
539424.00	539444.00						
4215958.00	0.64248	0.65499	0.66883	0.68229	0.69405	0.70351	0.71091
0.71742	0.72357						
4215938.00	0.70742	0.72094	0.73617	0.75109	0.76430	0.77485	0.78342
0.79090	0.79787						
4215918.00	0.78305	0.79770	0.81444	0.83116	0.84583	0.85780	0.86761
0.87638	0.88430						
4215898.00	0.87166	0.88758	0.90603	0.92484	0.94151	0.95501	0.96651
0.97651	0.98518						
4215878.00	0.97643	0.99374	1.01428	1.03553	1.05478	1.07041	1.08367
1.09466	1.10309						
4215858.00	1.10160	1.12061	1.14340	1.16764	1.18983	1.20821	1.22324
1.23519	1.24242						
4215838.00	1.25276	1.27379	1.29939	1.32690	1.35285	1.37456	1.39174
1.40366	1.40721						
4215818.00	1.43758	1.46116	1.48999	1.52179	1.55240	1.57811	1.59704
1.60726	1.60371						
4215798.00	1.66667	1.69381	1.72663	1.76374	1.79988	1.82992	1.84973
1.85578	1.83844						
4215778.00	1.95498	1.98737	2.02536	2.06884	2.11180	2.14650	2.16581
2.16102	2.12026						
4215758.00	2.32432	2.36467	2.40961	2.46114	2.51240	2.55125	2.56491
2.53882	2.45890						
4215738.00	2.80727	2.86037	2.91550	2.97738	3.03831	3.07875	3.07660
3.01013	2.86719						
4215718.00	3.45443	3.52942	3.60050	3.67599	3.74707	3.78163	3.74305
3.60320	3.36286						
4215698.00	4.34493	4.46223	4.56056	4.65454	4.73313	4.74307	4.62630

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4.35708      3.96721
  4215678.00 |       5.60279      5.81359      5.96660      6.08740      6.16125      6.10134      5.82206
5.32657      4.71584
  4215658.00 |       7.41141      7.85707      8.14393      8.31031      8.34146      8.09975      7.47913
6.59243      5.64995
  4215638.00 |      10.03673     11.06840     11.75789     12.04888     11.92592     11.19922      9.83749
8.26196      6.80323
  4215618.00 |      13.81106     16.24766     18.26219     19.16087     18.54716     16.33521     13.25806
10.43305      8.16012
  4215598.00 |      19.17589     24.68282     30.81970     35.63100     33.74862     25.45460     18.12270
13.05398      9.59125
  4215578.00 |      27.08966     39.01112     56.35132     71.59670     65.38647     40.47821     24.15376
15.75500     10.84994
  4215558.00 |      40.26255     67.90903     83.64251     89.75557     85.38909     59.92546     30.44535
18.05211     11.68759
  4215538.00 |      59.79411     82.84259    113.90966    120.40094    109.31661     75.53113     36.45284
19.54116     11.92167
  4215518.00 |      48.04167     96.05494    120.70098    135.89281    119.67089     86.82348     40.85840
19.63330     11.44167
  4215498.00 |      49.36182     73.37930     81.85718     87.24874     85.76535     64.67911     39.04122
17.72045     10.39745
  4215478.00 |      27.77249     47.26173     67.96358     72.93088     70.90075     58.73322     28.68859
15.10535      9.33399
  4215458.00 |      16.98461     25.18171     33.12520     38.00785     37.51106     30.35855     20.25625
12.67078      8.34494
  4215438.00 |      11.61434     15.79208     19.74157     22.09811     21.92038     19.03273     14.63133
10.42184      7.36332
  4215418.00 |       8.46447     10.87130     13.06032     14.39711     14.43908     13.14943     10.94967
8.50540      6.39603
  4215398.00 |       6.44573      7.91522      9.23744     10.07678     10.22223      9.61606      8.42228
6.95800      5.52483
  4215378.00 |       5.06574      6.01695      6.85616      7.40848      7.58090      7.30985      6.64242
5.73332      4.75486
  4215358.00 |       4.07105      4.71668      5.27595      5.66545      5.82553      5.71336      5.33469
4.76471      4.09403
  4215338.00 |       3.33872      3.78812      4.17709      4.45883      4.60359      4.57390      4.35812
3.99338      3.53527
  4215318.00 |       2.78411      3.10322      3.38032      3.59539      3.71847      3.72593      3.60119
3.36874      3.05567
  4215298.00 |       2.35182      2.58457      2.79133      2.95731      3.06126      3.08311      3.01637
2.86747      2.65295
  4215278.00 |       2.00925      2.18552      2.34183      2.47299      2.56082      2.59012      2.55549
2.45991      2.31256
  4215258.00 |       1.73393      1.86864      1.99145      2.09714      2.16969      2.20312      2.18749
2.12624      2.02476
  4215238.00 |       1.50840      1.61484      1.71333      1.79827      1.86173      1.89445      1.89009
1.85116      1.78242
  4215218.00 |       1.32304      1.40871      1.48910      1.55963      1.61395      1.64476      1.64703
1.62389      1.57658
  4215198.00 |       1.16914      1.23923      1.30470      1.36512      1.41185      1.44026      1.44632
1.43369      1.40121
  4215178.00 |       1.03922      1.09736      1.15326      1.20458      1.24501      1.26997      1.27986
1.27336      1.25204
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 258
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                               INCLUDING SOURCE(S):     L0000487    , L0000488    , L0000489    , L0000490    ,
L0000491    ,
               L0000492    , L0000493    , L0000494    , L0000495    , L0000496    , L0000497    , L0000498    ,
L0000499    ,
               L0000500    , L0000501    , L0000502    , L0000503    , L0000504    , L0000505    , L0000506    ,
L0000507    ,
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L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215158.00	0.93023	0.97912	1.02660	1.07060	1.10494	1.12837	1.13898	1.13727	1.12312
4215138.00	0.83805	0.88031	0.92108	0.95839	0.98842	1.00881	1.01953	1.01973	1.01127
4215118.00	0.75915	0.79518	0.83041	0.86291	0.88929	0.90704	0.91747	0.91936	0.91438
4215098.00	0.69092	0.72231	0.75307	0.78102	0.80377	0.81975	0.82918	0.83262	0.83007
4215078.00	0.63166	0.65906	0.68610	0.71077	0.73047	0.74438	0.75327	0.75723	0.75635
4215058.00	0.57987	0.60392	0.62741	0.64921	0.66677	0.67931	0.68758	0.69137	0.69163
4215038.00	0.53411	0.55592	0.57676	0.59588	0.61121	0.62277	0.63005	0.63391	0.63457
4215018.00	0.49378	0.51326	0.53245	0.54920	0.56307	0.57283	0.57974	0.58321	0.58437
4214998.00	0.45763	0.47591	0.49281	0.50841	0.52046	0.52888	0.53493	0.53829	0.53947
4214978.00	0.42540	0.44199	0.45815	0.47155	0.48273	0.48986	0.49540	0.49832	0.49943

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***

INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.72958	0.73432	0.73598	0.73238	0.72119	0.70159	0.67379	0.63962	0.60158
4215938.00	0.80438	0.80826	0.80747	0.79878	0.78073	0.75279	0.71674	0.67498	0.63113
4215918.00	0.89068	0.89264	0.88749	0.87181	0.84478	0.80680	0.76131	0.71196	0.66260
4215898.00	0.99058	0.98920	0.97707	0.95173	0.91308	0.86402	0.80838		

0.75128 0.69689
4215878.00 | 1.10625 1.09851 1.07668 1.03880 0.98665 0.92458 0.85877
0.79450 0.73557
4215858.00 | 1.24041 1.22320 1.18765 1.13334 1.06503 0.98931 0.91343
0.84277 0.77946
4215838.00 | 1.39643 1.36483 1.31020 1.23597 1.14947 1.05963 0.97432
0.89716 0.82976
4215818.00 | 1.57790 1.52529 1.44569 1.34783 1.24161 1.13760 1.04291
0.95952 0.88735
4215798.00 | 1.78945 1.70683 1.59628 1.47099 1.34404 1.22612 1.12157
1.03103 0.95245
4215778.00 | 2.03612 1.91300 1.76440 1.60873 1.46045 1.32739 1.21192
1.11200 1.02444
4215758.00 | 2.32342 2.14774 1.95450 1.76560 1.59400 1.44392 1.31437
1.20149 1.10095
4215738.00 | 2.65941 2.41773 2.17292 1.94679 1.74800 1.57620 1.42732
1.29632 1.17892
4215718.00 | 3.05571 2.73260 2.42713 2.15648 1.92299 1.72184 1.54685
1.39219 1.25427
4215698.00 | 3.52888 3.10397 2.72313 2.39484 2.11506 1.87475 1.66609
1.48331 1.32230
4215678.00 | 4.09998 3.54104 3.06048 2.65592 2.31520 2.02558 1.77717
1.56309 1.37809
4215658.00 | 4.78353 4.04166 3.42805 2.92479 2.50890 2.16181 1.87016
1.62434 1.41656
4215638.00 | 5.57408 4.58419 3.80033 3.17722 2.67579 2.26798 1.93417
1.65979 1.43303
4215618.00 | 6.42135 5.11701 4.13332 3.37928 2.79173 2.32849 1.95988
1.66422 1.42484
4215598.00 | 7.21512 5.55864 4.37021 3.49487 2.83659 2.33345 1.94345
1.63692 1.39300
4215578.00 | 7.80645 5.82011 4.46231 3.50146 2.80254 2.28242 1.88747
1.58203 1.34196
4215558.00 | 8.07276 5.84634 4.39306 3.40112 2.69879 2.18624 1.80256
1.50881 1.27955
4215538.00 | 7.94276 5.64143 4.18801 3.22236 2.55028 2.06533 1.70443
1.42903 1.21434
4215518.00 | 7.47738 5.27868 3.91358 3.01464 2.39199 1.94322 1.60887
1.35310 1.15329
4215498.00 | 6.87171 4.88810 3.65008 2.82647 2.25260 1.83721 1.52621
1.28763 1.10049
4215478.00 | 6.32611 4.56147 3.43974 2.67996 2.14461 1.75439 1.46107
1.23533 1.05776
4215458.00 | 5.84683 4.29440 3.27027 2.56730 2.06460 1.69314 1.41269
1.19603 1.02522
4215438.00 | 5.35612 4.02417 3.11258 2.46638 1.99665 1.64592 1.37636
1.16687 1.00097
4215418.00 | 4.83536 3.73017 2.93929 2.36309 1.93120 1.60172 1.34505
1.14310 0.98206
4215398.00 | 4.32752 3.42031 2.74765 2.24189 1.85533 1.55200 1.31216
1.11997 0.96491
4215378.00 | 3.85644 3.12249 2.54958 2.11051 1.76612 1.49279 1.27305
1.09363 0.94656
4215358.00 | 3.42868 2.84079 2.35781 1.97611 1.67065 1.42578 1.22574
1.06139 0.92471
4215338.00 | 3.04392 2.58072 2.17810 1.84523 1.57425 1.35344 1.17279
1.02287 0.89784
4215318.00 | 2.70026 2.34076 2.00884 1.72101 1.48007 1.28052 1.11724
0.98132 0.86698
4215298.00 | 2.39323 2.11964 1.85057 1.60506 1.39168 1.21184 1.06247
0.93831 0.83332
4215278.00 | 2.12454 1.91682 1.70187 1.49472 1.30909 1.14768 1.01120
0.89576 0.79896
4215258.00 | 1.88876 1.73205 1.56110 1.39109 1.23106 1.08689 0.96272
0.85607 0.76563
4215238.00 | 1.68394 1.56491 1.43200 1.29226 1.15640 1.02937 0.91669
0.81865 0.73405
4215218.00 | 1.50627 1.41677 1.31219 1.19830 1.08447 0.97414 0.87313
0.78309 0.70395

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                     *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 1.09784   1.05864   1.00847   0.94942   0.88482   0.81800   0.75016
0.68493   0.62387
  4215138.00 | 0.99332   0.96437   0.92538   0.87882   0.82604   0.77020   0.71203
0.65467   0.59964
  4215118.00 | 0.90180   0.88010   0.85032   0.81324   0.77071   0.72428   0.67476
0.62480   0.57572
  4215098.00 | 0.82141   0.80522   0.78261   0.75353   0.71894   0.68045   0.63854
0.59538   0.55201
  4215078.00 | 0.75017   0.73899   0.72157   0.69848   0.67076   0.63892   0.60358
0.56652   0.52852
  4215058.00 | 0.68761   0.67953   0.66654   0.64823   0.62575   0.59945   0.57006
0.53809   0.50504
  4215038.00 | 0.63211   0.62640   0.61656   0.60209   0.58389   0.56217   0.53724
0.51032   0.48174
  4215018.00 | 0.58274   0.57883   0.57117   0.56007   0.54535   0.52742   0.50651
0.48364   0.45903
  4214998.00 | 0.53867   0.53584   0.53043   0.52178   0.50991   0.49487   0.47757
0.45816   0.43701
  4214978.00 | 0.49922   0.49743   0.49354   0.48687   0.47711   0.46492   0.45042
0.43394   0.41559

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,

L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.56252	0.52502	0.49075	0.46023	0.43350
4215938.00	0.58804	0.54806	0.51244	0.48133	0.45409
4215918.00	0.61596	0.57393	0.53718	0.50531	0.47754
4215898.00	0.64720	0.60343	0.56552	0.53272	0.50369
4215878.00	0.68315	0.63758	0.59812	0.56349	0.53244
4215858.00	0.72433	0.67653	0.63476	0.59747	0.56333
4215838.00	0.77140	0.72056	0.67511	0.63383	0.59557
4215818.00	0.82467	0.76892	0.71836	0.67175	0.62802
4215798.00	0.88325	0.82067	0.76317	0.70978	0.65975
4215778.00	0.94581	0.87404	0.80779	0.74641	0.68936
4215758.00	1.00998	0.92676	0.85039	0.78012	0.71574
4215738.00	1.07274	0.97641	0.88883	0.80951	0.73788
4215718.00	1.13076	1.02024	0.92139	0.83325	0.75489
4215698.00	1.18047	1.05568	0.94613	0.84990	0.76550
4215678.00	1.21830	1.08031	0.96117	0.85810	0.76874
4215658.00	1.24073	1.09160	0.96482	0.85663	0.76385
4215638.00	1.24482	1.08778	0.95608	0.84498	0.75070
4215618.00	1.22948	1.06881	0.93544	0.82417	0.73044
4215598.00	1.19659	1.03681	0.90536	0.79645	0.70523
4215578.00	1.15054	0.99581	0.86934	0.76489	0.67766
4215558.00	1.09754	0.95089	0.83120	0.73241	0.64990
4215538.00	1.04391	0.90647	0.79414	0.70123	0.62350
4215518.00	0.99420	0.86554	0.76007	0.67260	0.59923
4215498.00	0.95101	0.82976	0.73011	0.64724	0.57759
4215478.00	0.91557	0.80008	0.70497	0.62572	0.55902
4215458.00	0.88819	0.77680	0.68497	0.60839	0.54388
4215438.00	0.86779	0.75928	0.66976	0.59505	0.53212
4215418.00	0.85217	0.74599	0.65818	0.58491	0.52312
4215398.00	0.83880	0.73508	0.64894	0.57689	0.51605
4215378.00	0.82540	0.72476	0.64072	0.57001	0.51011
4215358.00	0.81003	0.71373	0.63245	0.56349	0.50468
4215338.00	0.79149	0.70061	0.62305	0.55654	0.49933
4215318.00	0.76907	0.68461	0.61170	0.54843	0.49341
4215298.00	0.74334	0.66541	0.59767	0.53833	0.48616
4215278.00	0.71574	0.64376	0.58108	0.52593	0.47707
4215258.00	0.68793	0.62091	0.56270	0.51151	0.46605
4215238.00	0.66103	0.59809	0.54353	0.49575	0.45337
4215218.00	0.63563	0.57625	0.52459	0.47949	0.43980
4215198.00	0.61184	0.55574	0.50660	0.46368	0.42605
4215178.00	0.58950	0.53652	0.48977	0.44877	0.41274

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***

INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 ,

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*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	0.56823	0.51818	0.47400	0.43487	0.40023
4215138.00	0.54840	0.50149	0.45953	0.42197	0.38863
4215118.00	0.52900	0.48539	0.44580	0.40996	0.37785
4215098.00	0.50982	0.46965	0.43257	0.39847	0.36775
4215078.00	0.49077	0.45409	0.41965	0.38739	0.35813
4215058.00	0.47156	0.43861	0.40674	0.37655	0.34885
4215038.00	0.45228	0.42253	0.39371	0.36585	0.33979
4215018.00	0.43303	0.40676	0.38066	0.35502	0.33084
4214998.00	0.41435	0.39111	0.36765	0.34436	0.32192
4214978.00	0.39610	0.37565	0.35468	0.33354	0.31300

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***

INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	17.80233	539351.84	4215428.70	18.13608
539361.84	4215428.70	17.96829	539371.84	4215428.70	17.29615
539381.84	4215428.70	16.17492	539341.84	4215438.70	22.32912
539351.84	4215438.70	22.75398	539361.84	4215438.70	22.45427
539371.84	4215438.70	21.42886	539381.84	4215438.70	19.75601
539341.84	4215448.70	28.79628	539351.84	4215448.70	29.37418
539361.84	4215448.70	28.90072	539371.84	4215448.70	27.31922
539381.84	4215448.70	24.74175	539341.84	4215458.70	38.53461
539351.84	4215458.70	39.41875	539361.84	4215458.70	38.70353
539371.84	4215458.70	36.21634	539381.84	4215458.70	32.03931
539341.84	4215468.70	54.37525	539351.84	4215468.70	55.93357

539361.84	4215468.70	54.92524	539371.84	4215468.70	50.85941
539381.84	4215468.70	43.62789	539113.88	4215517.52	1.09292
539096.52	4215515.99	0.91283	539108.26	4215501.18	1.00191
539096.01	4215500.67	0.88715	539108.26	4215486.38	0.98460
539094.47	4215485.36	0.86058	539135.32	4215461.36	1.26743
539150.13	4215439.91	1.42712	539114.39	4215452.68	1.00497
539123.07	4215439.40	1.07071	539159.32	4215421.02	1.48893
539145.02	4215416.43	1.26079	539134.30	4215410.81	1.11469
539131.75	4215425.11	1.13072	539206.80	4215383.75	2.16692
539215.99	4215372.52	2.26554	539188.93	4215382.22	1.74698
539176.17	4215379.67	1.50392	539165.44	4215376.09	1.32800
539248.79	4215356.71	2.91478	539243.45	4215348.45	2.59712
539265.58	4215345.25	3.09602	539260.78	4215338.05	2.79937
539256.25	4215351.38	3.00116	539272.77	4215331.92	2.91892
539264.78	4215324.99	2.59969	539280.77	4215321.79	2.82185
539279.97	4215307.14	2.47974	539287.97	4215313.80	2.74591
539297.83	4215304.74	2.66812	539289.56	4215296.21	2.38305
539311.15	4215287.68	2.43328	539303.69	4215281.28	2.24117
539303.69	4215296.21	2.54224	539314.25	4215271.79	2.15497
539329.09	4215260.48	2.06035	539339.69	4215237.16	1.77118
539357.36	4215232.92	1.77670	539394.11	4215199.70	1.46191
539044.99	4215579.21	0.69225	539034.39	4215591.93	0.66238
539054.88	4215556.59	0.69819	539058.42	4215538.92	0.68416
539054.88	4215520.55	0.63901	539082.44	4215477.44	0.76761
539073.96	4215466.13	0.70787	539098.70	4215440.69	0.85110
539109.30	4215426.56	0.91523	539117.07	4215415.96	0.96100
539125.55	4215401.11	0.99868	539158.77	4215367.19	1.20106
539150.29	4215357.30	1.06926	539184.21	4215339.63	1.36850
539222.37	4215324.79	1.83019	539243.58	4215317.72	2.09770

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***

INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 ,

L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 ,
L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 ,
L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	1.38870	539364.42	4215191.93	1.35838
539344.64	4215200.41	1.38855	539409.65	4215113.48	0.89771
539355.94	4215136.80	0.97103	539262.66	4215288.75	1.94983
539282.44	4215261.19	1.76182	539299.41	4215235.04	1.55850
539168.48	4215647.44	3.33307	538949.25	4216163.17	0.25076
539352.01	4215796.95	1.79298	539358.95	4215583.01	56.73092
539293.80	4215538.56	74.87451	539260.82	4215517.04	24.50003
539279.41	4215503.60	41.75105	539292.18	4215495.55	53.07314
539318.95	4215487.21	72.42423	539337.11	4215482.84	77.54944
539356.14	4215482.00	78.63830	539369.89	4215483.02	74.59337
539384.66	4215486.57	51.21716	539391.49	4215490.91	57.06260
539342.66	4215571.90	80.53831	539326.38	4215560.79	82.31924
539310.09	4215549.67	85.40222	539277.31	4215527.80	49.99216
539270.11	4215510.32	33.42421	539305.56	4215491.38	66.25333
539384.98	4215509.33	78.16210	539378.47	4215527.75	91.36715
539371.97	4215546.17	89.78667	539365.46	4215564.59	79.14355

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3 ***
INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 ,
L0000355 ,
L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 ,
L0000363 ,
L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 ,
L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	0.24148	0.25985	0.27894	0.29888	0.31900	0.33961	0.36063	0.38219	0.40441
4215938.00	0.23813	0.25771	0.27835	0.30019	0.32253	0.34563	0.36940	0.39393	0.41940
4215918.00	0.23317	0.25350	0.27553	0.29906	0.32351	0.34914	0.37581	0.40358	0.43238
4215898.00	0.22673	0.24766	0.27056	0.29542	0.32168	0.34948	0.37902	0.41038	0.44304
4215878.00	0.21940	0.24040	0.26370	0.28924	0.31702	0.34696	0.37934	0.41383	0.45049
4215858.00	0.21140	0.23210	0.25535	0.28119	0.30973	0.34124	0.37574	0.41341	0.45364
4215838.00	0.20305	0.22317	0.24581	0.27158	0.30045	0.33265	0.36876	0.40845	0.45222
4215818.00	0.19459	0.21392	0.23581	0.26092	0.28938	0.32173	0.35862	0.39967	0.44553
4215798.00	0.18621	0.20449	0.22554	0.24970	0.27727	0.30915	0.34576	0.38713	0.43391
4215778.00	0.17797	0.19536	0.21531	0.23829	0.26466	0.29516	0.33049	0.37116	0.41814
4215758.00	0.17027	0.18660	0.20537	0.22690	0.25182	0.28059	0.31433	0.35350	0.39929
4215738.00	0.16314	0.17846	0.19600	0.21613	0.23933	0.26635	0.29796	0.33508	0.37912
4215718.00	0.15650	0.17113	0.18732	0.20617	0.22759	0.25273	0.28201	0.31672	0.35812
4215698.00	0.15057	0.16414	0.17976	0.19725	0.21708	0.24018	0.26725	0.29940	0.33813
4215678.00	0.14526	0.15806	0.17294	0.18946	0.20783	0.22916	0.25412	0.28374	0.31916
4215658.00	0.14001	0.15252	0.16665	0.18256	0.19967	0.21946	0.24250	0.26953	0.30238
4215638.00	0.13517	0.14735	0.16072	0.17560	0.19162	0.21005	0.23139	0.25686	0.28769
4215618.00	0.13099	0.14234	0.15479	0.16922	0.18432	0.20162	0.22155	0.24543	0.27447
4215598.00	0.12695	0.13740	0.14936	0.16313	0.17741	0.19371	0.21244	0.23487	0.26222
4215578.00	0.12307	0.13282	0.14406	0.15744	0.17097	0.18638	0.20404	0.22512	0.25020
4215558.00	0.11936	0.12871	0.13948	0.15169	0.16453	0.17912	0.19579	0.21607	0.23991
4215538.00	0.11565	0.12488	0.13527	0.14702	0.15931	0.17326	0.18916	0.20739	0.23076
4215518.00	0.11255	0.12152	0.13162	0.14270	0.15490	0.16835	0.18368	0.20170	0.22304
4215498.00	0.11009	0.11890	0.12851	0.13967	0.15161	0.16516	0.18019	0.19835	0.21936
4215478.00	0.10852	0.11726	0.12680	0.13787	0.14973	0.16357	0.17895	0.19660	0.21749
4215458.00	0.10795	0.11644	0.12625	0.13733	0.14955	0.16343	0.17928	0.19700	0.21741
4215438.00	0.10799	0.11674	0.12658	0.13766	0.14988	0.16411	0.17994	0.19805	0.21788
4215418.00	0.10868	0.11742	0.12721	0.13794	0.15032	0.16435	0.18030	0.19809	0.21751
4215398.00	0.10927	0.11790	0.12752	0.13804	0.15012	0.16375	0.17883	0.19596	0.21460
4215378.00	0.10935	0.11774	0.12685	0.13724	0.14888	0.16198	0.17645	0.19288	0.21077
4215358.00	0.10872	0.11660	0.12554	0.13551	0.14667	0.15895	0.17319	0.18906	0.20643

  4215338.00 | 0.10741   0.11497   0.12356   0.13316   0.14370   0.15589   0.16981
0.18542   0.20260
  4215318.00 | 0.10550   0.11298   0.12133   0.13072   0.14109   0.15289   0.16639
0.18191   0.19900
  4215298.00 | 0.10368   0.11103   0.11931   0.12845   0.13885   0.15070   0.16394
0.17906   0.19662
  4215278.00 | 0.10211   0.10949   0.11766   0.12712   0.13741   0.14907   0.16225
0.17706   0.19394
  4215258.00 | 0.10104   0.10857   0.11689   0.12647   0.13681   0.14814   0.16070
0.17480   0.19052
  4215238.00 | 0.10056   0.10806   0.11663   0.12618   0.13613   0.14724   0.15910
0.17213   0.18640
  4215218.00 | 0.10052   0.10806   0.11652   0.12578   0.13543   0.14580   0.15667
0.16843   0.18119
  4215198.00 | 0.10051   0.10802   0.11613   0.12483   0.13374   0.14316   0.15329
0.16380   0.17521
  4215178.00 | 0.10047   0.10758   0.11513   0.12294   0.13114   0.13973   0.14877
0.15837   0.16849

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                                INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538744.00   538764.00   538784.00   538804.00   538824.00   538844.00   538864.00
538884.00   538904.00
 -
- - - - - - - -

  4215158.00 | 0.09995   0.10652   0.11326   0.12041   0.12788   0.13555   0.14384
0.15259   0.16175
  4215138.00 | 0.09884   0.10478   0.11082   0.11720   0.12387   0.13076   0.13833
0.14646   0.15540
  4215118.00 | 0.09712   0.10233   0.10781   0.11352   0.11953   0.12584   0.13292
0.14072   0.14948
  4215098.00 | 0.09478   0.09952   0.10443   0.10959   0.11498   0.12104   0.12788
0.13557   0.14459
  4215078.00 | 0.09217   0.09641   0.10086   0.10549   0.11071   0.11660   0.12339
0.13116   0.14035
  4215058.00 | 0.08930   0.09315   0.09727   0.10167   0.10677   0.11265   0.11938
0.12751   0.13716
  4215038.00 | 0.08632   0.08990   0.09372   0.09816   0.10329   0.10930   0.11624
0.12462   0.13458
  4215018.00 | 0.08336   0.08670   0.09058   0.09508   0.10035   0.10643   0.11376
0.12244   0.13272
  4214998.00 | 0.08055   0.08388   0.08784   0.09249   0.09785   0.10429   0.11190
0.12089   0.13135
  4214978.00 | 0.07792   0.08143   0.08555   0.09040   0.09600   0.10270   0.11060
0.11977   0.13062

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                              INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
               L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
               L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
               L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538924.00   538944.00   538964.00   538984.00   539004.00   539024.00   539044.00
539064.00   539084.00
 -
- - - - - - - -

  4215958.00 | 0.42660   0.44840   0.46951   0.48949   0.50798   0.52467   0.53967
0.55284   0.56470
  4215938.00 | 0.44499   0.47078   0.49597   0.52029   0.54331   0.56448   0.58386
0.60075   0.61568
  4215918.00 | 0.46213   0.49228   0.52210   0.55138   0.57970   0.60636   0.63137
0.65339   0.67270
  4215898.00 | 0.47709   0.51211   0.54687   0.58178   0.61622   0.64974   0.68147
0.71048   0.73599
  4215878.00 | 0.48889   0.52913   0.56967   0.61096   0.65243   0.69329   0.73388
0.77152   0.80534
  4215858.00 | 0.49674   0.54223   0.58909   0.63753   0.68701   0.73675   0.78728
0.83563   0.87989
  4215838.00 | 0.49942   0.55011   0.60360   0.65983   0.71826   0.77815   0.84016
0.90139   0.95910
  4215818.00 | 0.49601   0.55166   0.61163   0.67591   0.74401   0.81524   0.89042
0.96588   1.04087
  4215798.00 | 0.48708   0.54629   0.61193   0.68389   0.76183   0.84519   0.93500
1.02758   1.12219
  4215778.00 | 0.47222   0.53372   0.60392   0.68282   0.76997   0.86612   0.97088
1.08254   1.19912
  4215758.00 | 0.45313   0.51554   0.58792   0.67126   0.76688   0.87411   0.99417
1.12508   1.26597
  4215738.00 | 0.43117   0.49277   0.56513   0.65080   0.75107   0.86737   1.00000
1.14998   1.31691
  4215718.00 | 0.40774   0.46673   0.53786   0.62269   0.72481   0.84578   0.98708
1.15298   1.34311
  4215698.00 | 0.38415   0.43988   0.50735   0.58885   0.68871   0.81043   0.95578
1.13096   1.34006
  4215678.00 | 0.36188   0.41346   0.47621   0.55260   0.64736   0.76484   0.90823
1.08605   1.30566
  4215658.00 | 0.34154   0.38880   0.44594   0.51664   0.60441   0.71362   0.84967
1.02215   1.24151
  4215638.00 | 0.32360   0.36643   0.41881   0.48315   0.56310   0.66293   0.78818
0.94914   1.15816
  4215618.00 | 0.30796   0.34723   0.39501   0.45341   0.52514   0.61579   0.72872
0.87452   1.06581
  4215598.00 | 0.29350   0.33047   0.37437   0.42767   0.49265   0.57433   0.67535
0.80529   0.97577
  4215578.00 | 0.28033   0.31555   0.35639   0.40503   0.46489   0.53901   0.62976
0.74548   0.89608
  4215558.00 | 0.26831   0.30187   0.34038   0.38616   0.44152   0.50962   0.59217
0.69642   0.83061

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  4215538.00 |       0.25789      0.29009      0.32677      0.37092      0.42288      0.48581      0.56215
0.65777      0.77969
  4215518.00 |       0.24970      0.27951      0.31619      0.35929      0.40967      0.46966      0.54210
0.63239      0.74679
  4215498.00 |       0.24481      0.27439      0.30906      0.35151      0.40090      0.46058      0.53103
0.61858      0.72912
  4215478.00 |       0.24119      0.27072      0.30526      0.34715      0.39631      0.45645      0.52576
0.61161      0.71955
  4215458.00 |       0.24108      0.26869      0.30311      0.34358      0.39289      0.45257      0.52020
0.60353      0.70769
  4215438.00 |       0.24075      0.26790      0.29965      0.34001      0.38785      0.44587      0.51083
0.59050      0.68962
  4215418.00 |       0.23980      0.26554      0.29615      0.33364      0.38011      0.43367      0.49539
0.57094      0.66456
  4215398.00 |       0.23596      0.26058      0.29047      0.32644      0.36932      0.42189      0.48103
0.55306      0.64138
  4215378.00 |       0.23129      0.25504      0.28397      0.31886      0.35962      0.40935      0.46588
0.53375      0.61535
  4215358.00 |       0.22646      0.24973      0.27813      0.31158      0.35182      0.39938      0.45254
0.51499      0.58850
  4215338.00 |       0.22246      0.24551      0.27340      0.30584      0.34414      0.38843      0.43698
0.49297      0.55818
  4215318.00 |       0.21907      0.24167      0.26850      0.29963      0.33499      0.37512      0.41849
0.46913      0.52847
  4215298.00 |       0.21614      0.23813      0.26321      0.29169      0.32352      0.35869      0.39869
0.44433      0.49866
  4215278.00 |       0.21268      0.23337      0.25612      0.28164      0.30950      0.34149      0.37775
0.42063      0.47264
  4215258.00 |       0.20795      0.22656      0.24721      0.26997      0.29502      0.32424      0.35800
0.39937      0.44943
  4215238.00 |       0.20202      0.21860      0.23705      0.25723      0.28067      0.30812      0.34102
0.38053      0.43000
  4215218.00 |       0.19486      0.20970      0.22614      0.24517      0.26738      0.29386      0.32548
0.36490      0.41323
  4215198.00 |       0.18729      0.20058      0.21591      0.23408      0.25568      0.28179      0.31319
0.35211      0.39908
  4215178.00 |       0.17960      0.19183      0.20657      0.22437      0.24582      0.27149      0.30325
0.34154      0.38660
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 268
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                               INCLUDING SOURCE(S):     L0000351    , L0000352    , L0000353    , L0000354    ,
L0000355    ,
                L0000356    , L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    ,
L0000363    ,
                L0000364    , L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    ,
L0000371    ,
                L0000372    , L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538924.00    538944.00    538964.00    538984.00    539004.00    539024.00    539044.00
539064.00    539084.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       0.17204      0.18388      0.19844      0.21624      0.23746      0.26366      0.29522
0.33243      0.37462
```

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                              INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
               L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
               L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
               L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215958.00 | 0.57571   0.58605   0.59572   0.60435   0.61155   0.61716   0.62175
0.62649   0.63292
  4215938.00 | 0.62911   0.64145   0.65296   0.66340   0.67240   0.67958   0.68527
0.69068   0.69750
  4215918.00 | 0.68965   0.70479   0.71868   0.73128   0.74250   0.75164   0.75889
0.76527   0.77267
  4215898.00 | 0.75798   0.77722   0.79442   0.80993   0.82375   0.83541   0.84474
0.85252   0.86074
  4215878.00 | 0.83460   0.86000   0.88204   0.90160   0.91886   0.93360   0.94557
0.95535   0.96483
  4215858.00 | 0.91974   0.95394   0.98338   1.00875   1.03068   1.04952   1.06504
1.07755   1.08890
  4215838.00 | 1.01251   1.05920   1.09977   1.13415   1.16308   1.18752   1.20776
1.22416   1.23839
  4215818.00 | 1.11179   1.17597   1.23236   1.28034   1.32018   1.35313   1.38008
1.40200   1.42037
  4215798.00 | 1.21516   1.30208   1.38129   1.44988   1.50680   1.55286   1.59015
1.62025   1.64494
  4215778.00 | 1.31854   1.43473   1.54451   1.64297   1.72607   1.79417   1.84814
1.89104   1.92549
  4215758.00 | 1.41508   1.56836   1.71849   1.85866   1.98144   2.08474   2.16690
2.22986   2.28139

```
  4215738.00 |       1.49894      1.69466      1.89561      2.09114      2.27249      2.43098      2.56094
2.66052      2.74002
  4215718.00 |       1.55960      1.80220      2.06170      2.33154      2.59354      2.83534      3.04439
3.21019      3.34068
  4215698.00 |       1.58762      1.87725      2.20301      2.56054      2.92965      3.29169      3.62948
3.91330      4.14143
  4215678.00 |       1.57606      1.90492      2.29774      2.75245      3.25364      3.78346      4.31144
4.79950      5.21013
  4215658.00 |       1.52170      1.87938      2.32673      2.87587      3.52451      4.26709      5.06918
5.87628      6.62131
  4215638.00 |       1.43325      1.79858      2.27812      2.89900      3.69511      4.67588      5.83134
7.11579      8.43728
  4215618.00 |       1.32242      1.67364      2.15426      2.81113      3.71292      4.92522      6.49280
8.42761     10.64564
  4215598.00 |       1.20588      1.52594      1.97345      2.61873      3.55758      4.92847      6.89643
9.62715     13.15237
  4215578.00 |       1.09836      1.37787      1.77675      2.36226      3.25291      4.64385      6.87986
10.44212     15.79566
  4215558.00 |       1.00889      1.25268      1.59795      2.10411      2.87814      4.14925      6.36203
10.44831     18.09394
  4215538.00 |       0.93990      1.15824      1.46096      1.89774      2.55536      3.63002      5.54295
9.37668     18.40549
  4215518.00 |       0.89602      1.09759      1.37367      1.76220      2.34511      3.26941      4.86738
7.99691     15.62720
  4215498.00 |       0.87263      1.06526      1.32446      1.69141      2.23046      3.06857      4.46325
7.09694     12.92043
  4215478.00 |       0.85930      1.04505      1.29291      1.63975      2.14104      2.90210      4.12090
6.27459     10.45960
  4215458.00 |       0.84248      1.01888      1.25408      1.57626      2.03163      2.69391      3.71924
5.40166      8.33462
  4215438.00 |       0.81743      0.98456      1.20400      1.49661      1.89454      2.46133      3.29961
4.60578      6.66171
  4215418.00 |       0.78515      0.94325      1.14481      1.40418      1.74731      2.22487      2.91399
3.92705      5.39802
  4215398.00 |       0.75297      0.89630      1.07646      1.30194      1.59965      2.00651      2.57902
3.37530      4.43964
  4215378.00 |       0.71717      0.84442      0.99998      1.20092      1.46275      1.81443      2.28951
2.92041      3.70095
  4215358.00 |       0.67716      0.79028      0.92748      1.10680      1.34081      1.64569      2.04486
2.54182      3.12007
  4215338.00 |       0.63681      0.73585      0.86112      1.02363      1.23405      1.50059      1.83227
2.22309      2.65498
  4215318.00 |       0.59989      0.68978      0.80515      0.95214      1.14078      1.37365      1.64942
1.95711      2.28040
  4215298.00 |       0.56516      0.64979      0.75587      0.89122      1.05879      1.25913      1.48495
1.72887      1.97280
  4215278.00 |       0.53616      0.61593      0.71578      0.83810      0.98495      1.15473      1.33858
1.53258      1.72024
  4215258.00 |       0.51167      0.58711      0.68019      0.78937      0.91657      1.05913      1.20951
1.36354      1.50811
  4215238.00 |       0.49019      0.56182      0.64726      0.74397      0.85275      0.97059      1.09363
1.21666      1.33044
  4215218.00 |       0.47103      0.53858      0.61568      0.70070      0.79310      0.89036      0.99011
1.08903      1.17963
  4215198.00 |       0.45384      0.51630      0.58474      0.65812      0.73627      0.81728      0.89858
0.97805      1.05195
  4215178.00 |       0.43759      0.49386      0.55420      0.61763      0.68384      0.75108      0.81836
0.88287      0.94259
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 270
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                               INCLUDING SOURCE(S):     L0000351    , L0000352    , L0000353    , L0000354    ,
```

L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539104.00   539124.00   539144.00   539164.00   539184.00   539204.00   539224.00
539244.00   539264.00
 -
- - - - - - - -

  4215158.00 | 0.42153   0.47176   0.52416   0.57895   0.63527   0.69188   0.74686
0.80025   0.84971
  4215138.00 | 0.40522   0.44925   0.49488   0.54239   0.59006   0.63819   0.68420
0.72831   0.77003
  4215118.00 | 0.38854   0.42716   0.46704   0.50775   0.54912   0.58971   0.62845
0.66532   0.70055
  4215098.00 | 0.37158   0.40518   0.44020   0.47595   0.51171   0.54608   0.57898
0.61023   0.64007
  4215078.00 | 0.35456   0.38418   0.41492   0.44654   0.47725   0.50679   0.53454
0.56120   0.58758
  4215058.00 | 0.33774   0.36410   0.39129   0.41912   0.44587   0.47105   0.49484
0.51743   0.54061
  4215038.00 | 0.32184   0.34510   0.36931   0.39364   0.41702   0.43881   0.45929
0.47879   0.49905
  4215018.00 | 0.30660   0.32727   0.34869   0.37026   0.39075   0.40966   0.42736
0.44430   0.46214
  4214998.00 | 0.29215   0.31061   0.32985   0.34879   0.36677   0.38322   0.39859
0.41339   0.42900
  4214978.00 | 0.27853   0.29531   0.31242   0.32925   0.34486   0.35920   0.37258
0.38561   0.39955

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                                INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539284.00   539304.00   539324.00   539344.00   539364.00   539384.00   539404.00
539424.00   539444.00
 -
- - - - - - - -

  4215958.00 | 0.64204   0.65406   0.66810   0.68238   0.69522   0.70561   0.71353
0.72013   0.72628

4215938.00	0.70711	0.71999	0.73536	0.75118	0.76559	0.77719	0.78629	0.79388	0.80101
4215918.00	0.78286	0.79670	0.81352	0.83122	0.84728	0.86041	0.87078	0.87971	0.88807
4215898.00	0.87165	0.88656	0.90503	0.92486	0.94309	0.95791	0.97001	0.98035	0.98998
4215878.00	0.97666	0.99278	1.01316	1.03549	1.05642	1.07353	1.08754	1.09931	1.10967
4215858.00	1.10208	1.11966	1.14217	1.16745	1.19151	1.21155	1.22767	1.24115	1.25185
4215838.00	1.25347	1.27288	1.29793	1.32656	1.35451	1.37813	1.39699	1.41184	1.42130
4215818.00	1.43842	1.46027	1.48827	1.52105	1.55382	1.58188	1.60370	1.61925	1.62513
4215798.00	1.66738	1.69266	1.72434	1.76219	1.80080	1.83413	1.85906	1.87413	1.87129
4215778.00	1.95495	1.98537	2.02188	2.06587	2.11185	2.15159	2.17964	2.19005	2.17037
4215758.00	2.32251	2.36083	2.40392	2.45568	2.51098	2.55825	2.58721	2.58551	2.53455
4215738.00	2.80126	2.85278	2.90577	2.96766	3.03476	3.09000	3.11431	3.08550	2.97938
4215718.00	3.43782	3.51368	3.58299	3.65879	3.74061	3.80209	3.80857	3.72410	3.52518
4215698.00	4.30488	4.42660	4.52638	4.62252	4.72292	4.78278	4.74187	4.54867	4.19684
4215678.00	5.51793	5.73213	5.89206	6.02437	6.14403	6.18017	6.02644	5.62637	5.03280
4215658.00	7.23187	7.67913	7.97031	8.17535	8.30672	8.25674	7.84335	7.05544	6.08482
4215638.00	9.66561	10.66821	11.33537	11.70977	11.82985	11.51266	10.49394	8.97866	7.41628
4215618.00	13.03103	15.34194	17.18645	18.17498	18.19315	17.01848	14.49027	11.58317	9.06117
4215598.00	17.48106	22.55555	27.91116	31.80745	31.60086	27.24761	20.62717	14.98450	10.92012
4215578.00	23.30498	33.59213	47.80974	65.17285	71.93642	48.16619	29.49775	18.81769	12.62324
4215558.00	31.37535	52.25421	87.78361	108.96575	102.91823	83.43790	39.34492	21.94081	13.61025
4215538.00	42.76474	81.16697	106.77355	137.02506	142.58428	105.37540	47.66730	23.28762	13.51990
4215518.00	46.26813	65.12771	119.14965	152.07459	158.01166	102.42066	49.42395	21.98588	12.46133
4215498.00	30.56386	69.77180	103.83390	101.73341	91.94154	86.40178	38.99875	18.88404	11.13986
4215478.00	19.60622	36.24123	52.60947	63.95297	62.83790	48.55724	27.97162	15.95366	10.00003
4215458.00	13.40400	20.67713	28.11750	32.91627	33.00117	27.85976	19.95353	13.19108	8.85851
4215438.00	9.71506	13.54262	17.38043	19.92324	20.19448	18.08188	14.50743	10.73271	7.73394
4215418.00	7.34252	9.60168	11.76011	13.23255	13.56983	12.68135	10.87989	8.69396	6.65945
4215398.00	5.73474	7.13487	8.44687	9.36691	9.69587	9.32988	8.36666	7.07039	5.71129
4215378.00	4.59047	5.50442	6.34043	6.94216	7.22637	7.10667	6.58732	5.79529	4.88341
4215358.00	3.73964	4.36279	4.92154	5.34265	5.57210	5.55618	5.27755	4.79259	4.17905
4215338.00	3.09873	3.53412	3.92372	4.22663	4.41586	4.44844	4.30079	3.99865	3.58815
4215318.00	2.60478	2.91499	3.19327	3.42298	3.57575	3.62450	3.54639	3.35981	3.08528
4215298.00	2.21445	2.44129	2.64923	2.82576	2.95027	3.00032	2.96595	2.85049	2.66646
4215278.00	1.90183	2.07391	2.23139	2.37036	2.47287	2.52200	2.51021	2.43899	2.31534
4215258.00	1.64842	1.78010	1.90392	2.01554	2.09888	2.14660	2.14740		

2.10399 2.02072
4215238.00 | 1.43932 1.54343 1.64278 1.73237 1.80391 1.84717 1.85484
1.82911 1.77432
4215218.00 | 1.26646 1.35030 1.43141 1.50565 1.56619 1.60493 1.61616
1.60291 1.56628
4215198.00 | 1.12228 1.19090 1.25706 1.32037 1.37200 1.40648 1.41931
1.41415 1.38990
4215178.00 | 1.00045 1.05754 1.11393 1.16706 1.21143 1.24113 1.25620
1.25540 1.24046

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3 ***

INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 , L0000355 ,
L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 ,
L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)									
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00	
4215158.00	0.89799	0.94620	0.99416	1.03931	1.07642	1.10360	1.11823	1.12090	1.11171	
4215138.00	0.81075	0.85229	0.89349	0.93215	0.96417	0.98742	1.00128	1.00487	1.00029	
4215118.00	0.73572	0.77136	0.80733	0.84087	0.86876	0.88865	0.90140	0.90592	0.90399	
4215098.00	0.67044	0.70175	0.73321	0.76252	0.78709	0.80466	0.81514	0.82049	0.82032	
4215078.00	0.61370	0.64122	0.66890	0.69476	0.71661	0.73243	0.74163	0.74629	0.74729	
4215058.00	0.56390	0.58806	0.61268	0.63594	0.65552	0.66971	0.67783	0.68181	0.68324	
4215038.00	0.52021	0.54163	0.56357	0.58460	0.60180	0.61449	0.62195	0.62566	0.62689	
4215018.00	0.48080	0.50091	0.52051	0.53900	0.55486	0.56596	0.57266	0.57618	0.57745	
4214998.00	0.44597	0.46415	0.48256	0.49912	0.51297	0.52295	0.52929	0.53236	0.53357	
4214978.00	0.41488	0.43141	0.44815	0.46380	0.47601	0.48473	0.49050	0.49347	0.49454	

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3 ***

INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 ,

L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	0.73264	0.73857	0.74252	0.74216	0.73465	0.71837	0.69284	0.65949	0.62090
4215938.00	0.80828	0.81413	0.81658	0.81207	0.79822	0.77355	0.73915	0.69730	0.65197
4215918.00	0.89592	0.90093	0.90023	0.88964	0.86708	0.83192	0.78709	0.73649	0.68466
4215898.00	0.99791	1.00100	0.99472	0.97524	0.94092	0.89367	0.83733	0.77768	0.71992
4215878.00	1.11689	1.11549	1.10087	1.06918	1.02053	0.95873	0.89051	0.82242	0.75943
4215858.00	1.25613	1.24738	1.22017	1.17169	1.10525	1.02765	0.94755	0.87196	0.80426
4215838.00	1.41973	1.39878	1.35300	1.28313	1.19592	1.10169	1.01046	0.92772	0.85595
4215818.00	1.61219	1.57209	1.50061	1.40422	1.29391	1.18294	1.08111	0.99199	0.91582
4215798.00	1.83915	1.76985	1.66470	1.53652	1.40166	1.27466	1.16250	1.06659	0.98454
4215778.00	2.10670	1.99545	1.84713	1.68303	1.52325	1.37997	1.25716	1.15250	1.06178
4215758.00	2.42124	2.25240	2.05177	1.84860	1.66304	1.50270	1.36649	1.24918	1.14520
4215738.00	2.79118	2.54663	2.28510	2.03990	1.82629	1.64486	1.48957	1.35345	1.23120
4215718.00	3.22799	2.88777	2.55652	2.26407	2.01594	1.80508	1.62224	1.46017	1.31481
4215698.00	3.74861	3.29001	2.87659	2.52535	2.22979	1.97696	1.75653	1.56224	1.39046
4215678.00	4.37795	3.76995	3.25159	2.82024	2.45811	2.14904	1.88245	1.65191	1.45269
4215658.00	5.14438	4.33714	3.67487	3.13257	2.68278	2.30575	1.98836	1.72110	1.49598
4215638.00	6.06411	4.97688	4.11752	3.43189	2.87848	2.42867	2.06169	1.76143	1.51466
4215618.00	7.10137	5.63190	4.52369	3.67411	3.01478	2.49831	2.09047	1.76570	1.50464
4215598.00	8.12434	6.18914	4.81197	3.80852	3.06301	2.49992	2.06799	1.73182	1.46650
4215578.00	8.88285	6.50025	4.90576	3.80047	3.01118	2.43227	1.99815	1.66578	1.40672
4215558.00	9.11817	6.46034	4.77980	3.65609	2.87499	2.31293	1.89684	1.58095	1.33600
4215538.00	8.74430	6.10528	4.48844	3.42694	2.69465	2.17163	1.78538	1.49222	1.26462
4215518.00	8.02047	5.61856	4.14685	3.18488	2.51678	2.03696	1.68142	1.41043	1.19945
4215498.00	7.32922	5.18794	3.86109	2.98220	2.36953	1.92595	1.59482	1.34196	1.14430
4215478.00	6.77407	4.86205	3.65134	2.83220	2.25997	1.84323	1.52946	1.28907	1.10092
4215458.00	6.24022	4.58062	3.47552	2.71754	2.17875	1.78193	1.48246		

```
1.25068      1.06886
  4215438.00 |       5.66722      4.26621      3.29844      2.60805      2.10532      1.73251      1.44626
1.22245      1.04529
  4215418.00 |       5.07283      3.92400      3.09516      2.48932      2.03269      1.68414      1.41241
1.19831      1.02664
  4215398.00 |       4.51298      3.57655      2.87551      2.34805      1.94474      1.62664      1.37501
1.17273      1.00868
  4215378.00 |       4.00079      3.25219      2.65702      2.20003      1.84191      1.55758      1.32923
1.14169      0.98793
  4215358.00 |       3.53808      2.94818      2.45047      2.05357      1.73574      1.48155      1.27390
1.10356      0.96202
  4215338.00 |       3.12374      2.66753      2.25817      1.91345      1.63179      1.40179      1.21435
1.05923      0.93043
  4215318.00 |       2.75601      2.40854      2.07662      1.78153      1.53137      1.32335      1.15378
1.01325      0.89565
  4215298.00 |       2.43009      2.17060      1.90617      1.65803      1.43820      1.25117      1.09562
0.96703      0.85877
  4215278.00 |       2.14728      1.95365      1.74596      1.53980      1.35083      1.18406      1.04216
0.92213      0.82216
  4215258.00 |       1.90124      1.75753      1.59485      1.42831      1.26764      1.12016      0.99166
0.88096      0.78736
  4215238.00 |       1.68926      1.58163      1.45707      1.32209      1.18758      1.05917      0.94355
0.84207      0.75454
  4215218.00 |       1.50672      1.42697      1.33016      1.22153      1.11034      1.00019      0.89761
0.80500      0.72310
  4215198.00 |       1.34850      1.28853      1.21335      1.12790      1.03538      0.94281      0.85308
0.76963      0.69404
  4215178.00 |       1.21122      1.16672      1.10821      1.03992      0.96457      0.88704      0.80955
0.73487      0.66631
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE 274
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                                  INCLUDING SOURCE(S):     L0000351    , L0000352    , L0000353    , L0000354    ,
L0000355    ,
                 L0000356    , L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    ,
L0000363    ,
                 L0000364    , L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    ,
L0000371    ,
                 L0000372    , L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    ,
. . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                               X-COORD (METERS)
    (METERS) |     539464.00    539484.00    539504.00    539524.00    539544.00    539564.00    539584.00
539604.00    539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       1.09189      1.05824      1.01324      0.95863      0.89753      0.83311      0.76643
0.70126      0.63941
  4215138.00 |       0.98672      0.96234      0.92775      0.88512      0.83563      0.78230      0.72569
0.66894      0.61370
  4215118.00 |       0.89492      0.87699      0.85093      0.81728      0.77774      0.73376      0.68601
0.63705      0.58822
  4215098.00 |       0.81450      0.80142      0.78196      0.75585      0.72393      0.68774      0.64764
0.60571      0.56294
  4215078.00 |       0.74338      0.73478      0.72003      0.69950      0.67414      0.64439      0.61081
0.57509      0.53792
  4215058.00 |       0.68103      0.67510      0.66437      0.64828      0.62787      0.60344      0.57570
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3 ***

INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 , L0000355 ,
L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 ,
L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.00	0.58029	0.54074	0.50438	0.47203	0.44383
4215938.00	0.60660	0.56416	0.52631	0.49340	0.46482
4215918.00	0.63513	0.59039	0.55141	0.51789	0.48893
4215898.00	0.66692	0.62037	0.58038	0.54612	0.51607
4215878.00	0.70353	0.65532	0.61402	0.57814	0.54623
4215858.00	0.74575	0.69560	0.65226	0.61390	0.57894
4215838.00	0.79454	0.74170	0.69490	0.65258	0.61339
4215818.00	0.85052	0.79303	0.74113	0.69330	0.64833
4215798.00	0.91302	0.84867	0.78952	0.73443	0.68260
4215778.00	0.98072	0.90667	0.83804	0.77417	0.71461
4215758.00	1.05095	0.96434	0.88446	0.81074	0.74306
4215738.00	1.12007	1.01873	0.92635	0.84257	0.76694
4215718.00	1.18405	1.06674	0.96180	0.86833	0.78537
4215698.00	1.23892	1.10568	0.98891	0.88661	0.79710
4215678.00	1.28094	1.13303	1.00570	0.89587	0.80091
4215658.00	1.30620	1.14587	1.01001	0.89445	0.79566
4215638.00	1.31087	1.14161	1.00025	0.88145	0.78102
4215618.00	1.29291	1.11973	0.97676	0.85798	0.75837
4215598.00	1.25441	1.08292	0.94268	0.82698	0.73052
4215578.00	1.20157	1.03676	0.90269	0.79238	0.70061
4215558.00	1.14265	0.98754	0.86139	0.75755	0.67108
4215538.00	1.08466	0.93997	0.82200	0.72462	0.64334
4215518.00	1.03192	0.89675	0.78617	0.69461	0.61798
4215498.00	0.98685	0.85942	0.75496	0.66822	0.59547
4215478.00	0.95071	0.82911	0.72923	0.64616	0.57643
4215458.00	0.92362	0.80598	0.70930	0.62885	0.56126
4215438.00	0.90373	0.78888	0.69442	0.61578	0.54972
4215418.00	0.88836	0.77582	0.68304	0.60585	0.54092
4215398.00	0.87481	0.76485	0.67380	0.59786	0.53390
4215378.00	0.86056	0.75416	0.66540	0.59089	0.52790
4215358.00	0.84286	0.74220	0.65667	0.58413	0.52233
4215338.00	0.82126	0.72716	0.64631	0.57665	0.51674

 4215318.00 | 0.79562   0.70876   0.63335   0.56756   0.51027
 4215298.00 | 0.76685   0.68696   0.61728   0.55600   0.50206
 4215278.00 | 0.73686   0.66297   0.59861   0.54189   0.49167
 4215258.00 | 0.70739   0.63834   0.57844   0.52581   0.47922
 4215238.00 | 0.67895   0.61420   0.55796   0.50870   0.46521
 4215218.00 | 0.65247   0.59124   0.53806   0.49150   0.45060
 4215198.00 | 0.62780   0.56989   0.51913   0.47499   0.43615
 4215178.00 | 0.60460   0.54999   0.50167   0.45950   0.42237

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                              INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
              L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
              L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
              L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

 4215158.00 | 0.58247   0.53089   0.48538   0.44508   0.40947
 4215138.00 | 0.56164   0.51357   0.47052   0.43182   0.39747
 4215118.00 | 0.54112   0.49673   0.45631   0.41951   0.38641
 4215098.00 | 0.52076   0.48015   0.44251   0.40757   0.37599
 4215078.00 | 0.50049   0.46368   0.42892   0.39599   0.36602
 4215058.00 | 0.48007   0.44725   0.41523   0.38459   0.35634
 4215038.00 | 0.45962   0.43019   0.40138   0.37328   0.34682
 4215018.00 | 0.43926   0.41347   0.38756   0.36183   0.33739
 4214998.00 | 0.41958   0.39692   0.37377   0.35055   0.32799
 4214978.00 | 0.40044   0.38061   0.36006   0.33911   0.31858

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                              INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
              L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
              L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
              L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	16.18112	539351.84	4215428.70	16.66434
539361.84	4215428.70	16.69647	539371.84	4215428.70	16.27596
539381.84	4215428.70	15.44584	539341.84	4215438.70	20.06646
539351.84	4215438.70	20.66209	539361.84	4215438.70	20.61365
539371.84	4215438.70	19.92727	539381.84	4215438.70	18.67804
539341.84	4215448.70	25.46185	539351.84	4215448.70	26.21358
539361.84	4215448.70	26.04835	539371.84	4215448.70	24.95382
539381.84	4215448.70	23.04528	539341.84	4215458.70	33.25417
539351.84	4215458.70	34.23264	539361.84	4215458.70	33.88296
539371.84	4215458.70	32.15820	539381.84	4215458.70	29.15120
539341.84	4215468.70	45.16683	539351.84	4215468.70	46.43147
539361.84	4215468.70	45.76368	539371.84	4215468.70	43.12409
539381.84	4215468.70	38.15287	539113.88	4215517.52	0.98731
539096.52	4215515.99	0.83219	539108.26	4215501.18	0.91209
539096.01	4215500.67	0.81211	539108.26	4215486.38	0.90026
539094.47	4215485.36	0.79148	539135.32	4215461.36	1.14988
539150.13	4215439.91	1.29019	539114.39	4215452.68	0.92127
539123.07	4215439.40	0.97878	539159.32	4215421.02	1.34925
539145.02	4215416.43	1.15062	539134.30	4215410.81	1.02126
539131.75	4215425.11	1.03342	539206.80	4215383.75	1.92695
539215.99	4215372.52	2.02223	539188.93	4215382.22	1.56901
539176.17	4215379.67	1.36128	539165.44	4215376.09	1.20820
539248.79	4215356.71	2.64872	539243.45	4215348.45	2.36935
539265.58	4215345.25	2.84972	539260.78	4215338.05	2.58358
539256.25	4215351.38	2.74423	539272.77	4215331.92	2.70984
539264.78	4215324.99	2.41690	539280.77	4215321.79	2.63491
539279.97	4215307.14	2.32710	539287.97	4215313.80	2.57449
539297.83	4215304.74	2.51279	539289.56	4215296.21	2.24666
539311.15	4215287.68	2.30726	539303.69	4215281.28	2.12512
539303.69	4215296.21	2.40225	539314.25	4215271.79	2.05120
539329.09	4215260.48	1.97140	539339.69	4215237.16	1.70453
539357.36	4215232.92	1.71887	539394.11	4215199.70	1.43108
539044.99	4215579.21	0.63722	539034.39	4215591.93	0.61073

539054.88	4215556.59	0.64273	539058.42	4215538.92	0.63063
539054.88	4215520.55	0.59124	539082.44	4215477.44	0.70990
539073.96	4215466.13	0.65676	539098.70	4215440.69	0.78157
539109.30	4215426.56	0.83860	539117.07	4215415.96	0.88070
539125.55	4215401.11	0.91699	539158.77	4215367.19	1.09538
539150.29	4215357.30	0.97698	539184.21	4215339.63	1.24383
539222.37	4215324.79	1.68300	539243.58	4215317.72	1.94689

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3 ***

INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 , L0000355 ,
L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 ,
L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	1.35228	539364.42	4215191.93	1.32070
539344.64	4215200.41	1.34293	539409.65	4215113.48	0.88277
539355.94	4215136.80	0.94620	539262.66	4215288.75	1.83618
539282.44	4215261.19	1.67365	539299.41	4215235.04	1.48953
539168.48	4215647.44	3.05327	538949.25	4216163.17	0.25072
539352.01	4215796.95	1.79227	539358.95	4215583.01	57.48647
539293.80	4215538.56	64.11171	539260.82	4215517.04	13.69083
539279.41	4215503.60	26.70986	539292.18	4215495.55	43.71367
539318.95	4215487.21	71.28638	539337.11	4215482.84	74.77817
539356.14	4215482.00	74.81459	539369.89	4215483.02	75.27529
539384.66	4215486.57	63.85400	539391.49	4215490.91	57.13279
539342.66	4215571.90	81.05824	539326.38	4215560.79	85.38701
539310.09	4215549.67	78.18231	539277.31	4215527.80	32.27380
539270.11	4215510.32	18.64886	539305.56	4215491.38	64.86078
539384.98	4215509.33	90.26780	539378.47	4215527.75	131.47733

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538744.00	538764.00	538784.00	538804.00	538824.00	538844.00	538864.00	538884.00	538904.00
4215958.00	2.49283	2.58735	2.66207	2.72640	2.77584	2.82221	2.86905	2.92174	2.98403
4215938.00	2.26788	2.37221	2.46264	2.54600	2.61600	2.68279	2.74920	2.81927	2.89954
4215918.00	2.07540	2.18301	2.28527	2.38245	2.46915	2.55378	2.63837	2.72730	2.82170
4215898.00	1.90740	2.01676	2.12510	2.23113	2.33090	2.42859	2.52975	2.63837	2.75130
4215878.00	1.75957	1.86802	1.97773	2.08793	2.19791	2.30982	2.42773	2.55051	2.68132
4215858.00	1.62833	1.73401	1.84244	1.95391	2.06957	2.19165	2.32001	2.45926	2.60474
4215838.00	1.51232	1.61187	1.71640	1.82805	1.94612	2.07209	2.20978	2.35775	2.51988
4215818.00	1.40759	1.50225	1.60119	1.70996	1.82613	1.95359	2.09574	2.25018	2.42051
4215798.00	1.31360	1.40111	1.49637	1.59941	1.71194	1.83740	1.97901	2.13425	2.30756
4215778.00	1.22896	1.31069	1.40002	1.49723	1.60415	1.72377	1.85867	2.01066	2.18510
4215758.00	1.15348	1.22958	1.31232	1.40266	1.50304	1.61412	1.74237	1.88813	2.05694
4215738.00	1.08618	1.15660	1.23305	1.31707	1.40951	1.51370	1.63257	1.76974	1.93073
4215718.00	1.02688	1.09179	1.16185	1.23987	1.32436	1.42090	1.52991	1.65735	1.80798
4215698.00	0.97421	1.03378	1.09937	1.17159	1.24951	1.33744	1.43787	1.55518	1.69496
4215678.00	0.92701	0.98275	1.04380	1.11103	1.18292	1.26380	1.35597	1.46345	1.59033
4215658.00	0.88190	0.93633	0.99419	1.05702	1.12379	1.19855	1.28329	1.38059	1.49752
4215638.00	0.84123	0.89279	0.94815	1.00674	1.06925	1.13892	1.21742	1.30828	1.41543
4215618.00	0.80356	0.85174	0.90322	0.96046	1.01925	1.08459	1.15792	1.24254	1.34177
4215598.00	0.76880	0.81383	0.86199	0.91647	0.97174	1.03306	1.10172		

```
1.18150      1.27501
  4215578.00 |       0.73674      0.77790      0.82407      0.87527      0.92720      0.98473      1.04901
1.12385      1.21086
  4215558.00 |       0.70678      0.74575      0.78892      0.83697      0.88587      0.93997      1.00028
1.07032      1.15231
  4215538.00 |       0.67785      0.71567      0.75676      0.80197      0.84829      0.89947      0.95645
1.02038      1.09916
  4215518.00 |       0.65183      0.68809      0.72748      0.76961      0.81487      0.86376      0.91816
0.98058      1.05381
  4215498.00 |       0.62918      0.66428      0.70154      0.74328      0.78716      0.83575      0.88865
0.95087      1.02258
  4215478.00 |       0.61128      0.64569      0.68227      0.72335      0.76658      0.81572      0.86941
0.92983      1.00038
  4215458.00 |       0.59875      0.63207      0.66925      0.71011      0.75429      0.80343      0.85846
0.91912      0.98792
  4215438.00 |       0.59009      0.62403      0.66109      0.70182      0.74591      0.79599      0.85091
0.91274      0.97989
  4215418.00 |       0.58465      0.61830      0.65500      0.69444      0.73883      0.78813      0.84321
0.90387      0.96958
  4215398.00 |       0.57923      0.61220      0.64809      0.68657      0.72973      0.77753      0.82968
0.88800      0.95104
  4215378.00 |       0.57206      0.60399      0.63794      0.67571      0.71718      0.76300      0.81292
0.86873      0.92909
  4215358.00 |       0.56264      0.59267      0.62584      0.66199      0.70167      0.74466      0.79348
0.84731      0.90592
  4215338.00 |       0.55142      0.58019      0.61196      0.64667      0.68411      0.72654      0.77420
0.82720      0.88543
  4215318.00 |       0.53874      0.56696      0.59768      0.63144      0.66817      0.70932      0.75586
0.80887      0.86727
  4215298.00 |       0.52664      0.55418      0.58442      0.61730      0.65408      0.69554      0.74162
0.79383      0.85389
  4215278.00 |       0.51558      0.54303      0.57285      0.60677      0.64343      0.68457      0.73068
0.78212      0.84010
  4215258.00 |       0.50645      0.53434      0.56476      0.59926      0.63628      0.67651      0.72074
0.76985      0.82398
  4215238.00 |       0.49975      0.52770      0.55910      0.59364      0.62946      0.66896      0.71077
0.75625      0.80549
  4215218.00 |       0.49519      0.52337      0.55450      0.58808      0.62285      0.65982      0.69822
0.73934      0.78333
  4215198.00 |       0.49127      0.51936      0.54928      0.58094      0.61314      0.64683      0.68259
0.71924      0.75837
  4215178.00 |       0.48755      0.51426      0.54221      0.57083      0.60051      0.63125      0.66309
0.69631      0.73083
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 280
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):     L0000340    , L0000341    , L0000342    , L0000343    ,
L0000344    ,
               L0000345    , L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000555    ,
L0000556    ,
               L0000557    , L0000558    , L0000559    , L0000560    , L0000561    , L0000562    , L0000563    ,
L0000564    ,
               L0000565    , L0000566    , L0000567    , L0000568    , L0000569    , L0000570    , L0000571    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538744.00    538764.00    538784.00    538804.00    538824.00    538844.00    538864.00
538884.00    538904.00
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215958.00	3.05052	3.12239	3.20058	3.28676	3.38372	3.49460	3.63186	3.79946	4.00614
4215938.00	2.98184	3.07161	3.16559	3.26518	3.37311	3.49131	3.62910	3.78822	3.98172
4215918.00	2.92427	3.03100	3.14133	3.25666	3.37899	3.50909	3.65588	3.81476	4.00061
4215898.00	2.87157	2.99757	3.12410	3.25748	3.39754	3.54648	3.70405	3.87459	4.06025
4215878.00	2.81860	2.96456	3.11148	3.26574	3.42703	3.59465	3.77592	3.96257	4.15867
4215858.00	2.76119	2.92631	3.09598	3.27430	3.46080	3.65446	3.86262	4.07455	4.28968
4215838.00	2.69207	2.87657	3.07056	3.27598	3.49208	3.71748	3.95865	4.20591	4.45246
4215818.00	2.60524	2.80911	3.02721	3.26125	3.51028	3.77274	4.05599	4.34348	4.63895
4215798.00	2.50419	2.72096	2.96042	3.22234	3.50585	3.80937	4.14126		

4.48319   4.83684
  4215778.00 | 2.38433   2.60962   2.86724   3.15546   3.47202   3.82173   4.20314
4.60829   5.03091
  4215758.00 | 2.25490   2.48316   2.74814   3.05222   3.40128   3.79059   4.22540
4.69581   5.19958
  4215738.00 | 2.12079   2.34484   2.60797   2.92025   3.28539   3.70777   4.18653
4.72445   5.31879
  4215718.00 | 1.98718   2.19980   2.45673   2.76322   3.13380   3.57188   4.08090
4.67620   5.35267
  4215698.00 | 1.85968   2.05823   2.29938   2.59005   2.94866   3.38667   3.90883
4.53704   5.28275
  4215678.00 | 1.74185   1.92431   2.14518   2.41447   2.75005   3.16764   3.67874
4.31448   5.09888
  4215658.00 | 1.63499   1.80056   1.99937   2.24525   2.55203   2.93423   3.41274
4.02377   4.80467
  4215638.00 | 1.54091   1.68835   1.86897   2.09030   2.36506   2.70948   3.14287
3.70470   4.44108
  4215618.00 | 1.45736   1.59177   1.75401   1.95225   2.19494   2.50247   2.88631
3.38598   4.04871
  4215598.00 | 1.38043   1.50556   1.65341   1.83169   2.04838   2.32068   2.65740
3.09351   3.67155
  4215578.00 | 1.31140   1.42737   1.56336   1.72409   1.92108   2.16486   2.46171
2.84167   3.33995
  4215558.00 | 1.24785   1.35651   1.48137   1.63067   1.81014   2.03084   2.29633
2.63187   3.06556
  4215538.00 | 1.19014   1.29398   1.41126   1.55104   1.71739   1.91724   2.15870
2.46082   2.84659
  4215518.00 | 1.14060   1.23848   1.35404   1.48732   1.64577   1.83416   2.06025
2.34130   2.69730
  4215498.00 | 1.10502   1.20107   1.31222   1.44325   1.59546   1.78110   1.99983
2.27085   2.61258
  4215478.00 | 1.07970   1.17407   1.28497   1.41716   1.56874   1.75311   1.96894
2.23545   2.57004
  4215458.00 | 1.06702   1.15848   1.26776   1.39701   1.55199   1.73440   1.94617
2.20626   2.53096
  4215438.00 | 1.05629   1.14560   1.24943   1.37753   1.52959   1.70866   1.91303
2.16320   2.47472
  4215418.00 | 1.04404   1.12898   1.22853   1.35020   1.49557   1.66553   1.86128
2.10109   2.39901
  4215398.00 | 1.02229   1.10349   1.20050   1.31588   1.45485   1.61969   1.80922
2.04012   2.32300
  4215378.00 | 0.99753   1.07593   1.17020   1.28298   1.41466   1.57689   1.75974
1.97836   2.23993
  4215358.00 | 0.97292   1.05025   1.14361   1.25314   1.38397   1.53840   1.71049
1.91140   2.14695
  4215338.00 | 0.95235   1.02963   1.12213   1.22904   1.35403   1.49749   1.65458
1.83481   2.04457
  4215318.00 | 0.93525   1.01149   1.10091   1.20355   1.31911   1.44914   1.58952
1.75272   1.94501
  4215298.00 | 0.92033   0.99455   1.07827   1.17229   1.27634   1.39048   1.51978
1.66807   1.84655
  4215278.00 | 0.90391   0.97369   1.04972   1.13389   1.22501   1.32883   1.44695
1.58790   1.76136
  4215258.00 | 0.88333   0.94618   1.01495   1.08984   1.17179   1.26737   1.37882
1.51685   1.68679
  4215238.00 | 0.85871   0.91453   0.97578   1.04228   1.11946   1.21044   1.32060
1.45493   1.62531
  4215218.00 | 0.82981   0.87955   0.93416   0.99730   1.07139   1.16054   1.26836
1.40435   1.57275
  4215198.00 | 0.79924   0.84383   0.89519   0.95630   1.02944   1.11864   1.22739
1.36345   1.52786
  4215178.00 | 0.76840   0.80982   0.85990   0.92064   0.99428   1.08346   1.19475
1.32951   1.48687

Y-COORD (METERS)	X-COORD (METERS)							
	538924.00	538944.00	538964.00	538984.00	539004.00	539024.00	539044.00	539064.00	539084.00
4215158.00	0.73849	0.77918	0.82932	0.89081	0.96479	1.05681	1.16838	1.29942	1.44555
4215138.00	0.71242	0.75435	0.80466	0.86768	0.94361	1.03583	1.14588	1.26951	1.40399
4215118.00	0.68998	0.73374	0.78565	0.84967	0.92643	1.01864	1.12485	1.23956	1.35987
4215098.00	0.67199	0.71642	0.77091	0.83597	0.91361	1.00326	1.10261	1.20722	1.31300
4215078.00	0.65683	0.70357	0.75913	0.82548	0.90200	0.98787	1.07917	1.17194	1.26392
4215058.00	0.64495	0.69333	0.75094	0.81700	0.89142	0.97105	1.05293	1.13390	1.21356
4215038.00	0.63490	0.68526	0.74362	0.80925	0.87983	0.95275	1.02476	1.09496	1.16452
4215018.00	0.62801	0.67935	0.73746	0.80061	0.86665	0.93146	0.99396	1.05487	1.11640
4214998.00	0.62317	0.67478	0.73141	0.79100	0.85045	0.90736	0.96131	1.01468	1.07002
4214978.00	0.61973	0.67063	0.72450	0.77924	0.83157	0.88101	0.92776	0.97528	1.02596

Y-COORD (METERS)	X-COORD (METERS)							
	539104.00	539124.00	539144.00	539164.00	539184.00	539204.00	539224.00	539244.00	539264.00

- -

4215958.00	4.27336	4.62038	5.09393	5.76636	6.79884	8.52661	11.77532	12.74036	10.04771
4215938.00	4.21835	4.51546	4.90750	5.44297	6.22530	7.44530	9.53422	13.63193	10.35021
4215918.00	4.21810	4.47992	4.81357	5.24825	5.86826	6.76649	8.20710	10.79167	9.51932
4215898.00	4.26561	4.50430	4.79661	5.16753	5.66812	6.36917	7.41711	9.13158	12.33379
4215878.00	4.36498	4.59651	4.86348	5.19276	5.61548	6.17607	6.96853	8.18454	10.25226
4215858.00	4.51467	4.74883	5.00865	5.30976	5.67476	6.14344	6.77282	7.67478	9.10130
4215838.00	4.70574	4.95788	5.22561	5.51977	5.85320	6.25624	6.77089	7.47458	8.52768
4215818.00	4.93415	5.22645	5.51944	5.82290	6.14597	6.51303	6.95116	7.52535	8.33485
4215798.00	5.19321	5.54216	5.88901	6.23195	6.57140	6.91962	7.31669	7.80661	8.46786
4215778.00	5.46730	5.89916	6.32548	6.73732	7.12251	7.49953	7.88835	8.33122	8.88673
4215758.00	5.73060	6.27730	6.81937	7.34414	7.82653	8.27564	8.70029	9.13046	9.63948
4215738.00	5.96121	6.64665	7.34659	8.03095	8.67835	9.26813	9.79620	10.27780	10.78821
4215718.00	6.11629	6.96347	7.85574	8.77520	9.66447	10.49106	11.22690	11.85737	12.44906
4215698.00	6.15886	7.17351	8.29625	9.50787	10.73780	11.93138	13.04369	13.99157	14.81456
4215678.00	6.06034	7.21830	8.58407	10.13546	11.80781	13.54299	15.24471	16.79823	18.12213
4215658.00	5.80306	7.07295	8.64426	10.54293	12.73328	15.18422	17.77686	20.32866	22.65363
4215638.00	5.41806	6.72076	8.42319	10.60389	13.34814	16.63992	20.41986	24.52729	28.67626
4215618.00	4.94937	6.19699	7.91468	10.25968	13.44382	17.62735	22.86900	29.16724	36.22950
4215598.00	4.46307	5.58292	7.17451	9.49942	12.89639	17.80393	24.64137	33.78236	45.24196
4215578.00	4.01785	4.97032	6.35943	8.45059	11.71290	16.88734	25.13674	37.76094	55.80578
4215558.00	3.64686	4.45238	5.61472	7.36625	10.15141	14.94576	23.66128	39.84622	68.15847
4215538.00	3.35621	4.05718	5.04130	6.49123	8.74872	12.64458	20.22852	37.51755	80.84473
4215518.00	3.16268	3.79543	4.66963	5.91671	7.82969	10.98220	16.84224	30.21992	76.36632
4215498.00	3.05677	3.65521	4.46639	5.62791	7.36396	10.14624	15.03457	25.29286	53.60003
4215478.00	3.00281	3.58122	4.35770	5.45749	7.07475	9.59611	13.81238	21.85337	39.03766
4215458.00	2.94900	3.49979	4.24378	5.27401	6.75182	8.94592	12.47594	18.62011	29.57990
4215438.00	2.87498	3.39882	4.09578	5.03464	6.32646	8.21265	11.12094	15.79683	23.06952
4215418.00	2.78120	3.27649	3.91223	4.74457	5.86679	7.48175	9.88557	13.43588	18.46619
4215398.00	2.67882	3.13188	3.69869	4.42665	5.41814	6.81279	8.80119	11.53176	15.09736
4215378.00	2.56113	2.96721	3.46731	4.12187	5.00467	6.21661	7.84708	9.97336	12.55776
4215358.00	2.43243	2.79398	3.24519	3.84167	4.63554	5.68073	7.03328	8.68732	10.58988
4215338.00	2.29898	2.62604	3.04152	3.59364	4.30942	5.21209	6.32247	7.61207	9.02834
4215318.00	2.17944	2.48154	2.87176	3.37666	4.01764	4.79582	5.71036	6.72012	7.77820

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  4215298.00 |       2.06870      2.35672      2.72288      3.18565      3.75110      4.41477      5.15897
5.95707      6.75527
  4215278.00 |       1.97732      2.25230      2.59670      3.01285      3.50301      4.06393      4.66772
5.30216      5.91796
  4215258.00 |       1.90118      2.16313      2.48213      2.84914      3.27010      3.74054      4.23446
4.73889      5.21546
  4215238.00 |       1.83460      2.08260      2.37239      2.69394      3.05190      3.43962      3.84487
4.24985      4.62754
  4215218.00 |       1.77402      2.00561      2.26402      2.54446      2.84777      3.16786      3.49719
3.82505      4.12803
  4215198.00 |       1.71743      1.92887      2.15581      2.39661      2.65334      2.92050      3.19004
3.45500      3.70416
  4215178.00 |       1.66143      1.84949      2.04800      2.25593      2.47409      2.69701      2.92124
3.13767      3.33955
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 284
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):     L0000340    , L0000341    , L0000342    , L0000343    ,
L0000344    ,
               L0000345    , L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000555    ,
L0000556    ,
               L0000557    , L0000558    , L0000559    , L0000560    , L0000561    , L0000562    , L0000563    ,
L0000564    ,
               L0000565    , L0000566    , L0000567    , L0000568    , L0000569    , L0000570    , L0000571    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539104.00    539124.00    539144.00    539164.00    539184.00    539204.00    539224.00
539244.00    539264.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       1.60395      1.77005      1.94162      2.12171      2.30828      2.49738      2.68155
2.86121      3.02869
  4215138.00 |       1.54421      1.68859      1.83801      1.99515      2.15424      2.31585      2.47111
2.61964      2.76152
  4215118.00 |       1.48239      1.60863      1.73985      1.87552      2.01498      2.15214      2.28257
2.40740      2.52738
  4215098.00 |       1.41935      1.52926      1.64556      1.76609      1.88776      2.00447      2.11533
2.22025      2.32262
  4215078.00 |       1.35628      1.45391      1.55717      1.66509      1.77036      1.87104      1.96448
2.05387      2.14357
  4215058.00 |       1.29439      1.38235      1.47492      1.57094      1.66318      1.74897      1.82879
1.90437      1.98374
  4215038.00 |       1.23648      1.31512      1.39869      1.48334      1.56419      1.63822      1.70659
1.77174      1.84161
  4215018.00 |       1.18145      1.25238      1.32722      1.40274      1.47356      1.53746      1.59624
1.65279      1.71465
  4214998.00 |       1.12969      1.19402      1.26195      1.32842      1.39039      1.44558      1.49631
1.54576      1.60009
  4214978.00 |       1.08126      1.14055      1.20135      1.26041      1.31387      1.36159      1.40558
1.44916      1.49805
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 285
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539284.00	539304.00	539324.00	539344.00	539364.00	539384.00	539404.00	539424.00	539444.00
4215958.00	9.23100	12.44603	9.32686	7.61393	6.53031	5.78640	5.24777	4.84095	4.52801
4215938.00	10.12348	8.88121	11.38041	8.90096	7.43916	6.48832	5.81827	5.32898	4.96150
4215918.00	10.64722	10.10055	14.54961	10.66488	8.62621	7.36083	6.50931	5.90768	5.46929
4215898.00	10.23294	10.82082	13.25903	13.30881	10.21378	8.47352	7.35678	6.60301	6.06943
4215878.00	11.63939	10.98871	10.95835	12.63809	12.44884	9.92380	8.41660	7.45140	6.78933
4215858.00	11.65174	13.12584	11.76017	11.06326	12.18686	11.90720	9.78752	8.50565	7.66044
4215838.00	10.24421	13.46750	11.49006	12.51611	11.19927	14.80758	11.60460	9.84553	8.73254
4215818.00	9.57410	11.71104	13.12091	12.47572	13.20134	11.38838	14.15779	11.59775	10.07103
4215798.00	9.40723	10.90659	13.53363	14.92371	13.43265	16.92017	14.76799	13.96487	11.77964
4215778.00	9.64390	10.76009	12.55325	15.81773	14.23238	14.44418	17.12707	17.35320	14.01708
4215758.00	10.28065	11.16248	12.47979	14.65420	16.35650	16.09895	15.60726	17.47317	17.07370
4215738.00	11.37056	12.10558	13.14743	14.72772	17.38856	16.34684	15.18372	16.83293	17.71859
4215718.00	13.04012	13.70893	14.58480	15.82766	17.72306	20.93428	18.93583	19.95512	17.65669
4215698.00	15.51371	16.20255	17.00280	18.05524	19.55133	21.67240	22.76979	21.37108	20.84423
4215678.00	19.17805	20.03098	20.86736	21.84734	23.09303	24.50787	26.30375	26.15319	22.75686
4215658.00	24.57251	26.03637	27.11887	28.13545	29.15487	29.82821	29.85789	30.20341	28.21564
4215638.00	32.50532	35.64102	37.74178	38.99958	39.62137	38.88248	36.26881	33.41579	32.57063
4215618.00	43.80170	51.21050	57.15077	59.96108	59.34955	54.59828	46.63313	39.28230	34.46113
4215598.00	59.28590	76.06337	94.55084	108.69347	104.20114	83.31599	62.39892	47.44142	37.95932
4215578.00	80.93908	116.33573	167.75881	228.95446	218.71857	134.78305	83.34711	56.53702	41.82055
4215558.00	114.78978	191.66723	280.16679	337.72184	317.73264	209.58054	105.77738	64.41327	44.93602
4215538.00	169.48156	266.98314	359.28205	418.63304	407.68343	272.46166	126.83357	69.68813	47.18371
4215518.00	166.85404	275.60886	380.55689	443.27241	433.30726	296.66520	139.76121	67.28860	39.50916

```
  4215498.00 |     130.43659    222.43049    292.44708    312.91683    302.45987    246.92429    122.20013
56.15024     35.98473
  4215478.00 |      74.67589    129.64970    183.43297    211.97675    208.60115    166.88683     89.45103
47.71695     33.87480
  4215458.00 |      47.55967     71.54177     94.97268    110.15237    110.00063     92.24607     63.45730
44.92896     31.49354
  4215438.00 |      33.45583     45.97215     58.07692     65.76073     66.20425     59.02955     47.50098
35.69970     26.47387
  4215418.00 |      24.94459     32.29446     39.14532     43.61796     44.39214     41.33028     35.52609
28.69235     22.42989
  4215398.00 |      19.36889     23.91900     28.11200     30.95845     31.83887     30.52259     27.39374
23.31454     19.11062
  4215378.00 |      15.47919     18.45430     21.14320     23.03851     23.86991     23.39677     21.68625
19.16753     16.31832
  4215358.00 |      12.62217     14.65724     16.46817     17.81802     18.52472     18.42479     17.49084
15.93212     13.99171
  4215338.00 |      10.48517     11.91305     13.18656     14.17253     14.77679     14.85934     14.35645
13.37409     12.06147
  4215318.00 |       8.84551      9.86905     10.78613     11.54355     12.04260     12.19130     11.92105
11.30977     10.42398
  4215298.00 |       7.55417      8.30818      8.99913      9.58675      9.99991     10.15933     10.03770
9.65783      9.06027
  4215278.00 |       6.52180      7.09848      7.62575      8.09198      8.43559      8.59571      8.55118
8.31665      7.91409
  4215258.00 |       5.68544      6.13007      6.54772      6.92458      7.20591      7.36318      7.36198
7.21935      6.94864
  4215238.00 |       4.99493      5.34907      5.68632      5.99020      6.23253      6.37584      6.39845
6.31443      6.13759
  4215218.00 |       4.42310      4.71017      4.98723      5.24001      5.44512      5.57376      5.60876
5.56607      5.44932
  4215198.00 |       3.94461      4.18107      4.40846      4.62485      4.79962      4.91390      4.95453
4.93872      4.86296
  4215178.00 |       3.53804      3.73565      3.93091      4.11430      4.26414      4.36193      4.41025
4.40874      4.36370
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 286
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):     L0000340    , L0000341    , L0000342    , L0000343    ,
L0000344    ,
               L0000345    , L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000555    ,
L0000556    ,
               L0000557    , L0000558    , L0000559    , L0000560    , L0000561    , L0000562    , L0000563    ,
L0000564    ,
               L0000565    , L0000566    , L0000567    , L0000568    , L0000569    , L0000570    , L0000571    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539284.00    539304.00    539324.00    539344.00    539364.00    539384.00    539404.00
539424.00    539444.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215158.00 |       3.19470      3.36217      3.52925      3.68640      3.81228      3.90139      3.94800
3.95783      3.93177
  4215138.00 |       2.90205      3.04769      3.19215      3.32632      3.43508      3.51090      3.55489
3.56733      3.55643
  4215118.00 |       2.64925      2.77505      2.90125      3.01826      3.11301      3.17735      3.21786
3.23321      3.23061
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539464.00	539484.00	539504.00	539524.00	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.00	4.28395	4.09000	3.92886	3.78273	3.63307	3.46736	3.27944	3.07294	2.85716
4215938.00	4.68000	4.45714	4.26949	4.09165	3.90485	3.69645	3.46654	3.22227	2.97809
4215918.00	5.13937	4.87834	4.65323	4.43287	4.19747	3.93713	3.65927	3.37707	3.10610
4215898.00	5.67574	5.36357	5.08598	4.80803	4.50977	4.19062	3.86119	3.54069	3.24532
4215878.00	6.30670	5.92158	5.57220	5.21869	4.84533	4.45780	4.07621	3.72004	3.40243
4215858.00	7.05480	6.56721	6.11926	5.66700	5.20334	4.74287	4.30937	3.92063	3.58115
4215838.00	7.94766	7.31482	6.73198	6.15691	5.59004	5.05326	4.56985	4.14787	3.78678
4215818.00	9.02214	8.18282	7.42051	6.69612	6.01498	5.39976	4.86569	4.41018	4.02366
4215798.00	10.33033	9.19614	8.20094	7.29852	6.49312	5.79733	5.20869	4.71410	4.29400
4215778.00	11.94582	10.39214	9.09672	7.98647	7.04548	6.26008	5.60890	5.06332	4.59686
4215758.00	13.98430	11.82829	10.14832	8.79248	7.69548	6.80496	6.07267	5.45675	4.92407
4215738.00	16.65556	13.60441	11.41902	9.75988	8.47066	7.44371	6.59910	5.88409	5.26407
4215718.00	20.36739	15.89198	13.00160	10.94123	9.39456	8.17852	7.17748	6.32968	5.60068

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  4215698.00 |      21.03897     19.00602     15.02699     12.39956     10.48475      8.99961      7.78600
6.77171      5.91563
  4215678.00 |      20.68494     19.79791     17.72097     14.19651     11.74816      9.88712      8.39865
7.18611      6.19037
  4215658.00 |      23.00778     19.92823     21.47248     16.44004     13.18700     10.81489      8.98417
7.54637      6.40478
  4215638.00 |      25.73743     22.40352     18.67930     19.33108     14.82583     11.75449      9.50372
7.81926      6.53371
  4215618.00 |      27.74437     24.72308     20.94036     19.65125     16.75057     12.66810      9.90207
7.96194      6.54911
  4215598.00 |      33.32224     26.12702     22.67586     18.45511     19.13848     13.48360     10.10142
7.92886      6.43238
  4215578.00 |      34.22351     29.56215     24.56436     19.67646     16.60711     13.88788      9.96177
7.68634      6.18716
  4215558.00 |      35.73725     28.79936     20.89740     18.49609     16.42405     13.28830      9.43890
7.27300      5.85861
  4215538.00 |      30.39032     24.55682     20.46542     16.82080     17.68289     11.88302      8.71021
6.79145      5.50870
  4215518.00 |      29.26092     21.78539     20.63092     19.35325     14.17578     10.43468      7.96535
6.32143      5.17892
  4215498.00 |      25.12923     21.98487     19.58071     15.18255     11.82177      9.22355      7.28929
5.89837      4.88369
  4215478.00 |      27.71716     20.70181     16.10048     12.78853     10.26723      8.28395      6.72447
5.53398      4.62828
  4215458.00 |      23.22969     17.78509     14.01623     11.29261      9.21942      7.57805      6.27152
5.23424      4.41703
  4215438.00 |      20.13795     15.73410     12.58847     10.25039      8.45949      7.05218      5.91257
4.98977      4.24397
  4215418.00 |      17.58914     14.04774     11.42151      9.43386      7.87444      6.62898      5.61279
4.78161      4.09762
  4215398.00 |      15.44016     12.57161     10.38623      8.69165      7.34935      6.24924      5.34465
4.59125      3.96343
  4215378.00 |      13.59532     11.29871      9.45822      8.01332      6.84467      5.88393      5.08409
4.40511      3.83249
  4215358.00 |      11.99363     10.17214      8.63467      7.39216      6.37146      5.52926      4.81746
4.21379      3.69729
  4215338.00 |      10.59531      9.17369      7.90383      6.82800      5.93276      5.18283      4.55260
4.01397      3.55257
  4215318.00 |       9.37278      8.27851      7.24131      6.31808      5.52700      4.85605      4.29469
3.81561      3.40246
  4215298.00 |       8.29712      7.47140      6.63788      5.85743      5.16190      4.56214      4.05303
3.62119      3.24775
  4215278.00 |       7.36665      6.74334      6.08260      5.42963      4.83006      4.29604      3.83461
3.43606      3.09602
  4215258.00 |       6.55705      6.08926      5.56619      5.03495      4.52273      4.04987      3.63328
3.26820      2.95316
  4215238.00 |       5.85810      5.50404      5.09929      4.66506      4.23365      3.82073      3.44603
3.11281      2.82024
  4215218.00 |       5.25411      4.98962      4.67151      4.31855      3.95966      3.60393      3.27103
2.96753      2.69524
  4215198.00 |       4.72830      4.52840      4.27870      3.99838      3.69719      3.39683      3.10479
2.83137      2.58078
  4215178.00 |       4.27000      4.12151      3.92525      3.69889      3.45156      3.19819      2.94508
2.70007      2.47317
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 288
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     L0000340    , L0000341    , L0000342    , L0000343    ,
L0000344    ,
                L0000345    , L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000555    ,
L0000556    ,
                L0000557    , L0000558    , L0000559    , L0000560    , L0000561    , L0000562    , L0000563    ,
```

L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539464.00   539484.00   539504.00   539524.00   539544.00   539564.00   539584.00
539604.00   539624.00
 -
- - - - - - - -

  4215158.00 | 3.86976   3.75784   3.60572   3.42278   3.22042   3.00834   2.78932
2.57497   2.37027
  4215138.00 | 3.51550   3.43515   3.31751   3.17314   3.00765   2.83065   2.64345
2.45605   2.27298
  4215118.00 | 3.20505   3.14691   3.05790   2.94270   2.80912   2.66188   2.50278
2.34018   2.17791
  4215098.00 | 2.93186   2.89065   2.82412   2.73373   2.62470   2.50242   2.36777
2.22753   2.08479
  4215078.00 | 2.68928   2.66349   2.61342   2.54168   2.45398   2.35250   2.23886
2.11846   1.99368
  4215058.00 | 2.47572   2.45930   2.42332   2.36675   2.29523   2.21102   2.11632
2.01248   1.90392
  4215038.00 | 2.28562   2.27661   2.25067   2.20636   2.14806   2.07820   1.99764
1.90990   1.81603
  4215018.00 | 2.11596   2.11218   2.09383   2.06031   2.01293   1.95476   1.88695
1.81229   1.73131
  4214998.00 | 1.96464   1.96319   1.95211   1.92710   1.88882   1.83959   1.78310
1.71963   1.64977
  4214978.00 | 1.82867   1.83013   1.82347   1.80531   1.77423   1.73380   1.68603
1.63191   1.57133

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
                L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539644.00   539664.00   539684.00   539704.00   539724.00
 -
- - - - - - - -

  4215958.00 | 2.64423   2.44492   2.26566   2.10748   1.96911
  4215938.00 | 2.74596   2.53512   2.34937   2.18767   2.04603
  4215918.00 | 2.85714   2.63650   2.44478   2.27857   2.13335
  4215898.00 | 2.98165   2.75203   2.55384   2.38218   2.23060
  4215878.00 | 3.12502   2.88576   2.67916   2.49845   2.33784
  4215858.00 | 3.28949   3.03839   2.82017   2.62733   2.45374
  4215838.00 | 3.47801   3.21142   2.97616   2.76605   2.57565

4215818.00	3.69260	3.40262	3.14452	2.91186	2.69923
4215798.00	3.93068	3.60898	3.32032	3.05917	2.82075
4215778.00	4.18788	3.82391	3.49683	3.20180	2.93429
4215758.00	4.45521	4.03837	3.66650	3.33337	3.03495
4215738.00	4.72058	4.24248	3.82049	3.44789	3.11845
4215718.00	4.97054	4.42515	3.95174	3.54012	3.18157
4215698.00	5.19122	4.57654	4.05319	3.60507	3.22015
4215678.00	5.36917	4.68748	4.11762	3.63752	3.23043
4215658.00	5.48938	4.74638	4.13665	3.63113	3.20803
4215638.00	5.53366	4.74078	4.10228	3.58095	3.15017
4215618.00	5.48580	4.66332	4.01209	3.48825	3.05967
4215598.00	5.34279	4.51788	3.87435	3.36184	2.94567
4215578.00	5.12072	4.32317	3.70641	3.21729	2.82140
4215558.00	4.85629	4.10829	3.53000	3.07107	2.69930
4215538.00	4.58953	3.89885	3.36206	2.93420	2.58637
4215518.00	4.34306	3.70739	3.20934	2.80988	2.48379
4215498.00	4.12312	3.53615	3.07241	2.69785	2.39050
4215478.00	3.93157	3.38709	2.95238	2.59878	2.30742
4215458.00	3.77331	3.26330	2.85230	2.51601	2.23742
4215438.00	3.64602	3.16415	2.77240	2.44981	2.18168
4215418.00	3.53982	3.08282	2.70709	2.39673	2.13723
4215398.00	3.44344	3.01097	2.65084	2.35127	2.09967
4215378.00	3.34983	2.94154	2.59862	2.30954	2.06547
4215358.00	3.25258	2.87244	2.54768	2.26989	2.03281
4215338.00	3.15128	2.79922	2.49451	2.23059	2.00225
4215318.00	3.04102	2.72018	2.43815	2.18984	1.97174
4215298.00	2.92168	2.63118	2.37342	2.14338	1.93821
4215278.00	2.79865	2.53454	2.29992	2.08907	1.89888
4215258.00	2.67820	2.43524	2.22036	2.02737	1.85248
4215238.00	2.56268	2.33761	2.13838	1.96065	1.79948
4215218.00	2.45611	2.24500	2.05824	1.89168	1.74309
4215198.00	2.35777	2.15932	1.98239	1.82582	1.68610
4215178.00	2.26628	2.08014	1.91272	1.76419	1.63135

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215158.00	2.17992	2.00508	1.84816	1.70695	1.58033
4215138.00	2.09921	1.93684	1.78920	1.65442	1.53294
4215118.00	2.02070	1.87112	1.73311	1.60567	1.48926
4215098.00	1.94376	1.80708	1.67898	1.55867	1.44815
4215078.00	1.86810	1.74416	1.62614	1.51320	1.40893
4215058.00	1.79288	1.68211	1.57353	1.46874	1.37089
4215038.00	1.71840	1.61882	1.52095	1.42497	1.33364
4215018.00	1.64504	1.55721	1.46899	1.38108	1.29690

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	53.38904	539351.84	4215428.70	54.74329
539361.84	4215428.70	54.66249	539371.84	4215428.70	53.14551
539381.84	4215428.70	50.34712	539341.84	4215438.70	66.31351
539351.84	4215438.70	68.00755	539361.84	4215438.70	67.63679
539371.84	4215438.70	65.21982	539381.84	4215438.70	61.01078
539341.84	4215448.70	84.51561	539351.84	4215448.70	86.73603
539361.84	4215448.70	85.96086	539371.84	4215448.70	82.12388
539381.84	4215448.70	75.65452	539341.84	4215458.70	111.40987
539351.84	4215458.70	114.56449	539361.84	4215458.70	113.13075
539371.84	4215458.70	106.99195	539381.84	4215458.70	96.67123
539341.84	4215468.70	153.85281	539351.84	4215468.70	158.72698
539361.84	4215468.70	156.16345	539371.84	4215468.70	146.20465
539381.84	4215468.70	129.00688	539113.88	4215517.52	3.44770
539096.52	4215515.99	2.95925	539108.26	4215501.18	3.18292
539096.01	4215500.67	2.87234	539108.26	4215486.38	3.13346
539094.47	4215485.36	2.79550	539135.32	4215461.36	3.91204
539150.13	4215439.91	4.37120	539114.39	4215452.68	3.19494
539123.07	4215439.40	3.38002	539159.32	4215421.02	4.56586
539145.02	4215416.43	3.93099	539134.30	4215410.81	3.52205
539131.75	4215425.11	3.55766	539206.80	4215383.75	6.58856
539215.99	4215372.52	6.94316	539188.93	4215382.22	5.35745

539176.17	4215379.67	4.65537	539165.44	4215376.09	4.14915
539248.79	4215356.71	9.03771	539243.45	4215348.45	8.10588
539265.58	4215345.25	9.67766	539260.78	4215338.05	8.79389
539256.25	4215351.38	9.34253	539272.77	4215331.92	9.20097
539264.78	4215324.99	8.23213	539280.77	4215321.79	8.94640
539279.97	4215307.14	7.92646	539287.97	4215313.80	8.74471
539297.83	4215304.74	8.54209	539289.56	4215296.21	7.66183
539311.15	4215287.68	7.86978	539303.69	4215281.28	7.26694
539303.69	4215296.21	8.17955	539314.25	4215271.79	7.02824
539329.09	4215260.48	6.77243	539339.69	4215237.16	5.89662
539357.36	4215232.92	5.94982	539394.11	4215199.70	4.99465
539044.99	4215579.21	2.48875	539034.39	4215591.93	2.42908
539054.88	4215556.59	2.45540	539058.42	4215538.92	2.37740
539054.88	4215520.55	2.21763	539082.44	4215477.44	2.53991
539073.96	4215466.13	2.37307	539098.70	4215440.69	2.76469
539109.30	4215426.56	2.94567	539117.07	4215415.96	3.08023
539125.55	4215401.11	3.19549	539158.77	4215367.19	3.78827
539150.29	4215357.30	3.40896	539184.21	4215339.63	4.34076
539222.37	4215324.79	5.82394	539243.58	4215317.72	6.68645

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	4.73401	539364.42	4215191.93	4.62877
539344.64	4215200.41	4.70005	539409.65	4215113.48	3.15440

539355.94	4215136.80	3.37449	539262.66	4215288.75	6.30253
539282.44	4215261.19	5.76807	539299.41	4215235.04	5.16868
539168.48	4215647.44	11.14563	538949.25	4216163.17	5.61283
539352.01	4215796.95	12.99071	539358.95	4215583.01	189.56888
539293.80	4215538.56	224.71799	539260.82	4215517.04	62.78731
539279.41	4215503.60	116.20384	539292.18	4215495.55	156.31664
539318.95	4215487.21	220.08006	539337.11	4215482.84	233.06996
539356.14	4215482.00	236.54089	539369.89	4215483.02	231.63270
539384.66	4215486.57	187.20035	539391.49	4215490.91	177.41403
539342.66	4215571.90	267.74243	539326.38	4215560.79	274.83929
539310.09	4215549.67	262.77219	539277.31	4215527.80	143.96579
539270.11	4215510.32	85.62492	539305.56	4215491.38	201.14297
539384.98	4215509.33	276.12879	539378.47	4215527.75	344.09039
539371.97	4215546.17	312.29924	539365.46	4215564.59	278.37567

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2 ***
INCLUDING SOURCE(S): PAREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00
4215958.0	125.32603 (13111908)	140.74766 (13111908)	152.32370 (13111908)	158.49240 (13111908)	158.06839 (13111908)
4215938.0	107.65516 (13111908)	127.06947 (13111908)	144.72637 (13111908)	158.67594 (13111908)	166.98588 (13111908)
4215918.0	97.99431 (14121008)	106.95038 (13111908)	128.33946 (13111908)	148.43958 (13111908)	165.00269 (13111908)
4215898.0	100.03069 (14121008)	103.88238 (14121008)	105.65253 (13111908)	129.07578 (13111908)	151.75311 (13111908)
4215878.0	108.18518 (14121608)	103.45302 (14121008)	109.42484 (14121008)	112.14749 (14121008)	129.13203 (13111908)
4215858.0	124.56316 (14121608)	121.21793 (14121608)	114.74621 (14121608)	114.35200 (14121008)	119.45388 (14121008)
4215838.0	132.48833 (14121608)	135.11919 (14121608)	134.29473 (14121608)	129.83609 (14121608)	121.77648 (14121608)
4215818.0	129.50759 (14121608)	138.36583 (14121608)	144.35754 (14121608)	146.85166 (14121608)	145.25087 (14121608)
4215798.0	115.69474 (14121608)	129.42466 (14121608)	141.76497 (14121608)	151.64621 (14121608)	158.08469 (14121608)
4215778.0	99.21158 (13112007)	109.92181 (14121608)	126.29543 (14121608)	142.06924 (14121608)	

156.10317 (14121608)
 4215758.0 | 124.69803 (13112007)   120.52673 (13112007)   114.60043 (13112007)   119.75943 (14121608)
138.64869 (14121608)
 4215738.0 | 142.74671 (13112007)   142.87399 (13112007)   141.88054 (13112007)   138.59120 (13112007)
132.94814 (13112007)
 4215718.0 | 147.28730 (13112007)   152.97690 (13112007)   157.67869 (13112007)   160.97992 (13112007)
161.68484 (13112007)
 4215698.0 | 135.49996 (13112007)   146.85778 (13112007)   156.97259 (13112007)   166.46957 (13112007)
174.79324 (13112007)
 4215678.0 | 115.42294 (15102807)   123.93956 (13112007)   138.11597 (13112007)   152.09510 (13112007)
166.64312 (13112007)
 4215658.0 | 108.04813 (15102807)   114.95972 (15102807)   121.74172 (15102807)   128.26664 (15102807)
138.80169 (13112007)
 4215638.0 | 116.89888 (14121607)   117.78327 (14121607)   118.22632 (14121607)   118.33254 (14121607)
128.21115 (15102807)
 4215618.0 | 128.54903 (15031707)   132.56920 (14121607)   136.63256 (14121607)   140.18752 (14121607)
144.07838 (14121607)
 4215598.0 | 146.81885 (15031707)   150.46667 (15031707)   154.59624 (15031707)   158.26370 (15031707)
163.39432 (15031707)
 4215578.0 | 151.58580 (15031707)   157.77002 (15031707)   163.70286 (15031707)   169.83327 (15031707)
178.04454 (15031707)
 4215558.0 | 157.60745 (14013007)   162.82306 (14013007)   168.10485 (14013007)   173.66948 (14013007)
180.37284 (14013007)
 4215538.0 | 165.70160 (14013007)   172.10416 (14013007)   178.95638 (14013007)   186.30643 (14013007)
195.27858 (14013007)
 4215518.0 | 149.29320 (14013007)   155.58079 (14013007)   162.33813 (14013007)   169.83604 (14013007)
178.19353 (14013007)
 4215498.0 | 114.53121 (14013007)   119.24394 (14013007)   124.27014 (14013007)   129.69827 (14013007)
135.51481 (14013007)
 4215478.0 | 78.58832 (14032507)   87.85048 (14032507)   97.94200 (14032507)   109.32773 (14032507)
121.67745 (14032507)
 4215458.0 | 120.27357 (14032507)   132.07147 (14032507)   144.87573 (14032507)   158.61400 (14032507)
173.51858 (14032507)
 4215438.0 | 160.36555 (14032507)   172.45200 (14032507)   185.00592 (14032507)   197.85679 (14032507)
211.34821 (14032507)
 4215418.0 | 185.61947 (14032507)   194.67547 (14032507)   203.41392 (14032507)   212.05108 (14032507)
219.58698 (14032507)
 4215398.0 | 186.09385 (14032507)   189.67117 (14032507)   192.28810 (14032507)   194.10163 (14032507)
194.38231 (14032507)
 4215378.0 | 161.41411 (14032507)   159.31037 (14032507)   156.20384 (14032507)   151.88108 (14032507)
146.45476 (14032507)
 4215358.0 | 121.09627 (14032507)   115.21900 (14032507)   108.71325 (14032507)   101.58068 (14032507)
113.48983 (13092407)
 4215338.0 | 81.70815 (13092407)   95.81418 (13092407)   110.99781 (13092407)   126.82625 (13092407)
142.95941 (13092407)
 4215318.0 | 108.25724 (13092407)   122.12379 (13092407)   135.75448 (13092407)   148.56841 (13092407)
160.21199 (13092407)
 4215298.0 | 129.10657 (13092407)   139.74418 (13092407)   148.81535 (13092407)   156.03539 (13092407)
160.62051 (13092407)
 4215278.0 | 138.81650 (13092407)   143.96041 (13092407)   146.89969 (13092407)   146.83557 (13092407)
144.21033 (13092407)
 4215258.0 | 134.91652 (13092407)   133.93141 (13092407)   130.54074 (13092407)   135.92022 (14010809)
165.32306 (14010809)
 4215238.0 | 118.90575 (13092407)   120.95600 (14010809)   147.76535 (14010809)   172.01953 (14010809)
190.39243 (14010809)
 4215218.0 | 132.62462 (14010809)   155.22998 (14010809)   173.35789 (14010809)   184.35343 (14010809)
188.37513 (15122508)
 4215198.0 | 158.19305 (14010809)   169.96491 (14010809)   174.14667 (14010809)   190.56651 (15122508)
208.24518 (15122508)
 4215178.0 | 162.61169 (14010809)   168.98038 (15122508)   189.06894 (15122508)   199.80012 (15122508)
199.26886 (15122508)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

Y-COORD (METERS)	X-COORD (METERS)				
	538744.00	538764.00	538784.00	538804.00	538824.00
4215158.0	170.47321 (15122508)	184.47181 (15122508)	188.87742 (15122508)	196.82214 (13011008)	213.54594 (13011008)
4215138.0	177.38683 (15122508)	176.38747 (15122508)	193.45037 (13011008)	204.98230 (13011008)	205.26204 (13011008)
4215118.0	172.35818 (13011008)	188.71365 (13011008)	195.56980 (13011008)	200.31049 (14010808)	221.93808 (14010808)
4215098.0	182.81533 (13011008)	185.55013 (13011008)	196.95263 (14010808)	213.89899 (14010808)	215.79365 (14010808)
4215078.0	175.13977 (13011008)	192.94121 (14010808)	205.62579 (14010808)	203.97380 (14010808)	188.18368 (14010808)
4215058.0	188.38004 (14010808)	197.20978 (14010808)	192.48259 (14010808)	175.06141 (14010808)	148.26039 (14010808)
4215038.0	188.73655 (14010808)	181.40729 (14010808)	162.72979 (14010808)	136.09961 (14010808)	105.91243 (14010808)
4215018.0	170.73235 (14010808)	151.11438 (14010808)	124.87795 (14010808)	96.13292 (14010808)	95.20354 (14012909)
4214998.0	140.29093 (14010808)	114.52444 (14010808)	87.23680 (14010808)	90.35005 (14012909)	107.48808 (14012909)
4214978.0	104.97841 (14010808)	79.15394 (14010808)	85.87671 (14012909)	102.33668 (14012909)	111.06492 (14012909)

Y-COORD (METERS)	X-COORD (METERS)				
	538844.00	538864.00	538884.00	538904.00	538924.00
4215958.0	150.67387 (13111908)	137.92430 (16120907)	145.59479 (15012207)	167.86412 (15012207)	182.56420 (15012207)
4215938.0	168.23054 (13111908)	161.72471 (13111908)	147.81680 (13111908)	154.22339 (15012207)	178.19641 (15012207)
4215918.0	175.84345 (13111908)	179.11036 (13111908)	173.80594 (13111908)	160.06191 (13111908)	163.73272 (15012207)
4215898.0	171.25962 (13111908)	185.01241 (13111908)	190.76686 (13111908)	187.04011 (13111908)	173.69381 (13111908)
4215878.0	154.58927 (13111908)	177.41835 (13111908)	194.56366 (13111908)	203.27487 (13111908)	201.54359 (13111908)
4215858.0	128.45886 (13111908)	156.87262 (13111908)	183.35711 (13111908)	204.37877 (13111908)	216.61246 (13111908)
4215838.0	126.33505 (14121008)	130.09534 (14121008)	158.44960 (13111908)	188.91302 (13111908)	

214.36449 (13111908)
 4215818.0 | 139.34453 (14121608)   132.51365 (14121008)   139.46670 (14121008)   159.14458 (13111908)
193.88699 (13111908)
 4215798.0 | 160.30791 (14121608)   157.67460 (14121608)   149.92025 (14121608)   148.22566 (14121008)
158.72745 (13111908)
 4215778.0 | 167.18712 (14121608)   174.05085 (14121608)   175.72884 (14121608)   171.57558 (14121608)
161.50037 (14121608)
 4215758.0 | 156.81651 (14121608)   172.89670 (14121608)   185.31976 (14121608)   192.61365 (14121608)
193.61464 (14121608)
 4215738.0 | 131.12636 (14121608)   153.08416 (14121608)   174.27231 (14121608)   192.95743 (14121608)
207.06052 (14121608)
 4215718.0 | 159.73142 (13112007)   154.84006 (13112007)   147.10166 (13112007)   170.40110 (14121608)
195.48619 (14121608)
 4215698.0 | 180.95645 (13112007)   184.36105 (13112007)   184.62841 (13112007)   181.45828 (13112007)
174.47603 (13112007)
 4215678.0 | 180.47447 (13112007)   192.91170 (13112007)   203.09683 (13112007)   210.59484 (13112007)
214.46929 (13112007)
 4215658.0 | 156.99202 (13112007)   175.80573 (13112007)   194.55014 (13112007)   211.40192 (13112007)
227.55202 (13112007)
 4215638.0 | 138.86356 (15102807)   149.91941 (15102807)   160.62957 (15102807)   181.11990 (13112007)
205.19304 (13112007)
 4215618.0 | 147.45856 (14121607)   150.19395 (14121607)   152.00291 (14121607)   158.95911 (15102807)
172.01702 (15102807)
 4215598.0 | 168.41539 (15031707)   173.40045 (15031707)   177.81350 (15031707)   182.24824 (14121607)
188.76671 (14121607)
 4215578.0 | 186.66184 (15031707)   195.66375 (15031707)   204.51135 (15031707)   213.06242 (15031707)
221.22999 (15031707)
 4215558.0 | 187.44092 (14013007)   194.88083 (14013007)   205.77339 (15031707)   217.81054 (15031707)
230.11417 (15031707)
 4215538.0 | 204.97393 (14013007)   215.46670 (14013007)   226.79480 (14013007)   238.06262 (14013007)
250.34945 (14013007)
 4215518.0 | 187.53757 (14013007)   197.73004 (14013007)   208.61932 (14013007)   220.36191 (14013007)
233.04171 (14013007)
 4215498.0 | 141.82312 (14013007)   148.61811 (14013007)   156.06351 (14013007)   164.22139 (14013007)
173.15191 (14013007)
 4215478.0 | 135.57864 (14032507)   150.95701 (14032507)   168.18530 (14032507)   187.39605 (14032507)
208.80885 (14032507)
 4215458.0 | 189.51417 (14032507)   206.71753 (14032507)   225.36730 (14032507)   245.35540 (14032507)
266.53078 (14032507)
 4215438.0 | 224.69584 (14032507)   238.43394 (14032507)   252.13995 (14032507)   266.63451 (14032507)
280.53514 (14032507)
 4215418.0 | 226.30359 (14032507)   231.98910 (14032507)   236.79619 (14032507)   240.81645 (14032507)
242.77337 (14032507)
 4215398.0 | 193.29764 (14032507)   190.96694 (14032507)   186.99744 (14032507)   181.30671 (14032507)
173.48767 (14032507)
 4215378.0 | 139.95417 (14032507)   132.29226 (14032507)   136.29291 (13092407)   158.83467 (13092407)
182.66747 (13092407)
 4215358.0 | 131.61949 (13092407)   150.34049 (13092407)   169.27008 (13092407)   188.20316 (13092407)
205.58663 (13092407)
 4215338.0 | 158.44257 (13092407)   172.63266 (13092407)   185.05449 (13092407)   195.40260 (13092407)
201.83697 (13092407)
 4215318.0 | 169.76746 (13092407)   176.45913 (13092407)   179.65706 (13092407)   179.43965 (13092407)
199.31892 (14010809)
 4215298.0 | 162.07497 (13092407)   160.29426 (13092407)   174.03227 (14010809)   210.36614 (14010809)
239.49888 (14010809)
 4215278.0 | 153.15899 (14010809)   185.83278 (14010809)   213.45179 (14010809)   231.48305 (14010809)
246.42278 (15122508)
 4215258.0 | 191.18149 (14010809)   209.59344 (14010809)   217.40415 (14010809)   244.40433 (15122508)
263.30197 (15122508)
 4215238.0 | 200.13674 (14010809)   214.87379 (15122508)   237.81371 (15122508)   246.38270 (15122508)
267.22027 (13011008)
 4215218.0 | 213.56489 (15122508)   227.50823 (15122508)   232.21629 (13011008)   256.92177 (13011008)
265.83509 (13011008)
 4215198.0 | 214.47448 (15122508)   227.55899 (13011008)   244.96489 (13011008)   250.41979 (14010808)
279.81292 (14010808)
 4215178.0 | 221.28681 (13011008)   232.05841 (13011008)   244.13776 (14010808)   266.45886 (14010808)
267.10576 (14010808)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                              INCLUDING SOURCE(S):   PAREA2   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538844.00   538864.00   538884.00   538904.00
538924.00
 -
- - - - - - - -

 4215158.0 | 218.73545 (13011008)   237.09106 (14010808)   253.09965 (14010808)   249.28441 (14010808)
226.06909 (14010808)
 4215138.0 | 229.78629 (14010808)   240.33895 (14010808)   232.51406 (14010808)   207.90658 (14010808)
171.23305 (14010808)
 4215118.0 | 227.92347 (14010808)   216.84142 (14010808)   191.16287 (14010808)   155.66877 (14010808)
127.36327 (14012909)
 4215098.0 | 202.09034 (14010808)   175.72469 (14010808)   141.50062 (14010808)   119.59570 (14012909)
140.43899 (14012909)
 4215078.0 | 161.44527 (14010808)   128.55997 (14010808)   112.60330 (14012909)   132.64995 (14012909)
140.04433 (14012909)
 4215058.0 | 116.69504 (14010808)   106.27821 (14012909)   125.51304 (14012909)   133.33697 (14012909)
127.74873 (14012909)
 4215038.0 | 100.48599 (14012909)   119.01104 (14012909)   127.17830 (14012909)   122.88122 (14012909)
114.60552 (13040207)
 4215018.0 | 113.01830 (14012909)   121.42308 (14012909)   118.28243 (14012909)   105.37318 (13040207)
124.65138 (13040207)
 4214998.0 | 116.07091 (14012909)   113.94720 (14012909)   101.72210 (14012909)   116.04922 (13040207)
129.78967 (13040207)
 4214978.0 | 109.82097 (14012909)   98.96657 (14012909)   107.89084 (13040207)   122.35585 (13040207)
131.99006 (16112108)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                              INCLUDING SOURCE(S):   PAREA2   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538944.00   538964.00   538984.00   539004.00
539024.00
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- - - - - - - -

 4215958.0 | 201.57075 (17012307)   212.11676 (17012307)   213.52740 (15122908)   201.22011 (15122908)
172.94110 (15122908)
 4215938.0 | 193.71950 (15012207)   214.89166 (17012307)   224.24934 (17012307)   224.63738 (15122908)
208.06642 (15122908)
 4215918.0 | 189.64934 (15012207)   206.01192 (15012207)   229.42466 (17012307)   237.27515 (17012307)
236.21278 (15122908)
 4215898.0 | 174.28033 (15012207)   202.29994 (15012207)   219.89770 (17012307)   245.31168 (17012307)

252.29058 (15122908)
 4215878.0 | 188.86848 (13111908)   185.95278 (15012207)   216.39994 (15012207)   237.06991 (17012307)
262.74066 (17012307)
 4215858.0 | 217.41475 (13111908)   205.74873 (13111908)   199.00799 (15012207)   232.16971 (15012207)
256.21099 (17012307)
 4215838.0 | 230.76283 (13111908)   234.72709 (13111908)   224.63519 (13111908)   213.65993 (15012207)
249.88516 (15012207)
 4215818.0 | 224.35349 (13111908)   245.68178 (13111908)   253.64063 (13111908)   245.76500 (13111908)
230.21565 (15012207)
 4215798.0 | 198.11767 (13111908)   234.24847 (13111908)   261.40935 (13111908)   274.32195 (13111908)
269.48479 (13111908)
 4215778.0 | 165.60311 (14121008)   201.37709 (13111908)   243.90480 (13111908)   277.95325 (13111908)
297.03631 (13111908)
 4215758.0 | 187.49139 (14121608)   177.14433 (14121008)   203.45886 (13111908)   253.20338 (13111908)
295.33367 (13111908)
 4215738.0 | 214.76275 (14121608)   214.55196 (14121608)   205.83589 (14121608)   204.12972 (13111908)
261.86921 (13111908)
 4215718.0 | 217.32645 (14121608)   233.44328 (14121608)   241.39224 (14121608)   239.60954 (14121608)
227.34883 (14121608)
 4215698.0 | 191.64307 (14121608)   221.70775 (14121608)   247.50777 (14121608)   265.92091 (14121608)
273.93132 (14121608)
 4215678.0 | 213.97312 (13112007)   208.70277 (13112007)   218.12926 (14121608)   254.56605 (14121608)
285.47501 (14121608)
 4215658.0 | 240.80745 (13112007)   249.84346 (13112007)   253.75825 (13112007)   251.64837 (13112007)
251.77144 (14121608)
 4215638.0 | 229.85823 (13112007)   253.61717 (13112007)   274.88899 (13112007)   291.93394 (13112007)
302.75849 (13112007)
 4215618.0 | 187.35110 (15102807)   213.38983 (13112007)   246.55143 (13112007)   280.28587 (13112007)
312.85657 (13112007)
 4215598.0 | 194.41565 (14121607)   200.31968 (14121607)   205.28887 (14121607)   227.96791 (15102807)
258.74672 (13112007)
 4215578.0 | 229.70073 (15031707)   238.97463 (15031707)   250.34884 (15031707)   261.94366 (15031707)
273.54794 (15031707)
 4215558.0 | 243.29204 (15031707)   258.34778 (15031707)   274.51180 (15031707)   294.77004 (15031707)
316.90050 (15031707)
 4215538.0 | 263.79675 (14013007)   279.06826 (14013007)   295.43249 (14013007)   314.87858 (14013007)
337.40192 (14013007)
 4215518.0 | 247.38780 (14013007)   263.03128 (14013007)   280.52594 (14013007)   300.21371 (14013007)
324.33889 (14013007)
 4215498.0 | 182.98341 (14013007)   193.86628 (14013007)   206.01896 (14013007)   227.00017 (14032507)
259.41328 (14032507)
 4215478.0 | 232.55985 (14032507)   258.88721 (14032507)   287.66461 (14032507)   319.71182 (14032507)
354.35551 (14032507)
 4215458.0 | 288.90413 (14032507)   311.64031 (14032507)   334.89628 (14032507)   357.65565 (14032507)
379.98064 (14032507)
 4215438.0 | 292.92984 (14032507)   303.79314 (14032507)   311.61902 (14032507)   316.98332 (14032507)
319.39706 (14032507)
 4215418.0 | 242.29279 (14032507)   238.80726 (14032507)   232.39396 (14032507)   223.31267 (14032507)
248.94665 (13092407)
 4215398.0 | 167.61883 (13092407)   196.64158 (13092407)   226.26173 (13092407)   254.94569 (13092407)
281.27127 (13092407)
 4215378.0 | 206.82765 (13092407)   228.95465 (13092407)   247.34256 (13092407)   261.22444 (13092407)
267.77548 (13092407)
 4215358.0 | 220.00770 (13092407)   228.99974 (13092407)   232.23299 (13092407)   269.44466 (14010809)
319.24389 (14010809)
 4215338.0 | 203.35656 (13092407)   230.33394 (14010809)   275.25503 (14010809)   306.39136 (14010809)
342.07763 (15122508)
 4215318.0 | 239.59023 (14010809)   270.04055 (14010809)   288.19887 (15122508)   329.43774 (15122508)
346.63766 (15122508)
 4215298.0 | 256.34099 (14010809)   285.48265 (15122508)   310.99061 (15122508)   333.55130 (13011008)
360.98064 (13011008)
 4215278.0 | 276.71124 (15122508)   288.83067 (15122508)   318.47575 (13011008)   333.74835 (13011008)
372.17432 (14010808)
 4215258.0 | 275.61380 (13011008)   301.84338 (13011008)   318.58281 (14010808)   348.87784 (14010808)
345.80948 (14010808)
 4215238.0 | 284.17934 (13011008)   305.98076 (14010808)   326.79518 (14010808)   317.38865 (14010808)
281.47614 (14010808)
 4215218.0 | 293.07417 (14010808)   305.90267 (14010808)   291.47415 (14010808)   254.24808 (14010808)
202.79043 (14010808)

 4215198.0 | 286.02138 (14010808)   267.72351 (14010808)   229.86630 (14010808)   180.70596 (14010808)
193.27256 (14012909)
 4215178.0 | 245.94941 (14010808)   207.96463 (14010808)   161.24470 (14010808)   180.51901 (14012909)
183.13876 (14012909)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                                INCLUDING SOURCE(S):   PAREA2   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538944.00   538964.00   538984.00   539004.00
539024.00
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 4215158.0 | 188.39804 (14010808)   145.62396 (14012909)   169.07870 (14012909)   173.11397 (14012909)
163.57667 (13040207)
 4215138.0 | 136.00076 (14012909)   158.66573 (14012909)   163.84658 (14012909)   150.70262 (14012909)
174.91925 (13040207)
 4215118.0 | 149.11079 (14012909)   155.29849 (14012909)   144.44766 (14012909)   161.00499 (13040207)
184.53048 (16112108)
 4215098.0 | 147.38133 (14012909)   138.54950 (14012909)   147.78154 (13040207)   165.71731 (13040207)
209.35864 (16112108)
 4215078.0 | 132.97290 (14012909)   135.64123 (13040207)   154.36812 (13040207)   186.69613 (16112108)
221.04718 (16112108)
 4215058.0 | 124.54413 (13040207)   143.44151 (13040207)   165.20632 (16112108)   203.44534 (16112108)
218.95323 (16112108)
 4215038.0 | 133.71882 (13040207)   145.33892 (13040207)   185.36921 (16112108)   207.80869 (16112108)
226.93613 (13121808)
 4215018.0 | 137.36065 (13040207)   167.11906 (16112108)   194.82882 (16112108)   202.26897 (13121808)
234.26173 (13121808)
 4214998.0 | 149.22237 (16112108)   180.64154 (16112108)   193.22679 (16112108)   216.05329 (13121808)
230.03955 (13121808)
 4214978.0 | 165.75838 (16112108)   184.14639 (16112108)   195.80220 (13121808)   219.36465 (13121808)
219.25012 (15112508)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                                INCLUDING SOURCE(S):   PAREA2   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539044.00   539064.00   539084.00   539104.00
539124.00
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- - - - - - - -

 4215958.0 | 208.85954 (16010609)   230.80274 (16010609)   228.88555 (16010609)   215.66807 (15121808)

248.48735 (14121807)
 4215938.0 | 194.58884 (16010609)   230.72010 (16010609)   245.79357 (16010609)   233.20644 (16010609)
244.30395 (14121807)
 4215918.0 | 214.71198 (15122908)   220.27683 (16010609)   252.42437 (16010609)   258.30792 (16010609)
240.13346 (15121808)
 4215898.0 | 248.23890 (15122908)   221.01896 (15122908)   247.37060 (16010609)   273.12510 (16010609)
267.28494 (16010609)
 4215878.0 | 269.27269 (15122908)   260.72176 (15122908)   230.66011 (16010609)   275.22016 (16010609)
291.84152 (16010609)
 4215858.0 | 282.00347 (17012307)   287.61378 (15122908)   273.54916 (15122908)   263.73177 (16010609)
303.07478 (16010609)
 4215838.0 | 277.74989 (17012307)   303.26258 (17012307)   307.37198 (15122908)   286.76088 (15122908)
298.88750 (16010609)
 4215818.0 | 270.02530 (15012207)   301.90113 (17012307)   326.75953 (17012307)   328.75036 (15122908)
300.24922 (15122908)
 4215798.0 | 249.16433 (15012207)   292.90364 (15012207)   329.17869 (17012307)   352.95709 (17012307)
351.91044 (15122908)
 4215778.0 | 296.39925 (13111908)   274.54226 (13111908)   319.13194 (15012207)   360.10454 (17012307)
382.24151 (17012307)
 4215758.0 | 321.99501 (13111908)   326.75387 (13111908)   306.95416 (13111908)   349.33737 (15012207)
395.30532 (17012307)
 4215738.0 | 313.47282 (13111908)   349.21168 (13111908)   360.97673 (13111908)   344.68140 (13111908)
384.51985 (15012207)
 4215718.0 | 269.48864 (13111908)   332.09477 (13111908)   378.90504 (13111908)   399.76943 (13111908)
388.86346 (13111908)
 4215698.0 | 269.31939 (14121608)   275.80825 (13111908)   351.15201 (13111908)   411.51066 (13111908)
444.21385 (13111908)
 4215678.0 | 306.16892 (14121608)   313.26068 (14121608)   304.95863 (14121608)   370.81453 (13111908)
447.85471 (13111908)
 4215658.0 | 296.31650 (14121608)   333.11529 (14121608)   356.43235 (14121608)   362.32021 (14121608)
391.36821 (13111908)
 4215638.0 | 305.75986 (13112007)   300.28878 (13112007)   350.89456 (14121608)   395.69270 (14121608)
422.57165 (14121608)
 4215618.0 | 341.12896 (13112007)   362.65567 (13112007)   374.91111 (13112007)   376.34408 (13112007)
426.54297 (14121608)
 4215598.0 | 305.26744 (13112007)   353.13405 (13112007)   398.83808 (13112007)   438.24784 (13112007)
467.32958 (13112007)
 4215578.0 | 284.57275 (15031707)   295.03466 (15031707)   324.95854 (15102807)   394.88588 (13112007)
468.80336 (13112007)
 4215558.0 | 340.74065 (15031707)   366.59326 (15031707)   394.45363 (15031707)   424.51575 (15031707)
456.42025 (15031707)
 4215538.0 | 362.03179 (14013007)   389.55335 (14013007)   420.48052 (14013007)   455.73171 (14013007)
508.96321 (15031707)
 4215518.0 | 351.69083 (14013007)   383.25062 (14013007)   419.96715 (14013007)   463.72406 (14013007)
517.33786 (14013007)
 4215498.0 | 297.06808 (14032507)   341.36211 (14032507)   393.64344 (14032507)   455.73952 (14032507)
530.75065 (14032507)
 4215478.0 | 394.37613 (14032507)   438.22951 (14032507)   485.84439 (14032507)   535.81682 (14032507)
588.54976 (14032507)
 4215458.0 | 403.65846 (14032507)   425.27847 (14032507)   443.46101 (14032507)   455.96176 (14032507)
461.64444 (14032507)
 4215438.0 | 318.96862 (14032507)   313.49784 (14032507)   332.78179 (13092407)   389.40640 (13092407)
440.92394 (13092407)
 4215418.0 | 289.21635 (13092407)   328.49204 (13092407)   362.68894 (13092407)   386.13629 (13092407)
473.01568 (14010809)
 4215398.0 | 303.78445 (13092407)   318.15578 (13092407)   384.20562 (14010809)   442.47512 (14010809)
519.77798 (15122508)
 4215378.0 | 319.31598 (14010809)   373.75827 (14010809)   424.08740 (15122508)   473.93845 (15122508)
542.72659 (13011008)
 4215358.0 | 349.69856 (14010809)   404.13115 (15122508)   444.32463 (13011008)   491.33975 (13011008)
545.34841 (14010808)
 4215338.0 | 377.28545 (15122508)   417.23408 (13011008)   452.61905 (14010808)   495.03553 (14010808)
481.12703 (14010808)
 4215318.0 | 389.07246 (13011008)   423.97707 (14010808)   451.03976 (14010808)   429.66833 (14010808)
370.71902 (14010808)
 4215298.0 | 397.10655 (14010808)   412.00154 (14010808)   385.22739 (14010808)   326.58345 (14010808)
286.82775 (14012909)
 4215278.0 | 377.13190 (14010808)   346.31702 (14010808)   289.19107 (14010808)   262.81721 (14012909)
261.38047 (13040207)

 4215258.0 | 311.94729 (14010808)   256.48354 (14010808)   241.87419 (14012909)   234.78350 (14012909)
290.75134 (16112108)
 4215238.0 | 227.94095 (14010808)   223.62514 (14012909)   219.67330 (14012909)   244.55810 (16112108)
323.17537 (16112108)
 4215218.0 | 207.57573 (14012909)   206.22072 (14012909)   219.26724 (13040207)   283.63012 (16112108)
329.37420 (16112108)
 4215198.0 | 194.11857 (14012909)   198.84170 (13040207)   245.73072 (16112108)   300.86579 (16112108)
342.04569 (13121808)
 4215178.0 | 180.35005 (13040207)   210.38389 (16112108)   271.07016 (16112108)   299.67423 (13121808)
344.75181 (13121808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                               INCLUDING SOURCE(S):   PAREA2   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539044.00   539064.00   539084.00   539104.00
539124.00
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 4215158.0 | 189.59460 (13040207)   241.16456 (16112108)   276.74421 (16112108)   315.39204 (13121808)
328.09121 (13121808)
 4215138.0 | 212.08453 (16112108)   255.26254 (16112108)   282.40605 (13121808)   312.68829 (13121808)
318.58775 (15112508)
 4215118.0 | 232.58721 (16112108)   252.27552 (16112108)   291.46713 (13121808)   297.51518 (15112508)
297.61653 (15112508)
 4215098.0 | 237.58425 (16112108)   265.79897 (13121808)   284.61279 (13121808)   289.64039 (15112508)
266.47025 (15112508)
 4215078.0 | 237.40181 (13121808)   269.53682 (13121808)   273.59948 (15112508)   269.63099 (15112508)
246.61549 (16121307)
 4215058.0 | 249.92149 (13121808)   259.48605 (13121808)   264.77159 (15112508)   240.76989 (15112508)
238.67803 (16121307)
 4215038.0 | 249.17578 (13121808)   252.55138 (15112508)   245.39796 (15112508)   225.19968 (16121307)
223.80713 (16121307)
 4215018.0 | 236.57589 (13121808)   242.83517 (15112508)   218.63515 (15112508)   219.63679 (16121307)
218.24027 (14122408)
 4214998.0 | 233.79414 (15112508)   224.27232 (15112508)   206.85557 (16121307)   207.70740 (16121307)
214.72687 (14122408)
 4214978.0 | 223.64919 (15112508)   199.54102 (15112508)   203.03353 (16121307)   198.24462 (14122408)
206.32353 (14110707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                               INCLUDING SOURCE(S):   PAREA2   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS)	539144.00	539164.00	539184.00	539204.00	539224.00
4215958.0	260.36237 (14121807)	238.58808 (14121807)	229.69547 (15010808)	234.41489 (16112507)	239.02590 (15121807)
4215938.0	272.51817 (14121807)	266.54189 (14121807)	238.63791 (16011207)	246.13907 (15010808)	248.53918 (15121807)
4215918.0	276.94312 (14121807)	289.39623 (14121807)	261.48147 (14121807)	259.25105 (15010808)	263.04986 (16112507)
4215898.0	272.83732 (14121807)	304.85892 (14121807)	295.88778 (14121807)	267.99817 (15010808)	276.20428 (16112507)
4215878.0	271.60499 (16010609)	311.14246 (14121807)	324.48635 (14121807)	288.70419 (14121807)	292.03111 (15010808)
4215858.0	307.45408 (16010609)	307.33660 (14121807)	344.23551 (14121807)	331.62375 (14121807)	307.98234 (15010808)
4215838.0	329.91349 (16010609)	318.52496 (16010609)	352.95401 (14121807)	367.72759 (14121807)	322.38308 (16011207)
4215818.0	335.54865 (16010609)	354.63714 (16010609)	349.64060 (14121807)	393.04337 (14121807)	376.23462 (14121807)
4215798.0	323.41528 (16010609)	372.91600 (16010609)	375.77044 (16010609)	404.85352 (14121807)	422.36651 (14121807)
4215778.0	377.24105 (15122908)	370.77581 (16010609)	409.82107 (16010609)	402.42374 (14121807)	454.91825 (14121807)
4215758.0	415.61630 (15122908)	405.19710 (15122908)	421.06600 (16010609)	445.38344 (16010609)	470.77497 (14121807)
4215738.0	435.82846 (17012307)	455.56865 (15122908)	436.24154 (15122908)	474.20368 (16010609)	478.08218 (16010609)
4215718.0	425.71868 (15012207)	482.79511 (17012307)	501.57339 (15122908)	476.20994 (16010609)	530.34171 (16010609)
4215698.0	440.77256 (13111908)	474.76401 (15012207)	537.91293 (17012307)	555.56084 (15122908)	551.03186 (16010609)
4215678.0	495.16483 (13111908)	502.56407 (13111908)	533.63388 (15012207)	604.23564 (17012307)	621.38960 (15122908)
4215658.0	488.93100 (13111908)	554.78465 (13111908)	576.40545 (13111908)	608.77243 (17012307)	687.05728 (17012307)
4215638.0	426.85897 (14121608)	536.26397 (13111908)	625.62682 (13111908)	667.44330 (13111908)	704.82147 (17012307)
4215618.0	481.92618 (14121608)	511.58113 (14121608)	593.75915 (13111908)	713.59709 (13111908)	783.13051 (13111908)
4215598.0	481.75227 (13112007)	535.65438 (14121608)	603.70203 (14121608)	667.97564 (13111908)	828.37643 (13111908)
4215578.0	539.14001 (13112007)	596.79269 (13112007)	635.55149 (13112007)	703.13931 (14121608)	790.70765 (14121608)
4215558.0	490.02196 (15031707)	557.34457 (13112007)	683.96543 (13112007)	797.85142 (13112007)	886.21632 (13112007)
4215538.0	574.45285 (15031707)	652.44514 (15031707)	744.86665 (15031707)	855.08355 (15031707)	984.48727 (15031707)
4215518.0	582.95168 (14013007)	663.95692 (14013007)	769.24559 (14013007)	910.34469 (14013007)	1111.18643 (14013007)
4215498.0	620.39159 (14032507)	729.35626 (14032507)	862.02236 (14032507)	1023.85024 (14032507)	1215.26537 (14032507)
4215478.0	643.17947 (14032507)	696.15530 (14032507)	742.63560 (14032507)	778.29648 (14032507)	966.07327 (15122508)
4215458.0	474.14662 (13092407)	562.97707 (13092407)	654.75771 (14010809)	840.03631 (15122508)	1068.69619 (13011008)
4215438.0	481.46156 (14010809)	600.53338 (14010809)	734.91506 (13011008)	885.13828 (14010808)	978.22771 (14010808)
4215418.0	560.49850 (15122508)	661.65249 (13011008)	765.11161 (14010808)	821.20882 (14010808)	780.41708 (14010808)
4215398.0	598.94216 (13011008)	674.90568 (14010808)	704.44762 (14010808)	657.02482 (14010808)	601.35759 (16112108)
4215378.0	604.18134 (14010808)	614.44013 (14010808)	561.57670 (14010808)	471.21175 (16112108)	635.36255 (13121808)
4215358.0	541.63680 (14010808)	485.34533 (14010808)	395.29633 (14010808)	520.53902 (16112108)	645.73894 (13121808)
4215338.0	422.64285 (14010808)	347.37987 (14012909)	434.41559 (16112108)	543.86789 (13121808)	611.11416 (13121808)

 4215318.0 | 314.64030 (14012909)   357.08101 (16112108)   457.47531 (16112108)   547.20981 (13121808)
567.76661 (15112508)
 4215298.0 | 297.66359 (13040207)   398.17878 (16112108)   477.70979 (13121808)   515.43067 (13121808)
509.23522 (15112508)
 4215278.0 | 342.28963 (16112108)   406.21259 (13121808)   474.16246 (13121808)   484.95238 (15112508)
438.65893 (16121307)
 4215258.0 | 363.44069 (16112108)   425.49389 (13121808)   447.47540 (15112508)   435.88352 (15112508)
408.48939 (14122408)
 4215238.0 | 372.20025 (13121808)   416.32470 (13121808)   422.03304 (15112508)   381.97407 (16121307)
412.21341 (14110707)
 4215218.0 | 381.93056 (13121808)   395.55236 (15112508)   379.26502 (15112508)   354.93960 (16121307)
407.51874 (14110707)
 4215198.0 | 368.36914 (13121808)   372.09634 (15112508)   337.45373 (16121307)   344.65503 (14110707)
394.29791 (14110707)
 4215178.0 | 353.31638 (15112508)   334.01515 (15112508)   317.53984 (16121307)   349.79573 (14110707)
373.45906 (14110707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                                INCLUDING SOURCE(S):   PAREA2   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539144.00   539164.00   539184.00   539204.00
539224.00
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- - - - - - - -

 4215158.0 | 331.26939 (15112508)   301.58705 (16121307)   304.14310 (14122408)   346.67239 (14110707)
349.89483 (13111207)
 4215138.0 | 297.05238 (15112508)   286.74555 (16121307)   298.62327 (14110707)   336.47331 (14110707)
340.53941 (13111207)
 4215118.0 | 271.72991 (16121307)   270.66587 (14122408)   302.84058 (14110707)   320.16987 (14110707)
327.10677 (13111207)
 4215098.0 | 260.78289 (16121307)   265.22711 (14122408)   300.36432 (14110707)   298.98963 (14110707)
309.76872 (13111207)
 4215078.0 | 242.30190 (16121307)   262.93999 (14110707)   292.16112 (14110707)   293.48487 (13111207)
289.93097 (13111207)
 4215058.0 | 240.43582 (14122408)   266.41865 (14110707)   278.91214 (14110707)   285.16215 (13111207)
269.43740 (16112107)
 4215038.0 | 233.15899 (14122408)   264.73404 (14110707)   261.85479 (14110707)   273.55142 (13111207)
266.46318 (16112107)
 4215018.0 | 235.42911 (14110707)   258.18703 (14110707)   256.45378 (13111207)   259.22567 (13111207)
261.60840 (16112107)
 4214998.0 | 238.37803 (14110707)   247.37430 (14110707)   251.67529 (13111207)   242.78655 (13111207)
254.98938 (16112107)
 4214978.0 | 236.75352 (14110707)   232.83745 (14110707)   243.92241 (13111207)   226.53689 (16112107)
246.83580 (16112107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                                INCLUDING SOURCE(S):   PAREA2   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539244.00	539264.00	539284.00	539304.00	539324.00
4215958.0	253.86750 (15011909)	248.08397 (15112607)	281.51621 (15112607)	274.90260 (17010208)	279.32252 (13110607)
4215938.0	266.34997 (15011909)	252.54581 (15112607)	294.19963 (15112607)	288.83312 (15112607)	295.13761 (13110607)
4215918.0	276.94241 (15011909)	274.45746 (15011909)	306.89376 (15112607)	308.86757 (15112607)	312.27496 (13110607)
4215898.0	285.16950 (15011909)	295.98308 (15011909)	319.35481 (15112607)	330.12334 (15112607)	330.95842 (13110607)
4215878.0	296.68292 (15121807)	316.31233 (15011909)	331.53213 (15112607)	352.54321 (15112607)	351.34751 (13110607)
4215858.0	313.95658 (16112507)	334.68868 (15011909)	343.20759 (15112607)	376.17034 (15112607)	373.57162 (13110607)
4215838.0	332.22927 (16112507)	350.37966 (15011909)	354.32576 (15112607)	400.83688 (15112607)	397.98928 (13110607)
4215818.0	354.44729 (15010808)	362.76449 (15011909)	380.50804 (15011909)	426.40052 (15112607)	424.83188 (13110607)
4215798.0	373.81866 (15010808)	384.98180 (16112507)	412.00030 (15011909)	452.67882 (15112607)	456.07909 (17010208)
4215778.0	433.91127 (14121807)	411.10106 (16112507)	440.52600 (15011909)	479.50325 (15112607)	491.03147 (17010208)
4215758.0	493.88884 (14121807)	443.22117 (15010808)	465.06559 (15011909)	506.67262 (15112607)	536.09936 (15112607)
4215738.0	536.09042 (14121807)	512.47012 (14121807)	491.74496 (16112507)	534.21456 (15112607)	590.94778 (15112607)
4215718.0	557.48423 (14121807)	592.71099 (14121807)	534.49047 (15010808)	578.30412 (15011909)	650.94125 (15112607)
4215698.0	590.13952 (16010609)	648.70976 (14121807)	627.39595 (14121807)	627.14432 (15011909)	716.28285 (15112607)
4215678.0	637.05647 (16010609)	679.50914 (14121807)	739.15537 (14121807)	671.64517 (16112507)	787.28157 (15112607)
4215658.0	704.78819 (15122908)	740.31810 (16010609)	816.41173 (14121807)	814.81285 (14121807)	866.07090 (15112607)
4215638.0	794.36419 (17012307)	815.58960 (15122908)	870.77251 (16010609)	980.25596 (14121807)	959.51790 (15112607)
4215618.0	832.94419 (17012307)	941.68213 (17012307)	973.09286 (15122908)	1104.02316 (14121807)	1181.42252 (14121807)
4215598.0	939.24706 (13111908)	1013.62072 (17012307)	1161.64126 (17012307)	1239.50146 (16010609)	1476.85529 (14121807)
4215578.0	994.66563 (13111908)	1168.92615 (13111908)	1305.76292 (17012307)	1549.21530 (17012307)	1806.06577 (14121807)
4215558.0	995.18332 (14121608)	1269.78766 (13111908)	1574.00215 (13111908)	1890.72801 (13111908)	2038.33519 (17012307)
4215538.0	1189.00602 (13112007)	1409.56070 (15102807)	1787.36422 (13111908)	1843.45713 (13111908)	1760.55120 (13111908)
4215518.0	1458.32728 (15031707)	2094.13735 (15031707)	2012.07342 (15031707)	1795.86489 (15031707)	1587.68281 (13121808)
4215498.0	1427.00936 (14032507)	1873.39542 (13011008)	2130.67603 (14010808)	1896.86516 (14010808)	1836.48166 (15112508)
4215478.0	1354.29931 (13011008)	1575.85905 (14010808)	1662.00343 (14010808)	1881.08133 (13121808)	1969.45273 (14110707)
4215458.0	1206.84728 (14010808)	1205.84244 (14010808)	1382.92793 (13121808)	1452.70748 (15112508)	1562.63114 (13111207)
4215438.0	949.93475 (14010808)	1036.11558 (13121808)	1169.55803 (15112508)	1208.17897 (14110707)	1272.77559 (16112107)
4215418.0	773.72419 (13121808)	965.40873 (13121808)	987.63504 (15112508)	1046.83596 (14110707)	1081.66393 (16112107)
4215398.0	791.95579 (13121808)	861.05780 (15112508)	857.04868 (14110707)	922.23420 (13111207)	939.10826 (16121208)

 4215378.0 | 749.22415 (13121808)   754.51453 (15112508)   792.66988 (14110707)   818.01695 (13111207)
825.33809 (16121208)
 4215358.0 | 684.53572 (15112508)   646.47029 (14110707)   721.97959 (14110707)   736.93365 (16112107)
727.69505 (16121208)
 4215338.0 | 609.04849 (15112508)   625.66390 (14110707)   662.39450 (13111207)   673.53107 (16112107)
642.12373 (16121208)
 4215318.0 | 519.27572 (15112508)   594.09513 (14110707)   610.75932 (13111207)   614.72836 (16121208)
565.63102 (16121208)
 4215298.0 | 503.46212 (14110707)   552.88555 (14110707)   555.65931 (13111207)   568.31322 (16121208)
502.56936 (17012507)
 4215278.0 | 494.33702 (14110707)   515.61423 (13111207)   521.03431 (16112107)   524.06299 (16121208)
462.51404 (17012507)
 4215258.0 | 474.64950 (14110707)   486.03829 (13111207)   490.03799 (16112107)   481.13511 (16121208)
426.19639 (17012507)
 4215238.0 | 445.90539 (14110707)   451.73803 (13111207)   457.28141 (16112107)   440.11901 (16121208)
393.13754 (17012507)
 4215218.0 | 417.31324 (13111207)   413.93870 (13111207)   428.24199 (16121208)   401.37154 (16121208)
362.92224 (17012507)
 4215198.0 | 401.08666 (13111207)   398.64741 (16112107)   405.70799 (16121208)   365.61748 (16121208)
336.94328 (16022607)
 4215178.0 | 379.83138 (13111207)   382.48340 (16112107)   383.06861 (16121208)   340.05701 (17012507)
317.45999 (16022607)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                               INCLUDING SOURCE(S):   PAREA2   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539244.00   539264.00   539284.00   539304.00
539324.00
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- - - - - - - -

 4215158.0 | 354.96900 (13111207)   364.12414 (16112107)   359.97058 (16121208)   322.80205 (17012507)
299.82989 (16022607)
 4215138.0 | 327.98079 (16112107)   343.94880 (16112107)   336.60835 (16121208)   306.18547 (17012507)
282.71554 (16022607)
 4215118.0 | 321.07352 (16112107)   327.30368 (16121208)   313.59258 (16121208)   290.32483 (17012507)
267.58852 (16022607)
 4215098.0 | 311.93803 (16112107)   314.59813 (16121208)   291.10555 (16121208)   275.04780 (17012507)
253.19115 (16022607)
 4215078.0 | 300.88282 (16112107)   300.74430 (16121208)   269.36549 (16121208)   260.58315 (17012507)
239.94592 (16022607)
 4215058.0 | 288.51321 (16112107)   286.55074 (16121208)   251.04189 (17012507)   246.80424 (17012507)
228.24224 (16022607)
 4215038.0 | 274.59021 (16112107)   271.94462 (16121208)   242.51101 (17012507)   233.85006 (17012507)
218.03177 (15010809)
 4215018.0 | 263.26974 (16121208)   257.10768 (16121208)   234.17322 (17012507)   221.51715 (17012507)
209.89419 (15010809)
 4214998.0 | 255.63527 (16121208)   242.41753 (16121208)   225.80719 (17012507)   209.80963 (17012507)
202.28802 (15010809)
 4214978.0 | 247.14659 (16121208)   227.58011 (16121208)   217.57312 (17012507)   198.69886 (17012507)
195.18602 (15010809)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2 ***

INCLUDING SOURCE(S): PAREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539344.00	539364.00	539384.00	539404.00	539424.00
4215958.0	244.51304 (13110607)	255.95968 (14120907)	284.08370 (14120907)	271.83245 (15122108)	276.85994 (15122108)
4215938.0	259.90031 (13110607)	273.73689 (14120907)	299.81297 (14120907)	290.94964 (15122108)	287.63381 (15122108)
4215918.0	276.99806 (13110607)	293.12492 (14120907)	316.54157 (14120907)	310.74349 (15122108)	297.42441 (15122108)
4215898.0	295.95256 (13110607)	314.43460 (14120907)	334.34865 (14120907)	331.20303 (15122108)	319.67490 (15113008)
4215878.0	317.15726 (13110607)	337.95603 (14120907)	353.45497 (14120907)	352.19012 (15122108)	344.37227 (15113008)
4215858.0	340.90556 (13110607)	363.85058 (14120907)	373.83666 (14120907)	373.16025 (15122108)	367.96449 (15113008)
4215838.0	367.70743 (13110607)	392.56236 (14120907)	395.57109 (14120907)	393.97909 (15122108)	391.05350 (15010508)
4215818.0	398.23307 (13110607)	424.60156 (14120907)	421.12115 (15122108)	414.11393 (15122108)	422.28121 (14012807)
4215798.0	433.18952 (13110607)	460.60431 (14120907)	459.60611 (15122108)	453.42161 (15113008)	449.77192 (14012807)
4215778.0	473.48888 (13110607)	501.29593 (14120907)	501.28017 (15122108)	493.55102 (15113008)	484.91195 (15012808)
4215758.0	520.40404 (13110607)	547.83830 (14120907)	546.23218 (15122108)	536.58378 (14012807)	523.88716 (15012808)
4215738.0	575.60751 (13110607)	601.73752 (14120907)	594.60948 (15122108)	587.39861 (14012807)	553.93132 (14011007)
4215718.0	641.38351 (13110607)	665.31308 (14120907)	646.30808 (15122108)	642.04581 (15012808)	622.87993 (14011007)
4215698.0	720.93196 (13110607)	742.06478 (14120907)	726.87918 (15113008)	707.04263 (15012808)	683.22595 (15012008)
4215678.0	819.04331 (13110607)	837.37370 (14120907)	824.06324 (14012807)	792.45880 (14011007)	761.03200 (16012107)
4215658.0	942.78022 (13110607)	960.42682 (14120907)	939.05184 (15012808)	899.70149 (15012008)	841.70367 (16010407)
4215638.0	1104.03704 (15112607)	1135.44304 (15122108)	1089.92428 (14011007)	1032.84872 (16011107)	907.05134 (16010407)
4215618.0	1353.48684 (15112607)	1410.81026 (15122108)	1332.00038 (16012107)	1153.90926 (16010407)	1038.81240 (15112608)
4215598.0	1692.23188 (15112607)	1914.02150 (14012807)	1593.40347 (16010407)	1331.36516 (15112608)	1067.04573 (15112608)
4215578.0	2168.67977 (15112607)	2407.30449 (16010407)	1845.35913 (15112608)	1423.06661 (15011308)	1231.48394 (15011308)
4215558.0	1927.92456 (15112608)	2181.90520 (15011308)	2136.99441 (15011308)	1583.28676 (15011308)	1282.12795 (15012007)
4215538.0	1749.26834 (15011308)	2081.76427 (15012007)	2375.32147 (15012007)	1774.46508 (15012007)	1397.92767 (15012007)
4215518.0	1614.37022 (13111808)	1962.13037 (13111808)	2252.67275 (13111808)	1954.92372 (13111808)	1511.54348 (13111808)
4215498.0	1818.10176 (16121208)	1955.20974 (17011208)	2177.24357 (17011208)	2146.25544 (13111808)	1576.51495 (13111808)
4215478.0	2034.29061 (16121208)	2051.46629 (13120208)	2051.83671 (16120107)	1743.33730 (17011208)	1599.34116 (17011208)
4215458.0	1585.97799 (16121208)	1608.18582 (13120208)	1557.59985 (15011508)	1501.11957 (16011507)	1101.12126 (16033107)

 4215438.0 | 1233.99675 (16121207)   1288.37421 (13120208)   1264.02392 (15011508)   1214.14105 (16011507)
1062.30668 (16112908)
 4215418.0 | 1033.51860 (16121207)   1084.26887 (16121207)   1066.40700 (15011508)   1044.02010 (16120107)
999.46570 (16011507)
 4215398.0 | 892.65510 (16121207)   944.84546 (16121207)   917.75258 (15012109)   906.78082 (15012108)
885.90293 (16011507)
 4215378.0 | 785.82584 (16121207)   837.88748 (16121207)   805.94069 (15012109)   814.84080 (15011508)
791.18439 (16120107)
 4215358.0 | 702.71420 (16121207)   753.44069 (16121207)   729.58919 (13120208)   739.51437 (15011508)
716.62265 (16120107)
 4215338.0 | 634.42372 (16121207)   684.64995 (16121207)   671.12673 (13120208)   666.45827 (15011508)
647.34601 (15012108)
 4215318.0 | 577.44354 (16121207)   626.77272 (16121207)   618.70444 (13120208)   606.87335 (15012109)
592.93978 (15011508)
 4215298.0 | 528.92411 (16121207)   577.64061 (16121207)   571.50707 (13120208)   556.53222 (15012109)
559.72707 (15011508)
 4215278.0 | 486.91819 (16121207)   535.26405 (16121207)   529.31173 (13120208)   507.74481 (15012109)
520.03015 (15011508)
 4215258.0 | 450.13946 (16121207)   497.91841 (16121207)   490.79999 (13120208)   460.86818 (15012109)
476.96448 (15011508)
 4215238.0 | 417.28786 (16121207)   465.20119 (16121207)   455.42792 (13120208)   432.95322 (13120208)
448.55306 (15012109)
 4215218.0 | 388.22042 (16121207)   435.94808 (16121207)   422.74695 (13120208)   415.00174 (13120208)
420.75753 (15012109)
 4215198.0 | 362.12690 (16121207)   409.62170 (16121207)   392.37199 (13120208)   396.73896 (13120208)
391.35112 (15012109)
 4215178.0 | 338.92993 (16121207)   385.77723 (16121207)   363.90151 (13120208)   378.54609 (13120208)
361.12868 (15012109)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                               INCLUDING SOURCE(S):   PAREA2   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539344.00   539364.00   539384.00   539404.00
539424.00
 -
- - - - - - - -

 4215158.0 | 318.08021 (16121207)   364.55039 (16121207)   342.93357 (16121207)   360.19393 (13120208)
330.74238 (15012109)
 4215138.0 | 299.00208 (16121207)   345.31698 (16121207)   328.63021 (16121207)   342.07341 (13120208)
307.57396 (13120208)
 4215118.0 | 281.53113 (16121207)   327.59156 (16121207)   316.18655 (16121207)   324.26148 (13120208)
301.21633 (13120208)
 4215098.0 | 267.00686 (15010809)   311.56876 (16121207)   304.48904 (16121207)   307.88784 (13120208)
293.65713 (13120208)
 4215078.0 | 254.78517 (15010809)   296.38321 (16121207)   293.46306 (16121207)   291.79373 (13120208)
285.95915 (13120208)
 4215058.0 | 243.72085 (15010809)   282.25220 (16121207)   282.64514 (16121207)   275.77621 (13120208)
277.93610 (13120208)
 4215038.0 | 233.68535 (15010809)   269.07727 (16121207)   271.99224 (16121207)   260.18729 (13120208)
268.82752 (13120208)
 4215018.0 | 224.19694 (15010809)   256.77035 (16121207)   262.24650 (16121207)   244.86420 (13120208)
259.31847 (13120208)
 4214998.0 | 215.56366 (15010809)   245.25125 (16121207)   252.58461 (16121207)   230.35925 (13120208)
249.50592 (13120208)
 4214978.0 | 207.34520 (15010809)   234.41717 (16121207)   243.35529 (16121207)   216.21534 (13120208)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2 ***

INCLUDING SOURCE(S): PAREA2 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539444.00	539464.00	539484.00	539504.00	539524.00
4215958.0	273.97950 (15113008)	273.71161 (14012807)	267.46319 (15012808)	253.28371 (15012808)	255.61418 (14011007)
4215938.0	289.41968 (15113008)	286.15641 (14012807)	282.10173 (15012808)	257.97635 (14011007)	271.08227 (14011007)
4215918.0	304.15599 (15010508)	295.26427 (14012807)	292.38850 (15012808)	284.57194 (14011007)	281.41615 (16010107)
4215898.0	324.18991 (14012807)	317.57201 (15012808)	297.08478 (15012808)	305.64216 (14011007)	297.53426 (15121507)
4215878.0	343.56400 (14012807)	336.72902 (15012808)	318.66837 (14011007)	318.94553 (16010107)	316.04263 (15012008)
4215858.0	359.18211 (14012807)	349.79673 (15012808)	347.47739 (14011007)	338.76779 (15121507)	335.20812 (16012107)
4215838.0	385.64705 (15012808)	359.55127 (14011007)	366.78236 (14011007)	361.81822 (15012008)	346.46561 (16011107)
4215818.0	411.97922 (15012808)	399.33430 (14011007)	390.58590 (15121507)	384.47178 (16012107)	372.35007 (16011107)
4215798.0	429.85821 (15012808)	428.25967 (14011007)	419.83078 (15012008)	406.52552 (16011107)	383.46952 (16010407)
4215778.0	465.82049 (14011007)	458.05189 (15121507)	446.49505 (16012107)	427.20451 (16011107)	416.18301 (16010407)
4215758.0	509.85972 (14011007)	498.06642 (16012107)	480.20097 (16011107)	460.43996 (16010407)	414.73603 (16010407)
4215738.0	549.84063 (15121507)	531.80861 (16011107)	508.02661 (16010407)	473.49856 (16010407)	425.24552 (13111508)
4215718.0	605.85995 (16012107)	570.88493 (16011107)	541.75217 (16010407)	476.81000 (13111508)	446.49571 (15112608)
4215698.0	659.70570 (16011107)	622.36495 (16010407)	540.33956 (13111508)	510.96576 (15112608)	522.57340 (15112608)
4215678.0	719.83222 (16010407)	620.94014 (13111508)	592.62518 (15112608)	589.78500 (15112608)	520.93711 (15112608)
4215658.0	741.28912 (16010407)	698.68534 (15112608)	671.07915 (15112608)	574.97841 (15112608)	469.08967 (17012008)
4215638.0	840.91620 (15112608)	770.54578 (15112608)	638.97649 (15112608)	557.83924 (17012008)	567.43887 (15011308)
4215618.0	896.24402 (15112608)	718.14584 (15112608)	709.65242 (15011308)	692.58011 (15011308)	642.05361 (15011308)
4215598.0	944.39545 (15011308)	887.78353 (15011308)	800.82083 (15011308)	698.09616 (15011308)	586.87950 (15011308)
4215578.0	1054.16301 (15011308)	889.08280 (15011308)	781.55666 (15012007)	739.48553 (15012007)	692.52977 (15012007)
4215558.0	1122.29476 (15012007)	993.90190 (15012007)	881.99042 (15012007)	778.70405 (15012007)	680.00674 (15012007)
4215538.0	1144.19072 (15012007)	945.52224 (15012007)	775.62612 (15012007)	633.72322 (13111808)	570.45342 (13111808)
4215518.0	1246.92838 (13111808)	1066.57671 (13111808)	934.00199 (13111808)	828.98214 (13111808)	743.66413 (13111808)

 4215498.0 | 1250.95874 (13111808)   1045.23542 (13111808)   902.38512 (13111808)   795.74380 (13111808)
712.50286 (13111808)
 4215478.0 | 1287.40342 (17011208)   1016.96937 (17011208)   801.24791 (17011208)   627.40408 (17011208)
485.23589 (17011208)
 4215458.0 | 999.81610 (17011208)   997.28951 (17011208)   912.38040 (17011208)   793.63112 (17011208)
669.68211 (17011208)
 4215438.0 | 839.88100 (13011107)   784.36928 (16033107)   680.57762 (16033107)   708.49061 (17011208)
688.46315 (17011208)
 4215418.0 | 798.65381 (16112908)   687.54383 (13011107)   628.39219 (16033107)   588.56055 (16033107)
503.36438 (16033107)
 4215398.0 | 788.24618 (16112908)   638.50207 (17012308)   580.93414 (13011107)   507.50172 (16033107)
504.07526 (16033107)
 4215378.0 | 764.63853 (16011507)   656.03509 (16112908)   549.06492 (17012308)   501.66095 (13011107)
435.49268 (13011107)
 4215358.0 | 697.83306 (16011507)   628.19221 (16011507)   545.00210 (16112908)   479.17970 (17012308)
440.08278 (13011107)
 4215338.0 | 627.86238 (16120107)   621.99324 (16011507)   546.22521 (16112908)   453.49739 (16112908)
423.55129 (17012308)
 4215318.0 | 590.84812 (16120107)   572.71735 (16011507)   533.57971 (16011507)   477.56112 (16112908)
396.60983 (17012308)
 4215298.0 | 540.77581 (16121907)   514.04670 (16120107)   523.71233 (16011507)   456.95210 (16112908)
415.61072 (16112908)
 4215278.0 | 496.54670 (15012108)   498.02071 (16120107)   482.15892 (16011507)   463.49504 (16011507)
413.86864 (16112908)
 4215258.0 | 460.68246 (15011508)   464.02652 (16120107)   432.49105 (16120107)   449.96608 (16011507)
397.83389 (16011507)
 4215238.0 | 445.37238 (15011508)   430.55491 (15012108)   427.42941 (16120107)   412.66811 (16011507)
407.90745 (16011507)
 4215218.0 | 422.61507 (15011508)   396.98517 (15012108)   406.23690 (16120107)   371.01160 (16120107)
391.83284 (16011507)
 4215198.0 | 394.87396 (15011508)   374.56123 (15011508)   379.06884 (16121907)   372.10302 (16120107)
357.16608 (16011507)
 4215178.0 | 368.05951 (15012109)   367.25534 (15011508)   354.07870 (15012108)   358.67332 (16120107)
322.99554 (16120107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                               INCLUDING SOURCE(S):   PAREA2   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539444.00   539464.00   539484.00   539504.00
539524.00
 -
- - - - - - - -

 4215158.0 | 353.06051 (15012109)   353.37862 (15011508)   325.14384 (15012108)   337.22961 (16121907)
327.31244 (16120107)
 4215138.0 | 334.93535 (15012109)   334.32474 (15011508)   313.63131 (15011508)   316.35472 (15012108)
319.38515 (16120107)
 4215118.0 | 314.75666 (15012109)   311.86662 (15011508)   309.90436 (15011508)   295.61017 (15012108)
301.73795 (16121907)
 4215098.0 | 293.26891 (15012109)   298.48880 (15012109)   300.74446 (15011508)   270.27982 (15012108)
285.31941 (16121907)
 4215078.0 | 271.09641 (15012109)   287.95357 (15012109)   287.38175 (15011508)   268.23277 (15011508)
269.22422 (15012108)
 4215058.0 | 248.88636 (15012109)   275.01402 (15012109)   270.73302 (15011508)   266.54590 (15011508)
249.95143 (15012108)
 4215038.0 | 235.05111 (14122407)   260.38661 (15012109)   254.46821 (15012109)   260.35009 (15011508)

 4215958.0 | 251.07888 (15121507)   248.88911 (15012008)   245.22034 (16012107)   238.87923 (16011107)
227.67152 (16011107)
 4215938.0 | 264.17883 (15121507)   262.02267 (16012107)   249.65019 (16011107)   248.08679 (16011107)
236.12577 (16010407)
 4215918.0 | 279.09246 (15012008)   272.38507 (16012107)   267.24758 (16011107)   245.86541 (16011107)
252.91904 (16010407)
 4215898.0 | 294.97760 (16012107)   284.13911 (16011107)   272.77971 (16011107)   269.73305 (16010407)
255.84210 (16010407)
 4215878.0 | 304.91427 (16012107)   299.66077 (16011107)   286.40425 (16010407)   279.51473 (16010407)
243.55894 (16010407)
 4215858.0 | 324.87637 (16011107)   301.98376 (16010407)   304.65716 (16010407)   271.74283 (16010407)
247.94521 (13111508)
 4215838.0 | 335.92647 (16011107)   330.69057 (16010407)   302.99395 (16010407)   266.87005 (13111508)
264.62189 (13111508)
 4215818.0 | 357.22834 (16010407)   337.37508 (16010407)   288.09845 (13111508)   288.06156 (13111508)
263.86970 (13111508)
 4215798.0 | 375.11275 (16010407)   319.20513 (16010407)   314.93726 (13111508)   289.15532 (13111508)
312.11564 (15112608)
 4215778.0 | 363.74406 (16010407)   346.04763 (13111508)   318.54422 (13111508)   342.46765 (15112608)
335.19035 (15112608)
 4215758.0 | 382.40833 (13111508)   352.95232 (13111508)   377.55917 (15112608)   364.04634 (15112608)
320.62250 (15112608)
 4215738.0 | 394.44052 (15112608)   418.40163 (15112608)   396.32783 (15112608)   342.36642 (15112608)
272.49221 (15112608)
 4215718.0 | 466.24435 (15112608)   432.85842 (15112608)   365.96157 (15112608)   290.30248 (17012008)
306.88264 (17012008)
 4215698.0 | 474.02948 (15112608)   391.57097 (15112608)   344.11740 (17012008)   348.16554 (17012008)
329.93592 (17012008)
 4215678.0 | 419.95703 (15112608)   402.00312 (17012008)   387.66884 (17012008)   401.54916 (15011308)
403.06885 (15011308)
 4215658.0 | 460.83894 (17012008)   471.31079 (15011308)   471.69024 (15011308)   448.67718 (15011308)
408.39464 (15011308)
 4215638.0 | 563.60197 (15011308)   530.89000 (15011308)   478.23592 (15011308)   413.60524 (15011308)
343.81852 (15011308)
 4215618.0 | 570.63423 (15011308)   486.90605 (15011308)   398.41915 (15011308)   403.06740 (15012007)
405.00970 (15012007)
 4215598.0 | 543.54006 (15012007)   534.05666 (15012007)   516.00475 (15012007)   490.82921 (15012007)
460.13260 (15012007)
 4215578.0 | 641.16178 (15012007)   586.14049 (15012007)   528.80570 (15012007)   470.88857 (15012007)
414.31879 (15012007)

 4215558.0 | 585.71873 (15012007)   497.53740 (15012007)   429.61658 (15020508)   379.39445 (15020508)
334.53651 (15020508)
 4215538.0 | 522.01751 (15122507)   481.44330 (15122507)   445.97672 (15122507)   414.58705 (15122507)
386.61941 (15122507)
 4215518.0 | 672.45906 (13111808)   612.25920 (13111808)   560.59991 (13111808)   515.77827 (13111808)
476.55442 (13111808)
 4215498.0 | 645.22176 (13111808)   589.56451 (13111808)   542.38588 (13111808)   501.91041 (13111808)
466.60851 (13111808)
 4215478.0 | 413.40527 (13102107)   385.23859 (13102107)   361.72902 (13111808)   346.60849 (13111808)
332.37247 (13111808)
 4215458.0 | 552.77359 (17011208)   447.48665 (17011208)   356.00240 (17011208)   278.68821 (17011208)
235.36668 (13102107)
 4215438.0 | 635.11387 (17011208)   564.38527 (17011208)   487.06818 (17011208)   410.49536 (17011208)
339.11111 (17011208)
 4215418.0 | 536.05281 (17011208)   540.64146 (17011208)   518.72463 (17011208)   478.75552 (17011208)
428.33228 (17011208)
 4215398.0 | 458.68897 (16033107)   388.65540 (16033107)   422.18934 (17011208)   436.21898 (17011208)
430.36274 (17011208)
 4215378.0 | 429.31590 (16033107)   410.84818 (16033107)   366.77225 (16033107)   309.16640 (17011208)
342.06730 (17011208)
 4215358.0 | 390.90947 (13011107)   364.40043 (16033107)   363.78462 (16033107)   339.42681 (16033107)
299.10861 (16033107)
 4215338.0 | 390.18968 (13011107)   353.50094 (13011107)   308.94763 (16033107)   319.59310 (16033107)
309.72908 (16033107)
 4215318.0 | 377.67266 (17012308)   348.73999 (13011107)   321.58737 (13011107)   269.58760 (13011107)
279.47715 (16033107)
 4215298.0 | 359.85061 (17012308)   339.45295 (17012308)   314.30481 (13011107)   294.28408 (13011107)
252.22260 (13011107)
 4215278.0 | 360.88950 (16112908)   328.24174 (17012308)   307.49591 (17012308)   285.17629 (13011107)
270.57253 (13011107)
 4215258.0 | 372.45754 (16112908)   313.29077 (16112908)   300.92213 (17012308)   280.24220 (17012308)
260.27845 (13011107)
 4215238.0 | 355.83782 (16112908)   333.51463 (16112908)   272.26107 (16112908)   277.03291 (17012308)
256.82725 (17012308)
 4215218.0 | 359.98254 (16011507)   328.80753 (16112908)   297.80047 (16112908)   250.14575 (17012308)
255.98079 (17012308)
 4215198.0 | 362.19951 (16011507)   310.39354 (16011507)   301.98913 (16112908)   265.39032 (16112908)
234.12297 (17012308)
 4215178.0 | 344.20219 (16011507)   326.82348 (16011507)   287.24914 (16112908)   275.99540 (16112908)
236.27583 (16112908)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                               INCLUDING SOURCE(S):   PAREA2   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539544.00   539564.00   539584.00   539604.00
539624.00
 -
- - - - - - - -

 4215158.0 | 311.61718 (16011507)   323.70280 (16011507)   288.62432 (16011507)   269.44355 (16112908)
251.35839 (16112908)
 4215138.0 | 284.83845 (16120107)   304.68627 (16011507)   297.64197 (16011507)   250.47236 (16011507)
251.36725 (16112908)
 4215118.0 | 290.98575 (16120107)   274.24139 (16011507)   290.81930 (16011507)   268.29265 (16011507)
238.10046 (16112908)
 4215098.0 | 286.67713 (16120107)   254.04386 (16120107)   271.21989 (16011507)   271.72892 (16011507)

237.66532 (16011507)
 4215078.0 | 273.67066 (16120107)   260.96734 (16120107)   242.69246 (16011507)   262.24241 (16011507)
249.09316 (16011507)
 4215058.0 | 259.86468 (16121907)   258.99121 (16120107)   228.45468 (16120107)   242.49927 (16011507)
248.38667 (16011507)
 4215038.0 | 245.53753 (15012108)   249.36923 (16120107)   235.53679 (16120107)   215.79974 (16011507)
237.07181 (16011507)
 4215018.0 | 231.06886 (15012108)   237.34904 (16121907)   235.12327 (16120107)   206.81145 (16120107)
217.60113 (16011507)
 4214998.0 | 213.31301 (15012108)   224.21436 (15012108)   228.13492 (16120107)   213.97913 (16120107)
192.77948 (16011507)
 4214978.0 | 202.42768 (15011508)   213.61368 (15012108)   217.46320 (16121907)   214.67285 (16120107)
188.43020 (16120107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                                INCLUDING SOURCE(S):   PAREA2   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539644.00   539664.00   539684.00   539704.00
539724.00
 -
- - - - - - - -

 4215958.0 | 225.44777 (16010407)   219.28180 (16010407)   194.19055 (16010407)   175.50736 (13111508)
178.90851 (13111508)
 4215938.0 | 235.95428 (16010407)   213.13786 (16010407)   184.95041 (13111508)   190.12229 (13111508)
183.18574 (13111508)
 4215918.0 | 233.72598 (16010407)   195.65745 (16010407)   202.25767 (13111508)   195.85295 (13111508)
183.80906 (16012908)
 4215898.0 | 218.18624 (16010407)   215.73972 (13111508)   209.88151 (13111508)   195.79132 (16012908)
208.78031 (15112608)
 4215878.0 | 230.98445 (13111508)   225.89802 (13111508)   209.30955 (16012908)   224.46386 (15112608)
231.15497 (15112608)
 4215858.0 | 244.06498 (13111508)   224.80938 (16012908)   242.28588 (15112608)   247.55287 (15112608)
234.84744 (15112608)
 4215838.0 | 242.46029 (16012908)   262.68241 (15112608)   265.86854 (15112608)   249.13882 (15112608)
217.96609 (15112608)
 4215818.0 | 285.81961 (15112608)   286.46542 (15112608)   264.84670 (15112608)   227.97855 (15112608)
183.78354 (15112608)
 4215798.0 | 309.45080 (15112608)   281.95738 (15112608)   238.47874 (15112608)   188.90211 (13012907)
186.55916 (17012008)
 4215778.0 | 300.50104 (15112608)   249.52546 (15112608)   202.51853 (13012907)   214.09984 (17012008)
221.63716 (17012008)
 4215758.0 | 260.84472 (15112608)   228.77777 (17012008)   243.50432 (17012008)   244.12248 (17012008)
232.55691 (17012008)
 4215738.0 | 266.46462 (17012008)   273.73343 (17012008)   265.09979 (17012008)   260.41993 (15011308)
272.23786 (15011308)
 4215718.0 | 303.14236 (17012008)   291.39260 (15011308)   306.40443 (15011308)   307.34901 (15011308)
296.12380 (15011308)
 4215698.0 | 348.34552 (15011308)   349.73867 (15011308)   336.02799 (15011308)   310.46177 (15011308)
277.16980 (15011308)
 4215678.0 | 385.55377 (15011308)   353.83315 (15011308)   312.97052 (15011308)   267.60304 (15011308)
221.83752 (15011308)
 4215658.0 | 357.31118 (15011308)   301.37873 (15011308)   245.84676 (15011308)   238.86251 (15012007)
250.72041 (15012007)
 4215638.0 | 300.15800 (15012007)   312.41832 (15012007)   318.51265 (15012007)   319.00304 (15012007)
314.53694 (15012007)

 4215618.0 | 399.51659 (15012007)   387.72711 (15012007)   370.67815 (15012007)   350.18020 (15012007)
326.93526 (15012007)
 4215598.0 | 425.53798 (15012007)   388.89936 (15012007)   351.41784 (15012007)   314.87232 (15012007)
279.78770 (15012007)
 4215578.0 | 360.88394 (15012007)   318.53095 (15020508)   289.60919 (15020508)   262.83959 (15020508)
238.18792 (15020508)
 4215558.0 | 294.79614 (15020508)   259.98477 (15122507)   248.40878 (15122507)   237.84832 (15122507)
228.01673 (15122507)
 4215538.0 | 361.48257 (15122507)   338.81398 (15122507)   318.46678 (15122507)   300.25297 (15122507)
283.66312 (15122507)
 4215518.0 | 441.99071 (13111808)   411.25884 (13111808)   383.95805 (13111808)   359.63824 (13111808)
337.67879 (13111808)
 4215498.0 | 435.48781 (13111808)   407.84540 (13111808)   383.03970 (13111808)   360.83159 (13111808)
340.71489 (13111808)
 4215478.0 | 318.91634 (13111808)   306.20076 (13111808)   294.16466 (13111808)   282.87906 (13111808)
272.12907 (13111808)
 4215458.0 | 228.87579 (13102107)   221.86790 (13102107)   214.56819 (13102107)   207.11201 (13102107)
199.68759 (13102107)
 4215438.0 | 275.39151 (17011208)   220.29554 (17011208)   173.91547 (17011208)   149.17165 (13102107)
148.47902 (13102107)
 4215418.0 | 373.58844 (17011208)   318.99624 (17011208)   267.43617 (17011208)   220.75849 (17011208)
179.74422 (17011208)
 4215398.0 | 408.87756 (17011208)   376.64930 (17011208)   338.13163 (17011208)   296.97539 (17011208)
256.02665 (17011208)
 4215378.0 | 359.54930 (17011208)   362.03111 (17011208)   351.83479 (17011208)   331.82226 (17011208)
305.12729 (17011208)
 4215358.0 | 254.35825 (17011208)   283.39758 (17011208)   301.46851 (17011208)   308.33905 (17011208)
305.00546 (17011208)
 4215338.0 | 283.86145 (16033107)   247.92906 (16033107)   213.55138 (17011208)   238.94320 (17011208)
256.40439 (17011208)
 4215318.0 | 279.81345 (16033107)   265.31100 (16033107)   239.97149 (16033107)   208.34140 (16033107)
182.18157 (17011208)
 4215298.0 | 243.65629 (16033107)   250.94814 (16033107)   245.15974 (16033107)   228.66134 (16033107)
204.82341 (16033107)
 4215278.0 | 236.39277 (13011107)   212.08969 (16033107)   223.86085 (16033107)   224.47580 (16033107)
215.17658 (16033107)
 4215258.0 | 249.75610 (13011107)   221.84232 (13011107)   184.48723 (16033107)   198.96598 (16033107)
204.22495 (16033107)
 4215238.0 | 238.61253 (13011107)   231.27301 (13011107)   208.51695 (13011107)   176.02460 (13011107)
176.41505 (16033107)
 4215218.0 | 236.42453 (17012308)   219.69544 (13011107)   214.84661 (13011107)   196.25278 (13011107)
168.48461 (13011107)
 4215198.0 | 237.40658 (17012308)   218.58611 (17012308)   203.03721 (13011107)   200.14969 (13011107)
184.99795 (13011107)
 4215178.0 | 219.65847 (17012308)   220.89688 (17012308)   202.85727 (17012308)   188.35020 (13011107)
186.98320 (13011107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: PAREA2
***
                               INCLUDING SOURCE(S):   PAREA2   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539644.00   539664.00   539684.00   539704.00
539724.00
 -
- - - - - - - -

 4215158.0 | 210.86118 (13112207)   206.47268 (17012308)   206.16084 (17012308)   188.94547 (17012308)

175.29473 (13011107)
4215138.0 | 228.40594 (16112908) 193.21632 (13112207) 194.55579 (17012308) 192.94779 (17012308)
176.55720 (17012308)
4215118.0 | 233.37512 (16112908) 207.13463 (16112908) 177.13876 (13112207) 183.60190 (17012308)
181.05585 (17012308)
4215098.0 | 226.05542 (16112908) 215.80851 (16112908) 187.65057 (16112908) 163.88436 (17012308)
173.54490 (17012308)
4215078.0 | 208.81650 (16112908) 213.35995 (16112908) 198.98827 (16112908) 170.67756 (13112207)
156.47904 (17012308)
4215058.0 | 224.54030 (16011507) 201.33237 (16112908) 200.44375 (16112908) 182.99167 (16112908)
158.66762 (13112207)
4215038.0 | 230.99862 (16011507) 199.44587 (16011507) 192.84121 (16112908) 187.54038 (16112908)
168.02359 (16112908)
4215018.0 | 227.23929 (16011507) 211.39042 (16011507) 178.02885 (16112908) 183.71388 (16112908)
174.93203 (16112908)
4214998.0 | 214.85499 (16011507) 214.08843 (16011507) 190.77626 (16011507) 172.83001 (16112908)
174.26865 (16112908)
4214978.0 | 195.96685 (16011507) 208.24423 (16011507) 198.62551 (16011507) 170.07378 (16011507)
166.81455 (16112908)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: PAREA2
***
INCLUDING SOURCE(S): PAREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	1126.68840	(16121208)	539351.84	4215428.70	1189.62694	(16121207)
539361.84	4215428.70	1193.21722	(16121207)	539371.84	4215428.70	1175.46394	(13120208)
539381.84	4215428.70	1162.24065	(15011508)	539341.84	4215438.70	1258.54597	(16121208)
539351.84	4215438.70	1307.09434	(16121207)	539361.84	4215438.70	1305.40361	(16121207)
539371.84	4215438.70	1280.69949	(13120208)	539381.84	4215438.70	1274.24296	(15011508)
539341.84	4215448.70	1418.29028	(16121208)	539351.84	4215448.70	1454.01028	(16121207)
539361.84	4215448.70	1445.65909	(16121207)	539371.84	4215448.70	1411.79980	(13120208)
539381.84	4215448.70	1411.22195	(15011508)	539341.84	4215458.70	1615.83019	(16121208)
539351.84	4215458.70	1643.43310	(16121207)	539361.84	4215458.70	1625.43612	(16121207)
539371.84	4215458.70	1582.73343	(15011508)	539381.84	4215458.70	1583.05277	(15011508)
539341.84	4215468.70	1857.40100	(16121208)	539351.84	4215468.70	1884.08420	(16121207)
539361.84	4215468.70	1857.25683	(16121207)	539371.84	4215468.70	1822.10317	(15011508)
539381.84	4215468.70	1806.08614	(15011508)	539113.88	4215517.52	486.97910	(14013007)
539096.52	4215515.99	437.96281	(14013007)	539108.26	4215501.18	445.64530	(14032507)
539096.01	4215500.67	409.29067	(14032507)	539108.26	4215486.38	534.21828	(14032507)

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       539094.47   4215485.36      495.93952  (14032507)              539135.32   4215461.36      496.41588
(14032507)
       539150.13   4215439.91      510.76134  (14010809)              539114.39   4215452.68      413.04246
(14032507)
       539123.07   4215439.40      438.04479  (13092407)              539159.32   4215421.02      625.74599
(15122508)
       539145.02   4215416.43      570.58525  (15122508)              539134.30   4215410.81      534.82144
(15122508)
       539131.75   4215425.11      482.50507  (14010809)              539206.80   4215383.75      508.49347
(14010808)
       539215.99   4215372.52      577.14301  (16112108)              539188.93   4215382.22      577.04196
(14010808)
       539176.17   4215379.67      599.97388  (14010808)              539165.44   4215376.09      601.63141
(14010808)
       539248.79   4215356.71      678.21588  (15112508)              539243.45   4215348.45      651.39620
(15112508)
       539265.58   4215345.25      642.35848  (14110707)              539260.78   4215338.05      609.75247
(14110707)
       539256.25   4215351.38      633.12950  (15112508)              539272.77   4215331.92      636.54534
(14110707)
       539264.78   4215324.99      608.38254  (14110707)              539280.77   4215321.79      619.00580
(13111207)
       539279.97   4215307.14      584.08881  (13111207)              539287.97   4215313.80      593.83613
(13111207)
       539297.83   4215304.74      583.11889  (16112107)              539289.56   4215296.21      560.32792
(16112107)
       539311.15   4215287.68      531.47398  (16121208)              539303.69   4215281.28      531.46797
(16121208)
       539303.69   4215296.21      564.50030  (16121208)              539314.25   4215271.79      477.97619
(16121208)
       539329.09   4215260.48      418.65143  (16022607)              539339.69   4215237.16      396.55469
(16121207)
       539357.36   4215232.92      450.82552  (16121207)              539394.11   4215199.70      407.16826
(13120208)
       539044.99   4215579.21      280.24617  (15031707)              539034.39   4215591.93      260.16208
(15102807)
       539054.88   4215556.59      356.79440  (15031707)              539058.42   4215538.92      379.36524
(14013007)
       539054.88   4215520.55      375.78445  (14013007)              539082.44   4215477.44      482.84339
(14032507)
       539073.96   4215466.13      461.41808  (14032507)              539098.70   4215440.69      367.89127
(13092407)
       539109.30   4215426.56      406.51653  (13092407)              539117.07   4215415.96      450.43926
(14010809)
       539125.55   4215401.11      520.94026  (15122508)              539158.77   4215367.19      562.86376
(14010808)
       539150.29   4215357.30      524.58198  (14010808)              539184.21   4215339.63      431.69970
(16112108)
       539222.37   4215324.79      580.75195  (15112508)              539243.58   4215317.72      519.86958
(15112508)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 314
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  PAREA2
***
                                INCLUDING SOURCE(S):     PAREA2      ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538744.00   538764.00   538784.00   538804.00
538824.00
 -
- - - - - - - -

 4215958.0 | 102.86394 (13111207)   97.80605 (16112107)   93.12751 (16121208)   88.21922 (15012109)
85.30520 (15012109)
 4215938.0 | 101.10804 (16112107)   92.68782 (16112107)   88.58592 (16121208)   84.72619 (16121208)
81.03172 (15012109)
 4215918.0 | 96.07874 (16112107)   91.85818 (16121208)   84.56355 (16121208)   81.04802 (16121208)
77.57852 (15012109)
 4215898.0 | 96.66772 (16121208)   87.78840 (16121208)   83.80973 (16121208)   77.73107 (16121208)
74.41010 (16121208)
 4215878.0 | 92.36728 (16121208)   86.36993 (16121208)   80.37218 (16121208)   76.10949 (16121208)
71.58898 (16121207)
 4215858.0 | 88.46248 (16121208)   83.08670 (16121208)   77.95769 (16121208)   73.20605 (16121208)
71.87396 (16121207)

 4215838.0 | 84.66471 (16121208)   79.79357 (16121208)   76.41254 (16121207)   73.04079 (16121207)
69.40394 (16121207)
 4215818.0 | 81.36394 (16121208)   76.17992 (16121208)   73.55222 (16121207)   73.69410 (16121207)
70.38693 (16121207)
 4215798.0 | 78.32421 (16121208)   73.45633 (16121208)   73.61725 (16121207)   71.32049 (16121207)
70.47662 (16121207)
 4215778.0 | 74.98074 (16121208)   70.87430 (16121208)   71.13409 (16121207)   69.07239 (16121207)
68.51724 (16121207)
 4215758.0 | 72.37337 (16121208)   69.06063 (16121207)   68.77088 (16121207)   68.79736 (16121207)
67.48802 (16121207)
 4215738.0 | 69.94277 (16121208)   66.60633 (16121207)   66.51806 (16121207)   66.86238 (16121207)
65.92551 (16121207)
 4215718.0 | 67.30149 (16121208)   64.27685 (16121207)   65.71442 (16121207)   65.00745 (16121207)
64.42484 (16121207)
 4215698.0 | 65.16393 (16121208)   62.85285 (16121207)   63.77194 (16121207)   63.71189 (16121207)
62.79293 (16121207)
 4215678.0 | 63.14915 (16121208)   60.86672 (16121207)   61.91083 (16121207)   62.10668 (16121207)
61.39906 (16121207)
 4215658.0 | 61.26224 (16121208)   58.97834 (16121207)   60.32476 (16121207)   60.56175 (16121207)
60.05944 (16121207)
 4215638.0 | 59.44994 (16121208)   57.18098 (16121207)   58.70590 (16121207)   58.98685 (16121207)
58.46302 (16121207)
 4215618.0 | 57.72463 (16121208)   55.46861 (16121207)   57.22996 (16121207)   57.60790 (16121207)
57.23861 (16121207)
 4215598.0 | 56.07770 (16121208)   53.83549 (16121207)   55.74085 (16121207)   56.28153 (16121207)
56.06026 (16121207)
 4215578.0 | 54.50153 (16121208)   52.34666 (16121207)   54.31103 (16121207)   55.00378 (16121207)
54.92370 (16121207)
 4215558.0 | 52.98942 (16121208)   50.85302 (16121207)   52.93636 (16121207)   53.77141 (16121207)
53.82567 (16121207)
 4215538.0 | 51.62024 (17012507)   49.64027 (17012507)   51.61309 (16121207)   52.58099 (16121207)
52.76269 (16121207)
 4215518.0 | 50.43099 (17012507)   48.50457 (17012507)   50.33851 (16121207)   51.48836 (16121207)
51.73169 (16121207)
 4215498.0 | 49.29291 (17012507)   47.41457 (17012507)   49.16753 (16121207)   50.37105 (16121207)
50.73076 (16121207)
 4215478.0 | 48.20230 (17012507)   46.36685 (17012507)   47.97907 (16121207)   49.28808 (16121207)
49.75811 (16121207)
 4215458.0 | 47.15568 (17012507)   45.32738 (17012507)   46.83201 (16121207)   48.23792 (16121207)
48.76684 (16121207)
 4215438.0 | 46.11976 (17012507)   44.35620 (17012507)   45.72386 (16121207)   47.21929 (16121207)
47.84802 (16121207)
 4215418.0 | 45.15257 (17012507)   43.41899 (17012507)   44.65285 (16121207)   46.27690 (16121207)
46.95353 (16121207)
 4215398.0 | 44.22079 (17012507)   42.51356 (17012507)   43.61741 (16121207)   45.31492 (16121207)
46.08228 (16121207)
 4215378.0 | 43.32195 (17012507)   41.63775 (17012507)   42.65769 (16121207)   44.38056 (16121207)
45.23321 (16121207)
 4215358.0 | 42.45382 (17012507)   40.76084 (17012507)   41.68617 (16121207)   43.47270 (16121207)
44.40550 (16121207)
 4215338.0 | 41.61437 (17012507)   39.93924 (17012507)   40.74563 (16121207)   42.59025 (16121207)
43.63460 (16121207)
 4215318.0 | 40.77374 (17012507)   39.14193 (17012507)   39.83476 (16121207)   41.73223 (16121207)
42.84607 (16121207)
 4215298.0 | 39.98668 (17012507)   38.36743 (17012507)   38.95236 (16121207)   40.93230 (16121207)
42.10930 (16121207)
 4215278.0 | 39.22319 (17012507)   37.61442 (17012507)   38.12842 (16121207)   40.11903 (16121207)
41.38770 (16121207)
 4215258.0 | 38.48186 (17012507)   36.88171 (17012507)   37.29787 (16121207)   39.32767 (16121207)
40.65255 (16121207)
 4215238.0 | 37.76136 (17012507)   36.14212 (17012507)   36.49250 (16121207)   38.55741 (16121207)
39.96210 (16121207)
 4215218.0 | 37.06041 (17012507)   35.44723 (17012507)   35.71133 (16121207)   37.80752 (16121207)
39.23353 (16121207)
 4215198.0 | 36.35188 (17012507)   34.76944 (17012507)   34.95340 (16121207)   37.07730 (16121207)
38.54854 (16121207)
 4215178.0 | 35.68710 (17012507)   34.13002 (16022607)   34.21781 (16121207)   36.39203 (16121207)
37.87925 (16121207)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00
4215158.0	35.03868 (17012507)	33.62745 (16022607)	33.52571 (16121207)	35.69813 (16121207)	37.20040 (16121207)
4215138.0	34.40580 (17012507)	33.13867 (16022607)	32.83109 (16121207)	35.02205 (16121207)	36.56196 (16121207)
4215118.0	33.78767 (17012507)	32.69242 (16022607)	32.15638 (16121207)	34.36318 (16121207)	35.93784 (16121207)
4215098.0	33.15856 (17012507)	32.22822 (16022607)	31.64660 (13032807)	33.72096 (16121207)	35.35004 (16121207)
4215078.0	32.56808 (17012507)	31.77592 (16022607)	31.21585 (13032807)	33.11512 (16121207)	34.75255 (16121207)
4215058.0	31.99036 (17012507)	31.33499 (16022607)	30.79659 (13032807)	32.50366 (16121207)	34.16817 (16121207)
4215038.0	31.42486 (17012507)	30.90485 (16022607)	30.41587 (13032807)	31.90727 (16121207)	33.59652 (16121207)
4215018.0	30.87110 (17012507)	30.50865 (16022607)	30.01710 (13032807)	31.32543 (16121207)	33.03722 (16121207)
4214998.0	30.35332 (16022607)	30.09778 (16022607)	29.62829 (13032807)	30.75766 (16121207)	32.50803 (16121207)
4214978.0	29.98122 (16022607)	29.69641 (16022607)	29.24906 (13032807)	30.20343 (16121207)	31.97161 (16121207)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538844.00	538864.00	538884.00	538904.00	538924.00
4215958.0	82.21909 (15012109)	79.00221 (15012109)	75.83019 (15012109)	74.55058 (16121207)	71.12416 (16011507)

 4215938.0 | 78.91298 (16121207)   77.46980 (16121207)   73.02669 (15012109)   71.80302 (16121207)
71.55839 (16121207)
 4215918.0 | 75.76340 (16121207)   74.55658 (16121207)   73.50067 (16121207)   69.30571 (16121207)
69.11016 (16121207)
 4215898.0 | 72.87228 (16121207)   71.90152 (16121207)   71.03447 (16121207)   69.99022 (16121207)
66.84805 (16121207)
 4215878.0 | 70.26847 (16121207)   69.41882 (16121207)   68.70610 (16121207)   67.80937 (16121207)
66.64755 (16121207)
 4215858.0 | 71.27022 (16121207)   67.14189 (16121207)   66.50244 (16121207)   65.77829 (16121207)
64.71961 (16121207)
 4215838.0 | 68.93481 (16121207)   65.02185 (16121207)   64.49872 (16121207)   63.81221 (16121207)
62.91547 (16121207)
 4215818.0 | 66.76582 (16121207)   63.05207 (16121207)   62.58802 (16121207)   62.03863 (16121207)
61.30454 (16121207)
 4215798.0 | 64.74284 (16121207)   64.08154 (16121207)   60.84291 (16121207)   60.43714 (16121207)
59.71038 (16121207)
 4215778.0 | 66.93662 (16121207)   64.38049 (16121207)   61.73009 (16121207)   60.56222 (16121207)
59.08912 (16121207)
 4215758.0 | 65.51591 (16121207)   63.53693 (16121207)   61.85584 (13120208)   60.46359 (13120208)
58.77017 (13120208)
 4215738.0 | 64.15776 (16121207)   62.16203 (13120208)   60.83772 (13120208)   59.35006 (13120208)
57.79300 (13120208)
 4215718.0 | 62.85697 (16121207)   60.92573 (16121207)   59.77525 (13120208)   58.19994 (13120208)
56.84145 (13120208)
 4215698.0 | 61.22170 (16121207)   59.53912 (13120208)   58.34695 (13120208)   57.16150 (13120208)
55.68338 (15012109)
 4215678.0 | 59.98801 (16121207)   58.24701 (16121207)   57.23347 (13120208)   55.85137 (13120208)
54.70068 (13120208)
 4215658.0 | 58.80802 (16121207)   57.17969 (16121207)   56.21282 (13120208)   54.89570 (13120208)
53.83134 (13120208)
 4215638.0 | 57.32924 (16121207)   55.86648 (16121207)   54.77483 (13120208)   53.97047 (13120208)
52.63037 (13120208)
 4215618.0 | 56.23252 (16121207)   54.86830 (16121207)   53.73788 (13120208)   53.06910 (13120208)
51.82056 (13120208)
 4215598.0 | 55.17842 (16121207)   53.91071 (16121207)   52.72291 (13120208)   51.83680 (13120208)
51.08816 (13120208)
 4215578.0 | 54.16242 (16121207)   52.98923 (16121207)   51.72600 (13120208)   51.01359 (13120208)
50.01158 (13120208)
 4215558.0 | 53.18117 (16121207)   52.10062 (16121207)   50.76075 (16121207)   50.16046 (13120208)
49.25116 (13120208)
 4215538.0 | 52.23117 (16121207)   51.24152 (16121207)   49.99460 (16121207)   49.32161 (13120208)
48.50884 (13120208)
 4215518.0 | 51.30948 (16121207)   50.40922 (16121207)   49.20689 (16121207)   48.49432 (13120208)
47.78120 (13120208)
 4215498.0 | 50.37532 (16121207)   49.57234 (16121207)   48.41942 (16121207)   47.58596 (13120208)
47.02491 (13120208)
 4215478.0 | 49.46701 (16121207)   48.72759 (16121207)   47.67959 (16121207)   46.73002 (13120208)
46.32013 (13120208)
 4215458.0 | 48.58295 (16121207)   47.90227 (16121207)   46.93367 (16121207)   45.88003 (13120208)
45.58228 (13120208)
 4215438.0 | 47.72170 (16121207)   47.13108 (16121207)   46.20514 (16121207)   45.11550 (16121207)
44.89182 (13120208)
 4215418.0 | 46.92201 (16121207)   46.37919 (16121207)   45.52427 (16121207)   44.48836 (16121207)
44.16566 (13120208)
 4215398.0 | 46.14159 (16121207)   45.71344 (16121207)   44.91944 (16121207)   43.92503 (16121207)
43.52346 (13120208)
 4215378.0 | 45.37962 (16121207)   45.02933 (16121207)   44.30005 (16121207)   43.35382 (16121207)
42.84368 (13120208)
 4215358.0 | 44.66970 (16121207)   44.36064 (16121207)   43.69509 (16121207)   42.79724 (16121207)
42.16599 (13120208)
 4215338.0 | 43.94116 (16121207)   43.70666 (16121207)   43.10377 (16121207)   42.25439 (16121207)
41.48998 (13120208)
 4215318.0 | 43.25999 (16121207)   43.12122 (16121207)   42.57194 (16121207)   41.76069 (16121207)
40.84989 (13120208)
 4215298.0 | 42.59170 (16121207)   42.54193 (16121207)   42.06463 (16121207)   41.25828 (16121207)
40.22853 (16121207)
 4215278.0 | 41.96201 (16121207)   41.96940 (16121207)   41.54243 (16121207)   40.78000 (16121207)
39.77287 (16121207)
 4215258.0 | 41.31673 (16121207)   41.40368 (16121207)   41.02674 (16121207)   40.30829 (16121207)

39.32722 (16121207)
 4215238.0 | 40.66059 (16121207)   40.81060 (16121207)   40.49148 (16121207)   39.82187 (16121207)
38.88063 (16121207)
 4215218.0 | 39.99497 (16121207)   40.21091 (16121207)   39.95242 (16121207)   39.33374 (16121207)
38.44407 (16121207)
 4215198.0 | 39.36629 (16121207)   39.60257 (16121207)   39.40716 (16121207)   38.84142 (16121207)
38.00623 (16121207)
 4215178.0 | 38.72758 (16121207)   39.02385 (16121207)   38.86893 (16121207)   38.37002 (16121207)
37.57691 (16121207)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538844.00   538864.00   538884.00   538904.00
538924.00
 -
- - - - - - - -

 4215158.0 | 38.10166 (16121207)   38.43420 (16121207)   38.33757 (16121207)   37.90669 (16121207)
37.16745 (16121207)
 4215138.0 | 37.51150 (16121207)   37.89705 (16121207)   37.85135 (16121207)   37.45106 (16121207)
36.75429 (16121207)
 4215118.0 | 36.93307 (16121207)   37.36958 (16121207)   37.37341 (16121207)   37.01807 (16121207)
36.34831 (16121207)
 4215098.0 | 36.36603 (16121207)   36.85151 (16121207)   36.90354 (16121207)   36.57736 (16121207)
35.93586 (16121207)
 4215078.0 | 35.81008 (16121207)   36.34257 (16121207)   36.44146 (16121207)   36.15897 (16121207)
35.54274 (16121207)
 4215058.0 | 35.26490 (16121207)   35.86158 (16121207)   35.98690 (16121207)   35.73205 (16121207)
35.15584 (16121207)
 4215038.0 | 34.73018 (16121207)   35.36970 (16121207)   35.53961 (16121207)   35.32713 (16121207)
34.80344 (16121207)
 4215018.0 | 34.22472 (16121207)   34.88615 (16121207)   35.09936 (16121207)   34.92842 (16121207)
34.44268 (16121207)
 4214998.0 | 33.70955 (16121207)   34.41073 (16121207)   34.66590 (16121207)   34.55021 (16121207)
34.08745 (16121207)
 4214978.0 | 33.20400 (16121207)   33.94324 (16121207)   34.25458 (16121207)   34.16295 (16121207)
33.73749 (16121207)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538944.00	538964.00	538984.00	539004.00	539024.00
4215958.0	69.40734 (16011507)	67.72122 (16011507)	66.17232 (15012109)	65.46193 (15012109)	64.99144 (15012109)
4215938.0	68.18989 (16121207)	68.04191 (16121207)	67.09419 (13120208)	66.86754 (13120208)	67.02223 (15012109)
4215918.0	65.71628 (16121207)	65.52938 (16121207)	64.54436 (13120208)	64.43431 (13120208)	64.32094 (15012109)
4215898.0	66.30117 (16121207)	65.08738 (16121207)	64.91499 (13120208)	63.88645 (13120208)	64.15586 (15012109)
4215878.0	64.24974 (16121207)	63.07628 (16121207)	62.88235 (13120208)	62.00727 (13120208)	62.07496 (15012109)
4215858.0	62.34209 (16121207)	61.21353 (16121207)	60.98598 (13120208)	60.25533 (13120208)	60.06312 (15012109)
4215838.0	61.60639 (16121207)	60.99390 (13120208)	60.33053 (13120208)	59.51283 (15012109)	59.45975 (15012109)
4215818.0	60.05824 (16121207)	59.43022 (13120208)	58.84841 (13120208)	57.88419 (15012109)	57.90175 (15012109)
4215798.0	58.60615 (16121207)	57.94854 (13120208)	57.45219 (13120208)	56.33291 (15012109)	56.42128 (15012109)
4215778.0	58.33340 (13120208)	57.45182 (13120208)	56.04955 (13120208)	54.98409 (13120208)	54.90901 (15012109)
4215758.0	57.05322 (13120208)	56.27080 (13120208)	55.19472 (13120208)	53.66816 (13120208)	53.46921 (15012109)
4215738.0	56.46178 (13120208)	55.36150 (15012109)	54.06136 (13120208)	53.41522 (15012109)	52.09763 (15012109)
4215718.0	55.68526 (15012109)	54.18805 (13120208)	52.98359 (13120208)	52.17237 (15012109)	50.79067 (15012109)
4215698.0	54.49899 (15012109)	53.68585 (15012109)	52.47071 (15012109)	51.07139 (15012109)	49.58348 (15012109)
4215678.0	53.72436 (15012109)	52.68732 (15012109)	51.84932 (15012109)	50.84512 (15012109)	49.73332 (15012109)
4215658.0	52.68072 (15012109)	51.87388 (15012109)	50.98710 (15012109)	50.16203 (15011508)	49.34294 (15012109)
4215638.0	51.67044 (15012109)	50.99162 (15012109)	50.07112 (15012109)	49.32050 (15012109)	48.83338 (15011508)
4215618.0	50.61314 (15012109)	50.09829 (15012109)	49.30487 (15012109)	48.72386 (15011508)	47.98491 (15011508)
4215598.0	49.85353 (13120208)	49.07443 (15012109)	48.53897 (15012109)	47.84895 (15011508)	47.12925 (15012109)
4215578.0	49.15326 (13120208)	48.22031 (15012109)	47.61522 (15012109)	47.08801 (15012109)	46.59182 (15011508)
4215558.0	48.21573 (13120208)	47.39765 (15012109)	46.87864 (15012109)	46.41473 (15012109)	45.81000 (15011508)
4215538.0	47.53839 (13120208)	46.53655 (13120208)	46.13444 (15012109)	45.52707 (15012109)	45.10868 (15012109)
4215518.0	46.91711 (13120208)	45.92178 (13120208)	45.37657 (15012109)	44.87676 (15012109)	44.32639 (15011508)
4215498.0	46.23687 (13120208)	45.32630 (13120208)	44.37737 (15012109)	44.26335 (15012109)	43.69265 (15012109)
4215478.0	45.60713 (13120208)	44.74752 (13120208)	43.75692 (13120208)	43.35715 (15012109)	43.11387 (15012109)
4215458.0	44.98834 (13120208)	44.18292 (13120208)	43.26252 (13120208)	42.68913 (15012109)	42.29972 (15012109)
4215438.0	44.37824 (13120208)	43.66075 (13120208)	42.75075 (13120208)	42.01198 (15012109)	41.70986 (15012109)
4215418.0	43.77510 (13120208)	43.11743 (13120208)	42.25205 (13120208)	41.32264 (15012109)	41.14942 (15012109)
4215398.0	43.20945 (13120208)	42.58270 (13120208)	41.76457 (13120208)	40.80100 (13120208)	40.54779 (15012109)
4215378.0	42.61582 (13120208)	42.05522 (13120208)	41.28681 (13120208)	40.38964 (13120208)	39.93608 (15012109)
4215358.0	42.02577 (13120208)	41.53371 (13120208)	40.84212 (13120208)	39.96144 (13120208)	

39.31179 (15012109)
 4215338.0 | 41.43845 (13120208)   41.01703 (13120208)   40.37924 (13120208)   39.54222 (13120208)
38.67285 (15012109)
 4215318.0 | 40.88149 (13120208)   40.52905 (13120208)   39.92242 (13120208)   39.13090 (13120208)
38.15152 (13120208)
 4215298.0 | 40.29727 (13120208)   40.01891 (13120208)   39.47058 (13120208)   38.72634 (13120208)
37.81267 (13120208)
 4215278.0 | 39.71399 (13120208)   39.51102 (13120208)   39.02288 (13120208)   38.34869 (13120208)
37.45721 (13120208)
 4215258.0 | 39.15762 (13120208)   39.00467 (13120208)   38.57843 (13120208)   37.95427 (13120208)
37.10755 (13120208)
 4215238.0 | 38.57498 (13120208)   38.49940 (13120208)   38.15762 (13120208)   37.56392 (13120208)
36.76292 (13120208)
 4215218.0 | 37.99232 (13120208)   38.01746 (13120208)   37.71726 (13120208)   37.17680 (13120208)
36.42259 (13120208)
 4215198.0 | 37.40948 (13120208)   37.51266 (13120208)   37.27813 (13120208)   36.79223 (13120208)
36.08578 (13120208)
 4215178.0 | 36.82634 (13120208)   37.00757 (13120208)   36.83966 (13120208)   36.40961 (13120208)
35.77045 (13120208)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538944.00   538964.00   538984.00   539004.00
539024.00
 -
- - - - - - - -

 4215158.0 | 36.24289 (13120208)   36.50188 (13120208)   36.40135 (13120208)   36.04703 (13120208)
35.43850 (13120208)
 4215138.0 | 35.77550 (16121207)   35.97329 (13120208)   35.94222 (13120208)   35.64771 (13120208)
35.10827 (13120208)
 4215118.0 | 35.39419 (16121207)   35.42000 (13120208)   35.48199 (13120208)   35.26737 (13120208)
34.77920 (13120208)
 4215098.0 | 35.03074 (16121207)   34.86377 (13120208)   35.02043 (13120208)   34.86777 (13120208)
34.45077 (13120208)
 4215078.0 | 34.66114 (16121207)   34.33077 (13120208)   34.55741 (13120208)   34.48677 (13120208)
34.12251 (13120208)
 4215058.0 | 34.31016 (16121207)   33.77086 (13120208)   34.09286 (13120208)   34.08540 (13120208)
33.79401 (13120208)
 4215038.0 | 33.97859 (16121207)   33.26248 (13120208)   33.62676 (13120208)   33.68248 (13120208)
33.42984 (13120208)
 4215018.0 | 33.65271 (16121207)   32.75342 (13120208)   33.18268 (13120208)   33.25673 (13120208)
33.06277 (13120208)
 4214998.0 | 33.33220 (16121207)   32.31711 (16121207)   32.71396 (13120208)   32.84985 (13120208)
32.69263 (13120208)
 4214978.0 | 33.01679 (16121207)   32.03420 (16121207)   32.24391 (13120208)   32.44112 (13120208)
32.31930 (13120208)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539044.00	539064.00	539084.00	539104.00	539124.00
4215958.0	63.93100 (15120707)	64.17083 (15120707)	64.02008 (15120707)	63.00118 (16011507)	62.86358 (16011507)
4215938.0	61.59651 (15120707)	61.64717 (15120707)	61.58756 (15120707)	60.68888 (15120707)	60.28667 (16011507)
4215918.0	61.60289 (15012109)	59.44052 (15120707)	59.36983 (15120707)	58.73671 (15120707)	57.90601 (16011507)
4215898.0	62.13990 (15012109)	58.47495 (15011508)	57.35815 (15120707)	56.85316 (15120707)	55.72303 (16011507)
4215878.0	61.69286 (15012109)	59.36431 (15011508)	54.94969 (15120707)	55.11760 (15120707)	54.09000 (15120707)
4215858.0	59.88683 (15012109)	57.24635 (15011508)	56.99812 (15011508)	53.05852 (15120707)	52.72144 (15120707)
4215838.0	58.16685 (15012109)	57.78913 (15011508)	55.31270 (15011508)	53.68173 (15011508)	51.67171 (15120707)
4215818.0	57.47697 (15011508)	56.10218 (15011508)	55.73411 (15011508)	52.54582 (15011508)	51.86654 (15012108)
4215798.0	55.93297 (15012109)	55.92365 (15011508)	54.30746 (15011508)	52.92103 (15011508)	50.28963 (15012108)
4215778.0	54.57857 (15012109)	54.42415 (15011508)	52.89322 (15011508)	51.91438 (15011508)	50.91479 (15012108)
4215758.0	53.22226 (15012109)	52.97905 (15011508)	52.79254 (15011508)	50.96707 (15011508)	49.46150 (15012108)
4215738.0	51.98366 (15012109)	51.58508 (15011508)	51.55166 (15011508)	50.78251 (15011508)	48.37525 (15011508)
4215718.0	50.79355 (15012109)	50.28113 (15012109)	50.42216 (15011508)	49.89014 (15011508)	48.43617 (15012108)
4215698.0	49.64793 (15012109)	49.31827 (15012109)	49.30518 (15011508)	48.98327 (15011508)	47.63104 (15011508)
4215678.0	49.40182 (15012109)	49.20433 (15011508)	49.11339 (15011508)	48.51260 (15011508)	47.09247 (15011508)
4215658.0	49.06349 (15011508)	48.86689 (15011508)	48.49306 (15011508)	47.83885 (15011508)	46.64158 (15011508)
4215638.0	48.48105 (15011508)	48.05002 (15011508)	47.55464 (15011508)	47.10950 (15011508)	46.07185 (15011508)
4215618.0	47.72886 (15011508)	47.34950 (15011508)	46.88484 (15011508)	46.22181 (15011508)	45.40697 (15011508)
4215598.0	46.97331 (15011508)	46.66402 (15011508)	46.24169 (15011508)	45.62398 (15011508)	44.63893 (15011508)
4215578.0	46.26631 (15011508)	45.83981 (15011508)	45.37034 (15011508)	44.78177 (15011508)	44.20663 (15011508)
4215558.0	45.59471 (15011508)	45.22870 (15011508)	44.78859 (15011508)	44.22528 (15011508)	43.46697 (15011508)
4215538.0	44.97857 (15011508)	44.68562 (15011508)	44.28247 (15011508)	43.74622 (15011508)	42.98033 (15011508)
4215518.0	44.17564 (15011508)	43.86473 (15011508)	43.47670 (15011508)	42.98948 (15011508)	42.50880 (15011508)
4215498.0	43.51319 (15011508)	43.28009 (15011508)	42.93528 (15011508)	42.47530 (15011508)	42.05025 (15011508)
4215478.0	42.83024 (15011508)	42.69021 (15011508)	42.40112 (15011508)	41.97540 (15011508)	41.37287 (15011508)
4215458.0	41.95142 (15011508)	41.86406 (15011508)	41.63719 (15011508)	41.48499 (15011508)	

40.96628 (15011508)
 4215438.0 | 41.34919 (15012109)   41.25839 (15011508)   41.09388 (15011508)   40.77980 (15011508)
40.52142 (15011508)
 4215418.0 | 40.85050 (15012109)   40.69005 (15011508)   40.59129 (15011508)   40.32217 (15011508)
39.88210 (15011508)
 4215398.0 | 40.32228 (15012109)   40.05636 (15011508)   40.03850 (15011508)   39.82555 (15011508)
39.42940 (15011508)
 4215378.0 | 39.79064 (15012109)   39.46766 (15012109)   39.47498 (15011508)   39.32590 (15011508)
38.97875 (15011508)
 4215358.0 | 39.25266 (15012109)   38.99254 (15012109)   38.89685 (15011508)   38.81975 (15011508)
38.52698 (15011508)
 4215338.0 | 38.70581 (15012109)   38.51444 (15012109)   38.30070 (15011508)   38.30346 (15011508)
38.07139 (15011508)
 4215318.0 | 38.14814 (15012109)   38.00760 (15012109)   37.68984 (15012109)   37.69665 (15011508)
37.57183 (15011508)
 4215298.0 | 37.55013 (15012109)   37.49283 (15012109)   37.23945 (15012109)   37.11139 (15011508)
37.06215 (15011508)
 4215278.0 | 36.96628 (15012109)   36.96826 (15012109)   36.76063 (15012109)   36.46451 (15011508)
36.53966 (15011508)
 4215258.0 | 36.36751 (15012109)   36.43228 (15012109)   36.29759 (15012109)   35.97868 (15012109)
36.00200 (15011508)
 4215238.0 | 35.74164 (13120208)   35.91051 (15012109)   35.82601 (15012109)   35.57035 (15012109)
35.44718 (15011508)
 4215218.0 | 35.46795 (13120208)   35.37559 (15012109)   35.37004 (15012109)   35.17962 (15012109)
34.87358 (15011508)
 4215198.0 | 35.17709 (13120208)   34.82674 (15012109)   34.90332 (15012109)   34.78133 (15012109)
34.46538 (15012109)
 4215178.0 | 34.88941 (13120208)   34.26334 (15012109)   34.42488 (15012109)   34.37431 (15012109)
34.12039 (15012109)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539044.00   539064.00   539084.00   539104.00
539124.00
 -
- - - - - - - -

 4215158.0 | 34.60433 (13120208)   33.68501 (15012109)   33.95817 (15012109)   33.95751 (15012109)
33.74577 (15012109)
 4215138.0 | 34.32139 (13120208)   33.31289 (13120208)   33.45383 (15012109)   33.53002 (15012109)
33.38507 (15012109)
 4215118.0 | 34.04007 (13120208)   33.07981 (13120208)   32.93579 (15012109)   33.09105 (15012109)
32.99257 (15012109)
 4215098.0 | 33.77699 (13120208)   32.84769 (13120208)   32.40376 (15012109)   32.63991 (15012109)
32.61257 (15012109)
 4215078.0 | 33.49719 (13120208)   32.61616 (13120208)   31.85763 (15012109)   32.17610 (15012109)
32.19889 (15012109)
 4215058.0 | 33.21766 (13120208)   32.38485 (13120208)   31.30079 (13120208)   31.69929 (15012109)
31.77342 (15012109)
 4215038.0 | 32.90467 (13120208)   32.11942 (13120208)   31.08430 (13120208)   31.16347 (15012109)
31.33573 (15012109)
 4215018.0 | 32.58957 (13120208)   31.85242 (13120208)   30.86618 (13120208)   30.61276 (15012109)
30.88555 (15012109)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539144.00	539164.00	539184.00	539204.00	539224.00
4215958.0	61.65842 (16011507)	58.83870 (16011507)	54.21427 (16011507)	51.92431 (17012308)	51.27626 (17012308)
4215938.0	59.59245 (16011507)	57.67398 (16011507)	54.22497 (16011507)	49.80149 (17012308)	49.50963 (17012308)
4215918.0	57.51937 (16011507)	56.22900 (16011507)	53.73302 (16011507)	49.79048 (16011507)	47.71257 (17012308)
4215898.0	55.50139 (16011507)	54.66795 (16011507)	52.87509 (16011507)	49.86325 (16011507)	46.03137 (13112207)
4215878.0	53.62968 (16011507)	53.09623 (16011507)	51.83292 (16011507)	49.54952 (16011507)	46.13103 (16011507)
4215858.0	51.90569 (16011507)	51.54387 (16011507)	50.64611 (16011507)	48.94641 (16011507)	46.25703 (16011507)
4215838.0	50.30855 (16011507)	50.05127 (16011507)	49.41349 (16011507)	48.14698 (16011507)	46.04936 (16011507)
4215818.0	49.10843 (15120707)	48.63066 (16011507)	48.16312 (16011507)	47.22595 (16011507)	45.60146 (16011507)
4215798.0	48.60754 (15120707)	47.31381 (16011507)	46.95129 (16011507)	46.23087 (16011507)	44.98426 (16011507)
4215778.0	48.54010 (15012108)	46.03225 (15120707)	45.49143 (16011507)	45.21525 (16011507)	44.68237 (16011507)
4215758.0	47.29105 (15012108)	47.13671 (15120707)	46.76071 (16120107)	45.76084 (16011507)	46.25695 (16011507)
4215738.0	48.04264 (15012108)	45.93585 (15120707)	45.73304 (16120107)	44.84355 (16120107)	44.77213 (16011507)
4215718.0	46.91622 (15012108)	46.51999 (16120107)	46.50734 (16120107)	45.73895 (16120107)	45.10740 (16011507)
4215698.0	47.27032 (15012108)	45.48948 (15012108)	45.44636 (16120107)	45.06419 (16120107)	43.64278 (16120107)
4215678.0	46.19660 (15012108)	44.50719 (15012108)	44.33256 (16120107)	44.17527 (16120107)	43.19245 (16120107)
4215658.0	45.11072 (15012108)	44.95263 (15012108)	44.74657 (16120107)	43.21454 (16120107)	42.50267 (16120107)
4215638.0	44.29714 (15011508)	44.12734 (15012108)	43.64928 (16120107)	42.21002 (16120107)	41.80664 (16120107)
4215618.0	44.28514 (15012108)	43.18691 (15012108)	42.88758 (15012108)	42.62677 (16120107)	41.02892 (16120107)
4215598.0	44.19496 (15012108)	43.37715 (15012108)	42.13003 (15012108)	41.75458 (16120107)	41.52681 (16120107)
4215578.0	43.67179 (15012108)	42.54233 (15012108)	42.26897 (15012108)	40.96815 (15012108)	40.83013 (16120107)
4215558.0	42.97564 (15012108)	42.44048 (15012108)	41.65439 (15012108)	41.14672 (16120107)	

40.07152 (16120107)
 4215538.0 | 42.26182 (15012108)   41.99770 (15012108)   41.50960 (15012108)   40.55929 (15012108)
39.26385 (16120107)
 4215518.0 | 41.66238 (15012108)   41.43682 (15012108)   41.06117 (15012108)   40.40611 (15012108)
39.55769 (16120107)
 4215498.0 | 41.24345 (15011508)   40.83140 (15012108)   40.50884 (15012108)   39.98798 (15012108)
39.56306 (16120107)
 4215478.0 | 40.85802 (15011508)   40.23588 (15012108)   39.92412 (15012108)   39.52768 (15012108)
39.19085 (16120107)
 4215458.0 | 40.26683 (15011508)   39.61873 (15012108)   39.39377 (15012108)   39.05539 (15012108)
38.62182 (16120107)
 4215438.0 | 39.87252 (15011508)   39.01648 (15011508)   38.90929 (15012108)   38.59364 (15012108)
38.15478 (15012108)
 4215418.0 | 39.48251 (15011508)   38.69715 (15011508)   38.26565 (15012108)   38.11121 (15012108)
37.68250 (15012108)
 4215398.0 | 38.91967 (15011508)   38.42041 (15011508)   37.71275 (15012108)   37.60436 (15012108)
37.27385 (15012108)
 4215378.0 | 38.55448 (15011508)   37.93809 (15011508)   37.21019 (15011508)   37.01566 (15012108)
36.90329 (15012108)
 4215358.0 | 38.15098 (15011508)   37.59170 (15011508)   36.95886 (15011508)   36.55852 (15012108)
36.35307 (15012108)
 4215338.0 | 37.74627 (15011508)   37.24260 (15011508)   36.54761 (15011508)   36.01788 (15012108)
35.89772 (15012108)
 4215318.0 | 37.30270 (15011508)   36.89007 (15011508)   36.26274 (15011508)   35.39456 (15011508)
35.30310 (15012108)
 4215298.0 | 36.89018 (15011508)   36.53294 (15011508)   35.97022 (15011508)   35.14488 (15011508)
34.74075 (15012108)
 4215278.0 | 36.43419 (15011508)   36.17004 (15011508)   35.66986 (15011508)   34.88360 (15011508)
34.15017 (15012108)
 4215258.0 | 35.96814 (15011508)   35.79980 (15011508)   35.36145 (15011508)   34.61137 (15011508)
33.76187 (15011508)
 4215238.0 | 35.48985 (15011508)   35.38722 (15011508)   35.00996 (15011508)   34.36803 (15011508)
33.57340 (15011508)
 4215218.0 | 34.99735 (15011508)   34.92892 (15011508)   34.61367 (15011508)   34.07433 (15011508)
33.26760 (15011508)
 4215198.0 | 34.48895 (15011508)   34.49312 (15011508)   34.24270 (15011508)   33.76964 (15011508)
33.08148 (15011508)
 4215178.0 | 33.96317 (15011508)   34.00583 (15011508)   33.82246 (15011508)   33.45350 (15011508)
32.83887 (15011508)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539144.00   539164.00   539184.00   539204.00
539224.00
 -
- - - - - - - -

 4215158.0 | 33.41879 (15011508)   33.50097 (15011508)   33.38750 (15011508)   33.08532 (15011508)
32.62334 (15011508)
 4215138.0 | 33.03914 (15012109)   32.97747 (15011508)   32.97756 (15011508)   32.74398 (15011508)
32.35282 (15011508)
 4215118.0 | 32.68645 (15012109)   32.47727 (15011508)   32.51131 (15011508)   32.38894 (15011508)
32.10831 (15011508)

 4215098.0 | 32.34762 (15012109)   31.91596 (15011508)   32.02729 (15011508)   32.01949 (15011508)
31.80948 (15011508)
 4215078.0 | 31.99920 (15012109)   31.58695 (15012109)   31.56918 (15011508)   31.63487 (15011508)
31.53516 (15011508)
 4215058.0 | 31.64053 (15012109)   31.29153 (15012109)   31.09396 (15011508)   31.27571 (15011508)
31.24497 (15011508)
 4215038.0 | 31.27107 (15012109)   31.01230 (15012109)   30.64490 (15011508)   30.89975 (15011508)
30.93867 (15011508)
 4215018.0 | 30.91550 (15012109)   30.72253 (15012109)   30.36410 (15012109)   30.50648 (15011508)
30.61590 (15011508)
 4214998.0 | 30.52356 (15012109)   30.42189 (15012109)   30.12740 (15012109)   30.09556 (15011508)
30.27633 (15011508)
 4214978.0 | 30.11974 (15012109)   30.08517 (15012109)   29.87974 (15012109)   29.66679 (15011508)
29.91971 (15011508)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539244.00   539264.00   539284.00   539304.00
539324.00
 -
- - - - - - - -

 4215958.0 | 49.90643 (17012308)   48.98036 (13011107)   47.69464 (13011107)   45.89314 (13011107)
43.60280 (13011107)
 4215938.0 | 48.69601 (17012308)   47.42176 (13011107)   46.58831 (13011107)   45.32236 (13011107)
43.60905 (13011107)
 4215918.0 | 47.25946 (17012308)   46.27809 (17012308)   45.26377 (13011107)   44.41055 (13011107)
43.18231 (13011107)
 4215898.0 | 45.74864 (17012308)   45.14256 (17012308)   44.06009 (17012308)   43.29227 (13011107)
42.44914 (13011107)
 4215878.0 | 44.23845 (17012308)   43.89214 (17012308)   43.17936 (17012308)   42.06022 (13011107)
41.49912 (13011107)
 4215858.0 | 42.93382 (13112207)   42.58882 (17012308)   42.14603 (17012308)   41.35654 (17012308)
40.41215 (13011107)
 4215838.0 | 43.03556 (16011507)   41.30058 (17012308)   41.03526 (17012308)   40.51842 (17012308)
39.66113 (17012308)
 4215818.0 | 43.18061 (16011507)   40.29977 (13112207)   39.89625 (17012308)   39.57661 (17012308)
38.98390 (17012308)
 4215798.0 | 43.05969 (16011507)   40.39886 (16011507)   38.75619 (17012308)   38.57221 (17012308)
38.17892 (17012308)
 4215778.0 | 42.73607 (16011507)   40.55606 (16011507)   38.03097 (13112207)   37.53515 (17012308)
37.29174 (17012308)
 4215758.0 | 46.27854 (16011507)   40.49892 (16011507)   38.11159 (16011507)   36.63111 (13112207)
36.35714 (17012308)
 4215738.0 | 45.05903 (16011507)   42.67453 (16011507)   38.29040 (16011507)   36.02971 (13112207)
35.39001 (17012308)
 4215718.0 | 45.61346 (16011507)   43.61997 (16011507)   39.32817 (16011507)   36.11400 (16011507)
34.79107 (13112207)
 4215698.0 | 44.21990 (16011507)   42.53244 (16011507)   42.06032 (16011507)   37.49782 (16011507)
34.24310 (13112207)
 4215678.0 | 42.78271 (16011507)   41.39716 (16011507)   41.22773 (16011507)   40.47558 (16011507)
35.66487 (16011507)
 4215658.0 | 41.40327 (16011507)   41.87003 (16011507)   40.34020 (16011507)   39.88434 (16011507)

38.82253 (16011507)
 4215638.0 | 40.60402 (16120107)   40.61968 (16011507)   40.92791 (16011507)   39.20835 (16011507)
38.53509 (16011507)
 4215618.0 | 40.08638 (16120107)   39.43737 (16011507)   39.86306 (16011507)   39.97708 (16011507)
39.51753 (16011507)
 4215598.0 | 39.64404 (16120107)   38.55325 (16120107)   38.81452 (16011507)   39.11425 (16011507)
38.96040 (16011507)
 4215578.0 | 39.09447 (16120107)   38.33403 (16120107)   37.74788 (16011507)   38.17530 (16011507)
38.26208 (16011507)
 4215558.0 | 39.67065 (16120107)   38.93442 (16120107)   38.16312 (16011507)   38.67942 (16011507)
38.76366 (16011507)
 4215538.0 | 39.16809 (16120107)   38.70872 (16120107)   37.64440 (16120107)   37.68923 (16011507)
38.03147 (16011507)
 4215518.0 | 38.50926 (16120107)   38.28486 (16120107)   37.42654 (16120107)   36.62649 (16011507)
37.09418 (16011507)
 4215498.0 | 38.77991 (16120107)   38.42037 (16120107)   37.10149 (16120107)   36.00416 (16120107)
36.07804 (16011507)
 4215478.0 | 38.14591 (16120107)   37.97716 (16120107)   37.27371 (16120107)   35.77695 (16120107)
35.09406 (16011507)
 4215458.0 | 38.14093 (16120107)   37.39035 (16120107)   36.89615 (16120107)   35.45152 (16120107)
34.23842 (16120107)
 4215438.0 | 37.84087 (16120107)   37.37542 (16120107)   36.44869 (16120107)   35.69303 (16120107)
34.08618 (16120107)
 4215418.0 | 37.38985 (16120107)   37.08675 (16120107)   36.44622 (16120107)   35.38991 (16120107)
33.91955 (16120107)
 4215398.0 | 36.92241 (16120107)   36.64383 (16120107)   36.19474 (16120107)   35.50581 (16120107)
34.30257 (16120107)
 4215378.0 | 36.44835 (15012108)   36.20079 (16120107)   35.84112 (16120107)   35.30767 (16120107)
34.14066 (16120107)
 4215358.0 | 36.08865 (15012108)   35.75073 (16120107)   35.50938 (16120107)   35.04700 (16120107)
34.23709 (16120107)
 4215338.0 | 35.59417 (15012108)   35.26971 (16120107)   35.12582 (16120107)   34.73677 (16120107)
34.10484 (16120107)
 4215318.0 | 35.08440 (15012108)   34.83587 (15012108)   34.64381 (16120107)   34.38977 (16120107)
33.96269 (16120107)
 4215298.0 | 34.54979 (15012108)   34.42767 (15012108)   34.12940 (16120107)   34.04341 (16120107)
33.66724 (16120107)
 4215278.0 | 33.98875 (15012108)   33.92267 (15012108)   33.64045 (15012108)   33.59546 (16120107)
33.39415 (16120107)
 4215258.0 | 33.39993 (15012108)   33.43713 (15012108)   33.27607 (15012108)   33.17572 (16120107)
33.08048 (16120107)
 4215238.0 | 32.84554 (15012108)   32.97490 (15012108)   32.89443 (15012108)   32.73397 (16120107)
32.67135 (16120107)
 4215218.0 | 32.32365 (15012108)   32.54487 (15012108)   32.55613 (15012108)   32.34904 (15012108)
32.31341 (16120107)
 4215198.0 | 32.26710 (15011508)   32.08427 (15012108)   32.18740 (15012108)   32.07495 (15012108)
31.97970 (16120107)
 4215178.0 | 32.02579 (15011508)   31.63395 (15012108)   31.76917 (15012108)   31.71193 (15012108)
31.47746 (16120107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539244.00   539264.00   539284.00   539304.00

539324.00
- -

4215158.0 | 31.89377 (15011508) 31.14725 (15012108) 31.36270 (15012108) 31.38692 (15012108)
31.16382 (15012108)
4215138.0 | 31.74332 (15011508) 30.92721 (15011508) 30.88005 (15012108) 30.93751 (15012108)
30.80174 (15012108)
4215118.0 | 31.57502 (15011508) 30.84424 (15011508) 30.37218 (15012108) 30.51215 (15012108)
30.46111 (15012108)
4215098.0 | 31.38949 (15011508) 30.74032 (15011508) 29.83880 (15012108) 30.01019 (15012108)
30.04380 (15012108)
4215078.0 | 31.18701 (15011508) 30.57923 (15011508) 29.72759 (15011508) 29.53361 (15012108)
29.59890 (15012108)
4215058.0 | 31.00384 (15011508) 30.43720 (15011508) 29.63380 (15011508) 29.03154 (15012108)
29.17873 (15012108)
4215038.0 | 30.76708 (15011508) 30.27648 (15011508) 29.55657 (15011508) 28.62592 (15011508)
28.78375 (15012108)
4215018.0 | 30.51377 (15011508) 30.09753 (15011508) 29.49373 (15011508) 28.61510 (15011508)
28.36220 (15012108)
4214998.0 | 30.24380 (15011508) 29.93441 (15011508) 29.37430 (15011508) 28.58088 (15011508)
27.91430 (15012108)
4214978.0 | 29.95706 (15011508) 29.71928 (15011508) 29.23532 (15011508) 28.52425 (15011508)
27.60698 (15011508)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1
***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 ,
L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 539344.00 539364.00 539384.00 539404.00
539424.00
- -

4215958.0 | 40.90095 (13011107) 37.87746 (13011107) 37.05150 (17011208) 37.30061 (17011208)
37.52557 (17011208)
4215938.0 | 41.48915 (13011107) 38.99770 (13011107) 36.23072 (13011107) 34.39198 (17011208)
34.69667 (17011208)
4215918.0 | 41.56952 (13011107) 39.59349 (13011107) 37.29157 (13011107) 34.73649 (13011107)
32.14353 (15122408)
4215898.0 | 41.26256 (13011107) 39.73504 (13011107) 37.88108 (13011107) 35.73284 (13011107)
33.36576 (13011107)
4215878.0 | 40.65860 (13011107) 39.50979 (13011107) 38.05766 (13011107) 36.30381 (13011107)
34.30729 (13011107)
4215858.0 | 39.83965 (13011107) 39.01013 (13011107) 37.90207 (13011107) 36.51367 (13011107)
34.86996 (13011107)
4215838.0 | 38.87410 (13011107) 38.29909 (13011107) 37.48201 (13011107) 36.41249 (13011107)
35.09920 (13011107)
4215818.0 | 38.07462 (17012308) 37.42648 (13011107) 36.85119 (13011107) 36.06124 (13011107)
35.04407 (13011107)
4215798.0 | 37.52460 (17012308) 36.57118 (17012308) 36.06564 (13011107) 35.51362 (13011107)
34.74815 (13011107)
4215778.0 | 36.84144 (17012308) 36.14298 (17012308) 35.16298 (17012308) 34.79725 (13011107)
34.25756 (13011107)
4215758.0 | 36.06600 (17012308) 35.57265 (17012308) 34.83964 (17012308) 33.95635 (13011107)

33.60747 (13011107)
 4215738.0 | 35.22580 (17012308)   34.89747 (17012308)   34.36838 (17012308)   33.62016 (17012308)
32.82581 (13011107)
 4215718.0 | 34.33698 (17012308)   34.14381 (17012308)   33.78304 (17012308)   33.23566 (17012308)
32.47209 (17012308)
 4215698.0 | 33.57830 (13112207)   33.33372 (17012308)   33.11394 (17012308)   32.73562 (17012308)
32.16371 (17012308)
 4215678.0 | 33.13574 (13112207)   32.47027 (17012308)   32.37688 (17012308)   32.13782 (17012308)
31.73477 (17012308)
 4215658.0 | 33.84318 (16011507)   32.06659 (13112207)   31.57624 (17012308)   31.46313 (17012308)
31.20201 (17012308)
 4215638.0 | 37.12056 (16011507)   32.04605 (16011507)   31.03439 (13112207)   30.71314 (17012308)
30.58131 (17012308)
 4215618.0 | 36.98844 (16011507)   32.34253 (16011507)   30.68580 (13112207)   30.03316 (13112207)
29.88375 (17012308)
 4215598.0 | 36.73311 (16011507)   35.46444 (16011507)   30.71752 (16011507)   29.74717 (13112207)
29.11289 (17012308)
 4215578.0 | 37.80091 (16011507)   35.40678 (16011507)   33.83269 (16011507)   30.57528 (16011507)
29.32675 (13112207)
 4215558.0 | 37.28473 (16011507)   36.49207 (16011507)   33.96764 (16011507)   32.42024 (16011507)
30.36044 (16011507)
 4215538.0 | 37.84849 (16011507)   36.16768 (16011507)   35.12163 (16011507)   33.76405 (16011507)
31.86822 (16011507)
 4215518.0 | 37.19865 (16011507)   35.69513 (16011507)   35.05741 (16011507)   33.96647 (16011507)
32.34090 (16011507)
 4215498.0 | 36.33199 (16011507)   36.21978 (16011507)   34.74485 (16011507)   33.89561 (16011507)
32.69395 (16011507)
 4215478.0 | 35.47899 (16011507)   35.62483 (16011507)   35.40318 (16011507)   33.73908 (16011507)
32.77145 (16011507)
 4215458.0 | 34.58695 (16011507)   34.88021 (16011507)   34.93300 (16011507)   34.45642 (16011507)
32.68479 (16011507)
 4215438.0 | 33.66938 (16011507)   34.12572 (16011507)   34.35352 (16011507)   34.12226 (16011507)
33.37687 (16011507)
 4215418.0 | 32.77629 (16120107)   33.27552 (16011507)   33.58350 (16011507)   33.53805 (16011507)
33.10838 (16011507)
 4215398.0 | 33.13043 (16120107)   32.36857 (16011507)   32.77521 (16011507)   32.94087 (16011507)
32.72456 (16011507)
 4215378.0 | 33.19543 (16120107)   32.57953 (16011507)   31.94165 (16011507)   32.22639 (16011507)
32.24326 (16011507)
 4215358.0 | 33.08483 (16120107)   31.82718 (16120107)   31.12008 (16011507)   31.51406 (16011507)
31.68087 (16011507)
 4215338.0 | 33.22966 (16120107)   31.85138 (16120107)   30.25548 (16011507)   30.72638 (16011507)
31.05208 (16011507)
 4215318.0 | 33.16177 (16120107)   32.05602 (16120107)   30.53326 (16120107)   31.02384 (16011507)
31.41522 (16011507)
 4215298.0 | 33.04288 (16120107)   32.06642 (16120107)   30.88345 (16120107)   30.24882 (16011507)
30.75756 (16011507)
 4215278.0 | 32.81604 (16120107)   32.04802 (16120107)   30.97380 (16120107)   30.37041 (16011507)
30.88824 (16011507)
 4215258.0 | 32.62277 (16120107)   31.96761 (16120107)   31.05410 (16120107)   30.32793 (16011507)
30.82428 (16011507)
 4215238.0 | 32.44881 (16120107)   31.85619 (16120107)   31.06797 (16120107)   30.06208 (16120107)
30.15817 (16011507)
 4215218.0 | 32.09082 (16120107)   31.69542 (16120107)   30.95915 (16120107)   30.07093 (16120107)
29.37614 (16011507)
 4215198.0 | 31.79368 (16120107)   31.48746 (16120107)   30.88035 (16120107)   30.12990 (16120107)
29.09688 (16011507)
 4215178.0 | 31.46237 (16120107)   31.17042 (16120107)   30.81331 (16120107)   30.06756 (16120107)
29.10774 (16120107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***

```
                                INCLUDING SOURCE(S):     L0000340    , L0000341    , L0000342    , L0000343    ,
L0000344    ,
                 L0000345    , L0000346    , L0000347    , L0000348    , L0000349    , L0000350    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539344.00              539364.00              539384.00              539404.00
539424.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215158.0 |     31.09679 (16120107)     30.95789 (16120107)     30.55383 (16120107)     30.01597 (16120107)
29.12906 (16120107)
 4215138.0 |     30.57788 (16120107)     30.59677 (16120107)     30.34946 (16120107)     29.82505 (16120107)
29.22040 (16120107)
 4215118.0 |     30.16014 (15012108)     30.20107 (16120107)     30.10616 (16120107)     29.68901 (16120107)
29.09774 (16120107)
 4215098.0 |     29.88061 (15012108)     29.77095 (16120107)     29.73599 (16120107)     29.56580 (16120107)
29.03073 (16120107)
 4215078.0 |     29.52250 (15012108)     29.34044 (16121907)     29.43365 (16120107)     29.25002 (16120107)
28.91869 (16120107)
 4215058.0 |     29.18644 (15012108)     29.04444 (15012108)     29.05149 (16120107)     28.95363 (16120107)
28.76356 (16120107)
 4215038.0 |     28.87324 (15012108)     28.76759 (15012108)     28.58964 (16120107)     28.62544 (16120107)
28.42803 (16120107)
 4215018.0 |     28.48314 (15012108)     28.46195 (15012108)     28.24651 (16121907)     28.21604 (16120107)
28.15571 (16120107)
 4214998.0 |     28.11586 (15012108)     28.12822 (15012108)     27.94577 (15012108)     27.82667 (16120107)
27.85057 (16120107)
 4214978.0 |     27.67361 (15012108)     27.76715 (15012108)     27.62000 (15012108)     27.43903 (16121907)
27.51371 (16120107)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 329
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK1
***
                                INCLUDING SOURCE(S):     L0000340    , L0000341    , L0000342    , L0000343    ,
L0000344    ,
                 L0000345    , L0000346    , L0000347    , L0000348    , L0000349    , L0000350    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539444.00              539464.00              539484.00              539504.00
539524.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215958.0 |     37.70911 (17011208)     37.83750 (17011208)     37.89460 (17011208)     37.87008 (17011208)
37.75875 (17011208)
 4215938.0 |     34.97336 (17011208)     35.21567 (17011208)     35.40551 (17011208)     35.53910 (17011208)
35.60061 (17011208)
 4215918.0 |     32.23697 (17011208)     32.56681 (17011208)     32.85776 (17011208)     33.10777 (17011208)
33.30302 (17011208)
 4215898.0 |     30.84791 (13011107)     30.48025 (15122408)     30.28734 (17011208)     30.62682 (17011208)
30.92591 (17011208)
 4215878.0 |     32.11455 (13011107)     29.78063 (13011107)     29.26701 (15122408)     28.88797 (15122408)
28.50909 (17011208)
 4215858.0 |     33.00499 (13011107)     30.96345 (13011107)     28.79875 (13011107)     28.12520 (15122408)
```

27.81199 (15122408)
 4215838.0 | 33.55563 (13011107)   31.80922 (13011107)   29.90289 (13011107)   27.88076 (13011107)
27.04802 (15122408)
 4215818.0 | 33.79712 (13011107)   32.34179 (13011107)   30.70048 (13011107)   28.91634 (13011107)
27.02299 (13011107)
 4215798.0 | 33.77372 (13011107)   32.58974 (13011107)   31.21131 (13011107)   29.66896 (13011107)
27.99335 (13011107)
 4215778.0 | 33.52231 (13011107)   32.58758 (13011107)   31.45872 (13011107)   30.15733 (13011107)
28.70573 (13011107)
 4215758.0 | 33.08243 (13011107)   32.37189 (13011107)   31.47426 (13011107)   30.40331 (13011107)
29.17363 (13011107)
 4215738.0 | 32.48500 (13011107)   31.97408 (13011107)   31.28708 (13011107)   30.43158 (13011107)
29.41556 (13011107)
 4215718.0 | 31.75149 (13011107)   31.42134 (13011107)   30.92422 (13011107)   30.26699 (13011107)
29.45239 (13011107)
 4215698.0 | 31.38515 (17012308)   30.73597 (13011107)   30.40932 (13011107)   29.93278 (13011107)
29.30826 (13011107)
 4215678.0 | 31.14348 (17012308)   30.34754 (17012308)   29.76328 (13011107)   29.45349 (13011107)
29.00090 (13011107)
 4215658.0 | 30.77405 (17012308)   30.16436 (17012308)   29.36816 (17012308)   28.84737 (13011107)
28.55197 (13011107)
 4215638.0 | 30.30070 (17012308)   29.85211 (17012308)   29.23613 (17012308)   28.44245 (17012308)
27.97561 (13011107)
 4215618.0 | 29.73054 (17012308)   29.42903 (17012308)   28.97856 (17012308)   28.35842 (17012308)
27.56310 (17012308)
 4215598.0 | 29.07886 (17012308)   28.90957 (17012308)   28.60472 (17012308)   28.13945 (17012308)
27.51492 (17012308)
 4215578.0 | 28.88582 (13112207)   28.24975 (13112207)   28.13189 (17012308)   27.81033 (17012308)
27.33981 (17012308)
 4215558.0 | 29.14234 (13112207)   28.75690 (13112207)   27.52069 (17012308)   27.38060 (17012308)
27.05125 (17012308)
 4215538.0 | 29.99128 (16112908)   29.43059 (16112908)   27.93388 (13112207)   26.80113 (17012308)
26.66122 (17012308)
 4215518.0 | 30.30287 (16011507)   29.17965 (16112908)   27.62425 (13112207)   27.10345 (13112207)
26.17982 (17012308)
 4215498.0 | 30.90994 (16011507)   28.74328 (16112908)   27.22362 (13112207)   26.86637 (13112207)
25.62856 (13112207)
 4215478.0 | 31.23239 (16011507)   29.31512 (16011507)   27.89586 (16112908)   26.53315 (13112207)
26.14172 (13112207)
 4215458.0 | 31.45753 (16011507)   29.76561 (16011507)   27.74690 (16011507)   27.11666 (16112908)
25.88289 (13112207)
 4215438.0 | 31.44145 (16011507)   30.04167 (16011507)   28.38795 (16011507)   26.81089 (16112908)
26.41104 (16112908)
 4215418.0 | 31.42758 (16011507)   30.31404 (16011507)   28.85789 (16011507)   27.10125 (16011507)
26.11241 (16112908)
 4215398.0 | 32.11646 (16011507)   30.42581 (16011507)   29.24102 (16011507)   27.66945 (16011507)
25.77850 (16112908)
 4215378.0 | 31.93047 (16011507)   31.24294 (16011507)   29.39432 (16011507)   28.07972 (16011507)
26.33633 (16011507)
 4215358.0 | 31.62237 (16011507)   31.16759 (16011507)   30.25682 (16011507)   28.34072 (16011507)
26.76790 (16011507)
 4215338.0 | 31.15079 (16011507)   30.96357 (16011507)   30.29472 (16011507)   29.16400 (16011507)
27.13154 (16011507)
 4215318.0 | 31.57690 (16011507)   31.38607 (16011507)   30.20011 (16011507)   29.31350 (16011507)
27.42772 (16011507)
 4215298.0 | 31.06499 (16011507)   31.12246 (16011507)   30.66291 (16011507)   29.32966 (16011507)
28.30470 (16011507)
 4215278.0 | 31.20536 (16011507)   31.28625 (16011507)   30.42954 (16011507)   29.22206 (16011507)
28.49596 (16011507)
 4215258.0 | 31.13095 (16011507)   31.22463 (16011507)   30.62153 (16011507)   29.76610 (16011507)
28.48588 (16011507)
 4215238.0 | 30.51986 (16011507)   30.74191 (16011507)   30.59528 (16011507)   29.45519 (16011507)
28.99550 (16011507)
 4215218.0 | 29.85112 (16011507)   30.12787 (16011507)   30.11657 (16011507)   29.59959 (16011507)
28.84546 (16011507)
 4215198.0 | 29.12824 (16011507)   29.45926 (16011507)   29.64290 (16011507)   29.60295 (16011507)
29.02159 (16011507)
 4215178.0 | 28.30208 (16011507)   28.74102 (16011507)   29.04014 (16011507)   29.19803 (16011507)
29.06125 (16011507)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539444.00	539464.00	539484.00	539504.00	539524.00
4215158.0	28.04920 (16011507)	27.97790 (16011507)	28.44640 (16011507)	28.72544 (16011507)	28.79497 (16011507)
4215138.0	28.19666 (16120107)	27.27806 (16011507)	27.79733 (16011507)	28.18989 (16011507)	28.31938 (16011507)
4215118.0	28.30405 (16120107)	27.14872 (16120107)	27.61142 (16011507)	27.59590 (16011507)	27.84683 (16011507)
4215098.0	28.35433 (16120107)	27.33368 (16120107)	26.98753 (16011507)	27.36388 (16011507)	27.25314 (16011507)
4215078.0	28.26148 (16120107)	27.51982 (16120107)	26.37515 (16120107)	26.73440 (16011507)	26.66637 (16011507)
4215058.0	28.21805 (16120107)	27.49422 (16120107)	26.57424 (16120107)	26.05755 (16011507)	26.45848 (16011507)
4215038.0	28.12904 (16120107)	27.51875 (16120107)	26.62059 (16120107)	25.58400 (16120107)	25.89268 (16011507)
4215018.0	27.94318 (16120107)	27.49543 (16120107)	26.71363 (16120107)	25.75436 (16120107)	25.27449 (16011507)
4214998.0	27.68962 (16120107)	27.33077 (16120107)	26.80941 (16120107)	25.91344 (16120107)	24.88884 (16120107)
4214978.0	27.48885 (16120107)	27.22353 (16120107)	26.70695 (16120107)	26.02163 (16120107)	25.01657 (16120107)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.0	37.54985 (17011208)	37.24362 (17011208)	36.83559 (17011208)	36.32767 (17011208)	

35.72041 (17011208)
 4215938.0 | 35.58824 (17011208)   35.49150 (17011208)   35.30985 (17011208)   35.03385 (17011208)
34.66710 (17011208)
 4215918.0 | 33.44153 (17011208)   33.50958 (17011208)   33.50713 (17011208)   33.42681 (17011208)
33.26552 (17011208)
 4215898.0 | 31.17778 (17011208)   31.38004 (17011208)   31.51953 (17011208)   31.59367 (17011208)
31.60244 (17011208)
 4215878.0 | 28.85650 (17011208)   29.15841 (17011208)   29.41273 (17011208)   29.61362 (17011208)
29.76040 (17011208)
 4215858.0 | 27.36507 (15122408)   26.88818 (17011208)   27.23317 (17011208)   27.53811 (17011208)
27.79206 (17011208)
 4215838.0 | 26.79387 (15122408)   26.41773 (15122408)   25.92023 (15122408)   25.40449 (17011208)
25.74680 (17011208)
 4215818.0 | 26.02700 (15122408)   25.82568 (15122408)   25.51400 (15122408)   25.08882 (15122408)
24.55377 (15122408)
 4215798.0 | 26.22339 (13011107)   25.05524 (15122408)   24.90267 (15122408)   24.64761 (15122408)
24.28805 (15122408)
 4215778.0 | 27.13392 (13011107)   25.47356 (13011107)   24.12675 (15122408)   24.01832 (15122408)
23.81672 (15122408)
 4215758.0 | 27.80823 (13011107)   26.33319 (13011107)   24.77006 (13011107)   23.23769 (15122408)
23.17062 (15122408)
 4215738.0 | 28.25551 (13011107)   26.97175 (13011107)   25.58038 (13011107)   24.10496 (13011107)
22.57426 (13011107)
 4215718.0 | 28.49126 (13011107)   27.39844 (13011107)   26.18293 (13011107)   24.86921 (13011107)
23.47745 (13011107)
 4215698.0 | 28.53604 (13011107)   27.62880 (13011107)   26.59302 (13011107)   25.44274 (13011107)
24.20008 (13011107)
 4215678.0 | 28.40809 (13011107)   27.67792 (13011107)   26.81585 (13011107)   25.83175 (13011107)
24.74351 (13011107)
 4215658.0 | 28.12275 (13011107)   27.55955 (13011107)   26.86457 (13011107)   26.04400 (13011107)
25.11168 (13011107)
 4215638.0 | 27.69713 (13011107)   27.28981 (13011107)   26.75335 (13011107)   26.09091 (13011107)
25.31262 (13011107)
 4215618.0 | 27.14697 (13011107)   26.88417 (13011107)   26.49661 (13011107)   25.98502 (13011107)
25.35633 (13011107)
 4215598.0 | 26.72710 (17012308)   26.35448 (13011107)   26.10486 (13011107)   25.73746 (13011107)
25.25275 (13011107)
 4215578.0 | 26.71308 (17012308)   25.92923 (17012308)   25.59681 (13011107)   25.36303 (13011107)
25.01508 (13011107)
 4215558.0 | 26.57407 (17012308)   25.94498 (17012308)   25.17198 (17012308)   24.87448 (13011107)
24.65379 (13011107)
 4215538.0 | 26.31958 (17012308)   25.83814 (17012308)   25.21370 (17012308)   24.45027 (17012308)
24.18291 (13011107)
 4215518.0 | 25.96618 (17012308)   25.61979 (17012308)   25.13550 (17012308)   24.51253 (17012308)
23.76008 (17012308)
 4215498.0 | 25.52076 (17012308)   25.30010 (17012308)   24.94509 (17012308)   24.45981 (17012308)
23.84397 (17012308)
 4215478.0 | 24.95707 (17012308)   24.88828 (17012308)   24.65645 (17012308)   24.29917 (17012308)
23.81394 (17012308)
 4215458.0 | 25.43269 (13112207)   24.38989 (17012308)   24.27600 (17012308)   24.03912 (17012308)
23.67814 (17012308)
 4215438.0 | 25.90316 (13112207)   24.73973 (13112207)   23.78129 (17012308)   23.68792 (17012308)
23.44242 (17012308)
 4215418.0 | 25.58690 (16112908)   24.57163 (13112207)   24.03770 (13112207)   23.25322 (17012308)
23.11849 (17012308)
 4215398.0 | 25.36112 (16112908)   24.31359 (13112207)   23.92272 (13112207)   22.77056 (13112207)
22.71172 (17012308)
 4215378.0 | 25.09944 (16112908)   24.67547 (16112908)   23.71618 (13112207)   23.30683 (13112207)
22.22902 (17012308)
 4215358.0 | 25.02392 (16011507)   24.42109 (16112908)   23.99889 (16112908)   23.16161 (13112207)
22.70471 (13112207)
 4215338.0 | 25.53764 (16011507)   24.13604 (16112908)   23.85530 (16112908)   23.48504 (13112207)
22.60196 (13112207)
 4215318.0 | 26.05855 (16011507)   24.53043 (16011507)   23.61928 (16112908)   23.24235 (16112908)
22.37960 (13112207)
 4215298.0 | 26.44328 (16011507)   25.05407 (16011507)   23.39681 (16011507)   23.01002 (16112908)
22.09143 (13112207)
 4215278.0 | 27.35226 (16011507)   25.45013 (16011507)   23.92055 (16011507)   22.74963 (16112908)
21.74538 (13112207)

 4215258.0 | 27.56412 (16011507)   26.38607 (16011507)   24.38953 (16011507)   22.80338 (16011507)
21.36853 (13123107)
 4215238.0 | 27.65157 (16011507)   26.68295 (16011507)   25.33904 (16011507)   23.33487 (16011507)
21.83595 (16112908)
 4215218.0 | 28.19143 (16011507)   26.85719 (16011507)   25.71565 (16011507)   23.81717 (16011507)
22.35420 (16011507)
 4215198.0 | 28.20213 (16011507)   27.43300 (16011507)   25.97362 (16011507)   24.74049 (16011507)
22.89395 (16011507)
 4215178.0 | 28.48477 (16011507)   27.45869 (16011507)   26.11628 (16011507)   25.14187 (16011507)
23.83252 (16011507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539544.00   539564.00   539584.00   539604.00
539624.00
 -
- - - - - - - -

 4215158.0 | 28.56381 (16011507)   27.77483 (16011507)   26.75688 (16011507)   25.36062 (16011507)
24.23214 (16011507)
 4215138.0 | 28.22611 (16011507)   27.53289 (16011507)   26.62289 (16011507)   25.34789 (16011507)
24.39368 (16011507)
 4215118.0 | 27.81875 (16011507)   27.21212 (16011507)   26.40287 (16011507)   25.24607 (16011507)
24.45945 (16011507)
 4215098.0 | 27.34784 (16011507)   26.82028 (16011507)   26.10559 (16011507)   25.06396 (16011507)
24.43665 (16011507)
 4215078.0 | 26.81919 (16011507)   26.36483 (16011507)   25.73958 (16011507)   24.81022 (16011507)
24.33281 (16011507)
 4215058.0 | 26.29774 (16011507)   25.90934 (16011507)   25.31297 (16011507)   25.18220 (16011507)
24.20848 (16011507)
 4215038.0 | 25.77677 (16011507)   25.95715 (16011507)   25.58337 (16011507)   24.93417 (16011507)
24.05706 (16011507)
 4215018.0 | 25.64856 (16011507)   25.49745 (16011507)   25.65064 (16011507)   25.17028 (16011507)
24.47256 (16011507)
 4214998.0 | 25.08447 (16011507)   25.43969 (16011507)   25.24778 (16011507)   25.25553 (16011507)
24.21596 (16011507)
 4214978.0 | 24.52055 (16011507)   24.92605 (16011507)   25.14829 (16011507)   24.91360 (16011507)
24.89801 (16011507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.0	35.01939 (17011208)	34.23523 (17011208)	33.38185 (17011208)	32.46564 (17011208)	31.49657 (17011208)
4215938.0	34.20727 (17011208)	33.66144 (17011208)	33.04009 (17011208)	32.35189 (17011208)	31.59325 (17011208)
4215918.0	33.01762 (17011208)	32.68711 (17011208)	32.28125 (17011208)	31.80539 (17011208)	31.26394 (17011208)
4215898.0	31.53428 (17011208)	31.39093 (17011208)	31.17703 (17011208)	30.90032 (17011208)	30.55189 (17011208)
4215878.0	29.84137 (17011208)	29.85699 (17011208)	29.80912 (17011208)	29.69768 (17011208)	29.52303 (17011208)
4215858.0	27.99408 (17011208)	28.14012 (17011208)	28.23163 (17011208)	28.26636 (17011208)	28.23876 (17011208)
4215838.0	26.04556 (17011208)	26.30114 (17011208)	26.50303 (17011208)	26.65582 (17011208)	26.75727 (17011208)
4215818.0	24.04293 (17011208)	24.37959 (17011208)	24.67402 (17011208)	24.92656 (17011208)	25.12774 (17011208)
4215798.0	23.82863 (15122408)	23.26930 (15122408)	22.78690 (17011208)	23.11951 (17011208)	23.40821 (17011208)
4215778.0	23.51707 (15122408)	23.12243 (15122408)	22.63500 (15122408)	22.06341 (15122408)	21.63112 (17011208)
4215758.0	23.01524 (15122408)	22.76986 (15122408)	22.43762 (15122408)	22.01599 (15122408)	21.51173 (15122408)
4215738.0	22.35400 (15122408)	22.24388 (15122408)	22.04820 (15122408)	21.76888 (15122408)	21.40673 (15122408)
4215718.0	22.03072 (13011107)	21.56835 (15122408)	21.49676 (15122408)	21.34641 (15122408)	21.11947 (15122408)
4215698.0	22.88335 (13011107)	21.51374 (13011107)	20.80676 (15122408)	20.77174 (15122408)	20.66506 (15122408)
4215678.0	23.56624 (13011107)	22.31850 (13011107)	21.02009 (13011107)	20.07031 (15122408)	20.07147 (15122408)
4215658.0	24.07944 (13011107)	22.96289 (13011107)	21.77967 (13011107)	20.54824 (13011107)	19.36242 (15122408)
4215638.0	24.42720 (13011107)	23.44723 (13011107)	22.38794 (13011107)	21.26572 (13011107)	20.09704 (13011107)
4215618.0	24.61646 (13011107)	23.77523 (13011107)	22.84495 (13011107)	21.84054 (13011107)	20.77552 (13011107)
4215598.0	24.65570 (13011107)	23.95307 (13011107)	23.15458 (13011107)	22.27246 (13011107)	21.31866 (13011107)
4215578.0	24.55452 (13011107)	23.98802 (13011107)	23.32119 (13011107)	22.56350 (13011107)	21.72564 (13011107)
4215558.0	24.32496 (13011107)	23.88916 (13011107)	23.35130 (13011107)	22.71809 (13011107)	21.99856 (13011107)
4215538.0	23.97715 (13011107)	23.66646 (13011107)	23.25330 (13011107)	22.74257 (13011107)	22.14153 (13011107)
4215518.0	23.52238 (13011107)	23.32998 (13011107)	23.03636 (13011107)	22.64458 (13011107)	22.16091 (13011107)
4215498.0	23.10308 (17012308)	22.88916 (13011107)	22.70983 (13011107)	22.43298 (13011107)	22.06304 (13011107)
4215478.0	23.20233 (17012308)	22.47400 (17012308)	22.28334 (13011107)	22.11522 (13011107)	21.85555 (13011107)
4215458.0	23.19243 (17012308)	22.58963 (17012308)	21.87411 (17012308)	21.70189 (13011107)	21.54653 (13011107)
4215438.0	23.07913 (17012308)	22.59767 (17012308)	22.00247 (17012308)	21.29896 (17012308)	21.14473 (13011107)
4215418.0	22.86966 (17012308)	22.50477 (17012308)	22.02494 (17012308)	21.43815 (17012308)	20.74957 (17012308)
4215398.0	22.57115 (17012308)	22.31764 (17012308)	21.95050 (17012308)	21.47621 (17012308)	20.89806 (17012308)
4215378.0	22.19068 (17012308)	22.04104 (17012308)	21.78386 (17012308)	21.41853 (17012308)	20.94872 (17012308)

 4215358.0 | 21.75958 (17012308)   21.68532 (17012308)   21.53110 (17012308)   21.27075 (17012308)
20.90491 (17012308)
 4215338.0 | 22.09277 (13112207)   21.24299 (17012308)   21.19866 (17012308)   21.03862 (17012308)
20.77581 (17012308)
 4215318.0 | 21.99427 (13112207)   20.71636 (17012308)   20.79611 (17012308)   20.73107 (17012308)
20.56544 (17012308)
 4215298.0 | 21.82024 (13112207)   20.53682 (13112207)   20.32629 (17012308)   20.35106 (17012308)
20.27806 (17012308)
 4215278.0 | 21.57878 (13112207)   20.50102 (13112207)   19.79553 (17012308)   19.90469 (17012308)
19.91943 (17012308)
 4215258.0 | 21.27729 (13112207)   20.39937 (13112207)   19.72546 (13112207)   19.39813 (17012308)
19.49543 (17012308)
 4215238.0 | 20.93497 (13112207)   20.48676 (13112207)   19.70174 (13112207)   19.22113 (13112207)
19.01019 (17012308)
 4215218.0 | 21.37240 (16112908)   20.52449 (13112207)   19.78296 (13112207)   19.21760 (13112207)
18.72810 (13112207)
 4215198.0 | 21.32722 (16011507)   20.21142 (13123107)   20.12590 (13112207)   19.33978 (13112207)
18.74765 (13112207)
 4215178.0 | 21.91689 (16011507)   20.65904 (16112908)   19.80608 (13123107)   19.72320 (13112207)
18.70497 (13112207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539644.00   539664.00   539684.00   539704.00
539724.00
 -
- - - - - - - -

 4215158.0 | 22.85841 (16011507)   21.01017 (16011507)   20.24028 (16112908)   19.42426 (13112207)
19.00522 (13112207)
 4215138.0 | 23.18515 (16011507)   21.43370 (16011507)   19.95034 (16011507)   19.15046 (13123107)
19.05831 (13112207)
 4215118.0 | 23.41423 (16011507)   21.76516 (16011507)   20.41653 (16011507)   18.86380 (16112908)
18.77245 (13123107)
 4215098.0 | 23.55068 (16011507)   22.00817 (16011507)   20.79696 (16011507)   19.52932 (16011507)
18.51048 (13123107)
 4215078.0 | 23.60028 (16011507)   22.16735 (16011507)   21.09389 (16011507)   20.00643 (16011507)
18.84909 (16112908)
 4215058.0 | 23.62854 (16011507)   22.24796 (16011507)   21.36476 (16011507)   20.40288 (16011507)
19.22436 (16011507)
 4215038.0 | 23.63017 (16011507)   23.02175 (16011507)   21.60575 (16011507)   20.71878 (16011507)
19.65949 (16011507)
 4215018.0 | 23.59633 (16011507)   23.08431 (16011507)   22.34048 (16011507)   21.00607 (16011507)
20.01781 (16011507)
 4214998.0 | 24.03909 (16011507)   23.06180 (16011507)   22.46419 (16011507)   21.70728 (16011507)
20.29964 (16011507)
 4214978.0 | 23.84397 (16011507)   23.52301 (16011507)   22.50390 (16011507)   21.88471 (16011507)
20.50628 (16011507)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	33.17009	(16011507)	539351.84	4215428.70	33.44564	(16011507)
539361.84	4215428.70	33.67859	(16011507)	539371.84	4215428.70	33.86122	(16011507)
539381.84	4215428.70	33.98818	(16011507)	539341.84	4215438.70	33.63775	(16011507)
539351.84	4215438.70	33.89122	(16011507)	539361.84	4215438.70	34.10360	(16011507)
539371.84	4215438.70	34.25572	(16011507)	539381.84	4215438.70	34.34023	(16011507)
539341.84	4215448.70	34.10555	(16011507)	539351.84	4215448.70	34.33398	(16011507)
539361.84	4215448.70	34.50931	(16011507)	539371.84	4215448.70	34.62018	(16011507)
539381.84	4215448.70	34.64900	(16011507)	539341.84	4215458.70	34.57375	(16011507)
539351.84	4215458.70	34.76915	(16011507)	539361.84	4215458.70	34.90193	(16011507)
539371.84	4215458.70	34.96046	(16011507)	539381.84	4215458.70	34.94045	(16011507)
539341.84	4215468.70	35.03366	(16011507)	539351.84	4215468.70	35.19510	(16011507)
539361.84	4215468.70	35.27944	(16011507)	539371.84	4215468.70	35.28611	(16011507)
539381.84	4215468.70	35.19903	(16011507)	539113.88	4215517.52	42.87712	(15011508)
539096.52	4215515.99	43.14059	(15011508)	539108.26	4215501.18	42.42622	(15011508)
539096.01	4215500.67	42.75777	(15011508)	539108.26	4215486.38	42.06406	(15011508)
539094.47	4215485.36	42.40218	(15011508)	539135.32	4215461.36	40.65117	(15011508)
539150.13	4215439.91	39.67771	(15011508)	539114.39	4215452.68	41.10431	(15011508)
539123.07	4215439.40	40.56583	(15011508)	539159.32	4215421.02	38.97223	(15011508)
539145.02	4215416.43	39.42618	(15011508)	539134.30	4215410.81	39.46355	(15011508)
539131.75	4215425.11	39.83806	(15011508)	539206.80	4215383.75	37.15000	(15012108)
539215.99	4215372.52	36.77087	(15012108)	539188.93	4215382.22	37.25087	(15012108)
539176.17	4215379.67	37.61182	(15011508)	539165.44	4215376.09	37.84638	(15011508)
539248.79	4215356.71	35.95884	(15012108)	539243.45	4215348.45	35.81161	(15012108)
539265.58	4215345.25	35.46601	(16120107)	539260.78	4215338.05	35.32926	(15012108)
539256.25	4215351.38	35.67472	(15012108)	539272.77	4215331.92	35.06950	(16120107)
539264.78	4215324.99	34.95386	(15012108)	539280.77	4215321.79	34.75284	(16120107)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539279.97	4215307.14	34.38026	(16120107)	539287.97	4215313.80	34.50859	(16120107)
539297.83	4215304.74	34.21519	(16120107)	539289.56	4215296.21	34.08046	(16120107)
539311.15	4215287.68	33.74877	(16120107)	539303.69	4215281.28	33.68910	(16120107)
539303.69	4215296.21	33.98749	(16120107)	539314.25	4215271.79	33.44280	(16120107)
539329.09	4215260.48	33.03230	(16120107)	539339.69	4215237.16	32.49678	(16120107)
539357.36	4215232.92	32.02226	(16120107)	539394.11	4215199.70	30.52449	(16120107)
539044.99	4215579.21	46.30249	(15011508)	539034.39	4215591.93	46.93940	(15011508)
539054.88	4215556.59	45.38712	(15011508)	539058.42	4215538.92	44.77751	(15011508)
539054.88	4215520.55	44.07750	(15011508)	539082.44	4215477.44	42.41454	(15011508)
539073.96	4215466.13	42.00070	(15011508)	539098.70	4215440.69	40.97648	(15011508)
539109.30	4215426.56	40.40859	(15011508)	539117.07	4215415.96	39.99195	(15011508)
539125.55	4215401.11	39.46962	(15011508)	539158.77	4215367.19	37.91561	(15011508)
539150.29	4215357.30	37.97492	(15011508)	539184.21	4215339.63	36.57752	(15011508)
539222.37	4215324.79	35.53474	(15012108)	539243.58	4215317.72	35.08587	(15012108)
539371.49	4215194.05	31.27438	(16120107)	539364.42	4215191.93	31.34077	(16120107)
539344.64	4215200.41	31.81232	(16120107)	539409.65	4215113.48	29.52840	(16120107)
539355.94	4215136.80	30.61538	(16120107)	539262.66	4215288.75	34.20132	(15012108)
539282.44	4215261.19	33.30918	(15012108)	539299.41	4215235.04	32.65015	(15012108)
539168.48	4215647.44	44.43341	(15012108)	538949.25	4216163.17	120.61030	(16121207)
539352.01	4215796.95	37.15560	(17012308)	539358.95	4215583.01	35.73915	(16011507)
539293.80	4215538.56	37.41057	(16011507)	539260.82	4215517.04	38.29849	(16120107)
539279.41	4215503.60	37.42766	(16120107)	539292.18	4215495.55	36.69129	(16120107)
539318.95	4215487.21	35.41705	(16011507)	539337.11	4215482.84	35.60044	(16011507)
539356.14	4215482.00	35.76210	(16011507)	539369.89	4215483.02	35.73675	

(16011507)
       539384.66   4215486.57   35.51380 (16011507)   539391.49   4215490.91   34.36332
(16011507)
       539342.66   4215571.90   37.67585 (16011507)   539326.38   4215560.79   38.86855
(16011507)
       539310.09   4215549.67   38.37461 (16011507)   539277.31   4215527.80   37.94885
(16120107)
       539270.11   4215510.32   37.89322 (16120107)   539305.56   4215491.38   35.79307
(16120107)
       539384.98   4215509.33   34.86824 (16011507)   539378.47   4215527.75   35.40433
(16011507)
       539371.97   4215546.17   35.93516 (16011507)   539365.46   4215564.59   36.46795
(16011507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                               INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
                L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
                L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
                L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538744.00   538764.00   538784.00   538804.00
538824.00
 -
- - - - - - - -

 4215958.0 | 26.07915 (13011008)   27.14368 (13011008)   28.31300 (14010808)   29.57738 (14010808)
30.42755 (14010808)
 4215938.0 | 25.96152 (13011008)   26.98020 (14010808)   27.94551 (14010808)   29.15494 (14010808)
30.14392 (14010808)
 4215918.0 | 25.85085 (14010808)   26.69854 (14010808)   27.55116 (14010808)   28.49428 (14010808)
29.40094 (14010808)
 4215898.0 | 25.61464 (14010808)   26.38712 (14010808)   27.14167 (14010808)   27.96532 (14010808)
28.79722 (14010808)
 4215878.0 | 25.32360 (14010808)   26.02729 (14010808)   26.75730 (14010808)   27.48913 (14010808)
28.28553 (14010808)
 4215858.0 | 25.00587 (14010808)   25.66216 (14010808)   26.35151 (14010808)   27.07450 (14010808)
27.80310 (14010808)
 4215838.0 | 24.67908 (14010808)   25.29968 (14010808)   25.94584 (14010808)   26.64301 (14010808)
27.37845 (14010808)
 4215818.0 | 24.35177 (14010808)   24.94304 (14010808)   25.55970 (14010808)   26.22437 (14010808)
26.92449 (14010808)
 4215798.0 | 24.02777 (14010808)   24.58587 (14010808)   25.18327 (14010808)   25.81813 (14010808)
26.48588 (14010808)
 4215778.0 | 23.70979 (14010808)   24.24385 (14010808)   24.81643 (14010808)   25.42382 (14010808)
26.06157 (14010808)
 4215758.0 | 23.41760 (14010808)   23.90674 (14010808)   24.45890 (14010808)   25.03248 (14010808)
25.64117 (14010808)
 4215738.0 | 23.13101 (14010808)   23.60217 (14010808)   24.10949 (14010808)   24.66044 (14010808)
25.23401 (14010808)
 4215718.0 | 22.83541 (14010808)   23.30432 (14010808)   23.78353 (14010808)   24.29740 (14010808)
24.83790 (14010808)
 4215698.0 | 22.55885 (14010808)   23.00033 (14010808)   23.47473 (14010808)   23.95514 (14010808)

24.49184 (13121808)
 4215678.0 | 22.27212 (14010808)   22.71427 (14010808)   23.15736 (14010808)   23.63632 (14010808)
24.32590 (13121808)
 4215658.0 | 21.98742 (14010808)   22.41802 (14010808)   22.86266 (14010808)   23.33787 (13121808)
24.13456 (13121808)
 4215638.0 | 21.72421 (14010808)   22.14295 (14010808)   22.57530 (14010808)   23.18815 (13121808)
23.90762 (13121808)
 4215618.0 | 21.46658 (14010808)   21.85613 (14010808)   22.28531 (13121808)   23.02454 (13121808)
23.68774 (15111807)
 4215598.0 | 21.21474 (14010808)   21.59288 (14010808)   22.14885 (13121808)   22.82290 (13121808)
23.47712 (15111807)
 4215578.0 | 20.96886 (14010808)   21.33937 (13121808)   22.00581 (13121808)   22.60462 (13121808)
23.25008 (15111807)
 4215558.0 | 20.72907 (14010808)   21.23922 (13121808)   21.84371 (13121808)   22.42491 (15111807)
23.03236 (15111807)
 4215538.0 | 20.49792 (13121808)   21.11502 (13121808)   21.66713 (13121808)   22.24705 (15111807)
22.80692 (15111807)
 4215518.0 | 20.41263 (13121808)   20.97211 (13121808)   21.49219 (15111807)   22.05578 (15111807)
22.57611 (15111807)
 4215498.0 | 20.30414 (13121808)   20.81484 (13121808)   21.33431 (15111807)   21.85733 (15111807)
22.34182 (15111807)
 4215478.0 | 20.17744 (13121808)   20.64667 (13121808)   21.16693 (15111807)   21.65265 (15111807)
22.10565 (15111807)
 4215458.0 | 20.03657 (13121808)   20.50432 (15111807)   20.99056 (15111807)   21.44369 (15111807)
21.87291 (15111807)
 4215438.0 | 19.87964 (13121808)   20.35625 (15111807)   20.80748 (15111807)   21.23202 (15111807)
21.63700 (15111807)
 4215418.0 | 19.74495 (15111807)   20.19887 (15111807)   20.61955 (15111807)   21.01427 (15111807)
21.40247 (15111807)
 4215398.0 | 19.61339 (15111807)   20.03440 (15111807)   20.42837 (15111807)   20.80068 (15111807)
21.17006 (15111807)
 4215378.0 | 19.47236 (15111807)   19.86467 (15111807)   20.22951 (15111807)   20.58776 (15111807)
20.94041 (15111807)
 4215358.0 | 19.32398 (15111807)   19.68492 (15111807)   20.03528 (15111807)   20.37630 (15111807)
20.71402 (15111807)
 4215338.0 | 19.17007 (15111807)   19.50886 (15111807)   19.84117 (15111807)   20.16691 (15111807)
20.48572 (15111807)
 4215318.0 | 19.00505 (15111807)   19.33153 (15111807)   19.64795 (15111807)   19.96011 (15111807)
20.26680 (15111807)
 4215298.0 | 18.84413 (15111807)   19.15385 (15111807)   19.45624 (15111807)   19.74980 (15111807)
20.04581 (15111807)
 4215278.0 | 18.68158 (15111807)   18.97659 (15111807)   19.25939 (15111807)   19.54922 (15111807)
19.82857 (15111807)
 4215258.0 | 18.51830 (15111807)   18.80037 (15111807)   19.07204 (15111807)   19.35225 (15111807)
19.63558 (13011008)
 4215238.0 | 18.35505 (15111807)   18.61780 (15111807)   18.88749 (15111807)   19.40016 (13011008)
20.04486 (13011008)
 4215218.0 | 18.19245 (15111807)   18.57455 (13011008)   19.17417 (13011008)   19.87610 (13011008)
20.83273 (14010809)
 4215198.0 | 18.35368 (13011008)   18.97329 (13011008)   19.71770 (14010809)   20.78241 (15122508)
21.92776 (15122508)
 4215178.0 | 18.79239 (13011008)   19.64248 (15122508)   20.69883 (15122508)   21.80457 (15122508)
22.94981 (15122508)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
               L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
               L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,

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                L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
. . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       538744.00              538764.00              538784.00              538804.00
538824.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215158.0 |     19.56435 (15122508)     20.57363 (15122508)     21.60147 (15122508)     22.64263 (15122508)
23.62411 (15122508)
 4215138.0 |     20.40032 (15122508)     21.34900 (15122508)     22.24536 (15122508)     23.05926 (15122508)
23.95540 (13011008)
 4215118.0 |     21.01685 (15122508)     21.77554 (15122508)     22.61676 (13011008)     23.53327 (13011008)
24.37556 (13011008)
 4215098.0 |     21.40704 (13011008)     22.26788 (13011008)     23.08117 (13011008)     23.79726 (13011008)
24.37772 (13011008)
 4215078.0 |     21.89300 (13011008)     22.60213 (13011008)     23.19468 (13011008)     23.63472 (13011008)
24.84047 (14010808)
 4215058.0 |     22.09936 (13011008)     22.57235 (13011008)     23.21578 (14010808)     24.38002 (14010808)
25.40936 (14010808)
 4215038.0 |     21.93456 (13011008)     22.85546 (14010808)     23.90626 (14010808)     24.79791 (14010808)
25.43061 (14010808)
 4215018.0 |     22.48218 (14010808)     23.42160 (14010808)     24.18183 (14010808)     24.67117 (14010808)
24.80099 (14010808)
 4214998.0 |     22.92326 (14010808)     23.56379 (14010808)     23.92024 (14010808)     23.92011 (14010808)
23.51989 (14010808)
 4214978.0 |     22.94616 (14010808)     23.17990 (14010808)     23.06260 (14010808)     22.54486 (14010808)
21.61721 (14010808)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE 339
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK2
***
                                INCLUDING SOURCE(S):     L0000555    , L0000556    , L0000557    , L0000558    ,
L0000559    ,
                L0000560    , L0000561    , L0000562    , L0000563    , L0000564    , L0000565    , L0000566    ,
L0000567    ,
                L0000568    , L0000569    , L0000570    , L0000571    , L0000572    , L0000573    , L0000574    ,
L0000575    ,
                L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
. . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       538844.00              538864.00              538884.00              538904.00
538924.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215958.0 |     31.17178 (14010808)     31.82491 (14010808)     30.97631 (14010808)     31.99205 (14010808)
33.62297 (14010808)
 4215938.0 |     31.16198 (14010808)     32.20609 (14010808)     32.39616 (14010808)     32.87877 (13121808)
32.66024 (14010808)
 4215918.0 |     30.37137 (14010808)     31.41992 (14010808)     32.67394 (14010808)     32.93866 (13121808)
33.61813 (15112508)
 4215898.0 |     29.64642 (14010808)     30.58459 (14010808)     31.82165 (14010808)     32.73133 (14010808)
```

34.42535 (13121808)
 4215878.0 | 29.11998 (14010808)   30.04817 (14010808)   31.12960 (14010808)   32.32454 (14010808)
33.91880 (15111807)
 4215858.0 | 28.61141 (14010808)   29.48676 (14010808)   30.63982 (14010808)   31.77803 (14010808)
33.29258 (15111807)
 4215838.0 | 28.11977 (14010808)   28.98854 (14010808)   29.99304 (14010808)   31.10206 (13121808)
32.68130 (15111807)
 4215818.0 | 27.67627 (14010808)   28.52314 (14010808)   29.53946 (14010808)   30.66231 (15111807)
32.03041 (15111807)
 4215798.0 | 27.21368 (14010808)   27.99852 (14010808)   28.99744 (13121808)   30.22863 (15111807)
31.49818 (15111807)
 4215778.0 | 26.74245 (14010808)   27.49671 (13121808)   28.61697 (13121808)   29.81129 (15111807)
30.93330 (15111807)
 4215758.0 | 26.27818 (14010808)   27.17986 (13121808)   28.23360 (15111807)   29.33302 (15111807)
30.41970 (15111807)
 4215738.0 | 25.86318 (13121808)   26.84531 (13121808)   27.85812 (15111807)   28.87640 (15111807)
29.87902 (15111807)
 4215718.0 | 25.62005 (13121808)   26.50984 (15111807)   27.47509 (15111807)   28.40893 (15111807)
29.35352 (15111807)
 4215698.0 | 25.36405 (13121808)   26.22764 (15111807)   27.09572 (15111807)   27.97878 (15111807)
28.84281 (15111807)
 4215678.0 | 25.11725 (13121808)   25.95941 (15111807)   26.76046 (15111807)   27.53452 (15111807)
28.36277 (15111807)
 4215658.0 | 24.89076 (15111807)   25.68036 (15111807)   26.42380 (15111807)   27.14751 (15111807)
27.89295 (15111807)
 4215638.0 | 24.64820 (15111807)   25.37286 (15111807)   26.06419 (15111807)   26.76605 (15111807)
27.44945 (15111807)
 4215618.0 | 24.40833 (15111807)   25.07883 (15111807)   25.72565 (15111807)   26.36824 (15111807)
27.03702 (15111807)
 4215598.0 | 24.13848 (15111807)   24.76035 (15111807)   25.36664 (15111807)   25.99797 (15111807)
26.61136 (15111807)
 4215578.0 | 23.85957 (15111807)   24.43825 (15111807)   25.03234 (15111807)   25.60742 (15111807)
26.21780 (15111807)
 4215558.0 | 23.59751 (15111807)   24.13907 (15111807)   24.67667 (15111807)   25.24857 (15111807)
25.90864 (14110707)
 4215538.0 | 23.33315 (15111807)   23.84168 (15111807)   24.34468 (15111807)   24.86974 (15111807)
25.63165 (14110707)
 4215518.0 | 23.06799 (15111807)   23.54705 (15111807)   24.02972 (15111807)   24.52514 (15111807)
25.34631 (14110707)
 4215498.0 | 22.80758 (15111807)   23.26129 (15111807)   23.72581 (15111807)   24.19865 (15111807)
25.08523 (14110707)
 4215478.0 | 22.54882 (15111807)   22.98415 (15111807)   23.42291 (15111807)   23.97202 (14110707)
24.82282 (14110707)
 4215458.0 | 22.29250 (15111807)   22.71056 (15111807)   23.13039 (15111807)   23.76656 (14110707)
24.55928 (14110707)
 4215438.0 | 22.03929 (15111807)   22.43831 (15111807)   22.84352 (15111807)   23.55619 (14110707)
24.29563 (14110707)
 4215418.0 | 21.78633 (15111807)   22.17153 (15111807)   22.56060 (15111807)   23.34205 (14110707)
24.03289 (14110707)
 4215398.0 | 21.53741 (15111807)   21.90434 (15111807)   22.39203 (14110707)   23.12641 (14110707)
23.76987 (14110707)
 4215378.0 | 21.29293 (15111807)   21.64607 (15111807)   22.22430 (14110707)   22.90761 (14110707)
23.50905 (14110707)
 4215358.0 | 21.04854 (15111807)   21.39384 (15111807)   22.05084 (14110707)   22.68736 (14110707)
23.25036 (14110707)
 4215338.0 | 20.81361 (15111807)   21.18893 (14110707)   21.87274 (14110707)   22.46645 (14110707)
22.99425 (14110707)
 4215318.0 | 20.57835 (15111807)   21.05340 (14110707)   21.68926 (14110707)   22.24118 (14110707)
22.75739 (13111207)
 4215298.0 | 20.34762 (15111807)   20.90764 (14110707)   21.49670 (14110707)   22.01690 (14110707)
22.55297 (13111207)
 4215278.0 | 20.11629 (14110707)   20.75301 (14110707)   21.30064 (14110707)   22.22642 (14010809)
23.64197 (14010809)
 4215258.0 | 20.25396 (13011008)   20.99018 (13011008)   22.18749 (14010809)   23.48222 (14010809)
24.89707 (15122508)
 4215238.0 | 20.96232 (14010809)   22.05856 (14010809)   23.27025 (15122508)   24.80926 (15122508)
26.47378 (15122508)
 4215218.0 | 21.97016 (15122508)   23.25872 (15122508)   24.66975 (15122508)   26.14480 (15122508)
27.58429 (15122508)

L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538944.00	538964.00	538984.00	539004.00	539024.00
4215958.0	35.20681 (14010808)	36.99494 (15111807)	39.43320 (15111807)	41.95461 (15111807)	44.66868 (15111807)
4215938.0	34.27386 (14010808)	36.13900 (15111807)	38.36389 (15111807)	40.67310 (15111807)	43.15228 (15111807)
4215918.0	33.34597 (14010808)	35.30951 (15111807)	37.34782 (15111807)	39.46845 (15111807)	41.75119 (14110707)
4215898.0	32.64654 (15111807)	34.09878 (15111807)	36.14808 (14110707)	38.45317 (13111207)	40.25730 (13111207)
4215878.0	33.82736 (15112508)	35.35512 (14110707)	37.75495 (14110707)	40.00955 (13111207)	41.95153 (13111207)
4215858.0	34.74813 (15111807)	35.89708 (15112508)	37.81230 (14110707)	40.19129 (14110707)	42.75097 (13111207)
4215838.0	34.39545 (15111807)	35.87506 (15111807)	37.25314 (15111807)	39.20119 (14110707)	41.66155 (13111207)
4215818.0	33.47415 (15111807)	34.88975 (15111807)	36.37957 (15111807)	38.08453 (14110707)	40.38057 (13111207)
4215798.0	32.72763 (15111807)	33.97992 (15111807)	35.29218 (15111807)	37.20998 (14110707)	39.38356 (13111207)
4215778.0	32.06100 (15111807)	33.23964 (15111807)	34.65343 (14110707)	36.43317 (14110707)	38.54553 (13111207)
4215758.0	31.49155 (15111807)	32.59462 (15111807)	34.01059 (14110707)	35.76407 (13111207)	37.74166 (13111207)
4215738.0	30.89745 (15111807)	31.92751 (15111807)	33.46166 (14110707)	35.09677 (13111207)	36.97200 (13111207)
4215718.0	30.30071 (15111807)	31.31993 (14110707)	32.87810 (14110707)	34.47464 (13111207)	36.23696 (13111207)
4215698.0	29.74718 (15111807)	30.84638 (14110707)	32.28872 (14110707)	33.87939 (13111207)	35.47994 (13111207)
4215678.0	29.21166 (15111807)	30.38131 (14110707)	31.71812 (14110707)	33.25627 (13111207)	34.74512 (13111207)
4215658.0	28.69332 (15111807)	29.91001 (14110707)	31.16558 (14110707)	32.65483 (13111207)	34.07141 (13111207)
4215638.0	28.21169 (14110707)	29.46325 (14110707)	30.65406 (13111207)	32.07445 (13111207)	33.39756 (13111207)
4215618.0	27.87714 (14110707)	29.02469 (14110707)	30.19002 (13111207)	31.49655 (13111207)	32.75030 (13111207)
4215598.0	27.56321 (14110707)	28.58763 (14110707)	29.73712 (13111207)	30.95670 (13111207)	32.12848 (13111207)
4215578.0	27.24778 (14110707)	28.20329 (14110707)	29.27600 (13111207)	30.43438 (13111207)	31.53057 (13111207)
4215558.0	26.90474 (14110707)	27.83091 (14110707)	28.88461 (13111207)	29.92612 (13111207)	30.95504 (13111207)
4215538.0	26.58697 (14110707)	27.42872 (14110707)	28.50038 (13111207)	29.45154 (13111207)	30.38204 (13111207)
4215518.0	26.24309 (14110707)	27.10473 (13111207)	28.09299 (13111207)	29.01707 (13111207)	29.86494 (13111207)
4215498.0	25.92514 (14110707)	26.76132 (13111207)	27.72040 (13111207)	28.56894 (13111207)	29.39351 (13111207)
4215478.0	25.57893 (14110707)	26.44892 (13111207)	27.35390 (13111207)	28.15435 (13111207)	28.93675 (13111207)
4215458.0	25.26667 (14110707)	26.10516 (13111207)	26.96307 (13111207)	27.74952 (13111207)	28.45919 (13111207)
4215438.0	24.95799 (14110707)	25.79766 (13111207)	26.57133 (13111207)	27.31931 (13111207)	28.04303 (16112107)
4215418.0	24.67888 (13111207)	25.49316 (13111207)	26.22215 (13111207)	26.89442 (13111207)	27.62793 (16112107)

 4215398.0 | 24.42791 (13111207)   25.19266 (13111207)   25.88023 (13111207)   26.51682 (13111207)
27.20990 (16112107)
 4215378.0 | 24.17755 (13111207)   24.89644 (13111207)   25.54564 (13111207)   26.14836 (13111207)
26.84209 (16112107)
 4215358.0 | 23.92834 (13111207)   24.60475 (13111207)   25.21648 (13111207)   25.79007 (13111207)
26.48401 (16112107)
 4215338.0 | 23.68071 (13111207)   24.31781 (13111207)   24.89631 (13111207)   25.44151 (13111207)
27.09453 (14010809)
 4215318.0 | 23.43249 (13111207)   24.03283 (13111207)   25.23612 (14010809)   27.18959 (14010809)
29.29592 (14010809)
 4215298.0 | 23.62741 (14010809)   25.27858 (14010809)   27.05340 (14010809)   28.98907 (15122508)
31.42809 (15122508)
 4215278.0 | 25.14248 (14010809)   26.77497 (15122508)   28.86599 (15122508)   31.06958 (15122508)
33.29325 (15122508)
 4215258.0 | 26.67437 (15122508)   28.58778 (15122508)   30.51819 (15122508)   32.33612 (15122508)
33.86891 (15122508)
 4215238.0 | 28.15517 (15122508)   29.77877 (15122508)   31.19654 (15122508)   32.45016 (13011008)
33.98235 (13011008)
 4215218.0 | 28.88358 (15122508)   30.02200 (13011008)   31.47949 (13011008)   32.67685 (13011008)
34.82913 (14010808)
 4215198.0 | 29.24522 (13011008)   30.45958 (13011008)   31.66262 (14010808)   33.85003 (14010808)
35.68349 (14010808)
 4215178.0 | 29.37344 (13011008)   30.96221 (14010808)   32.85104 (14010808)   34.33164 (14010808)
35.20313 (14010808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
                L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
                L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
                L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538944.00   538964.00   538984.00   539004.00
539024.00
 -
- - - - - - - -

 4215158.0 | 30.21493 (14010808)   31.84003 (14010808)   33.00364 (14010808)   33.54737 (14010808)
33.18913 (14010808)
 4215138.0 | 30.74393 (14010808)   31.66808 (14010808)   31.88190 (14010808)   31.33219 (14010808)
29.88676 (14010808)
 4215118.0 | 30.27153 (14010808)   30.30757 (14010808)   29.56399 (14010808)   28.04528 (14010808)
25.70449 (14010808)
 4215098.0 | 28.78641 (14010808)   27.88908 (14010808)   26.29872 (14010808)   24.01039 (14010808)
22.61519 (16112107)
 4215078.0 | 26.33769 (14010808)   24.70131 (14010808)   22.45723 (14010808)   21.95487 (16112107)
22.36991 (16112107)
 4215058.0 | 23.23670 (14010808)   21.03434 (14010808)   21.29464 (16112107)   21.73487 (16112107)
22.44212 (16112108)
 4215038.0 | 20.35884 (13111207)   20.66595 (13111207)   21.09787 (16112107)   21.54404 (16112108)
23.46883 (16112108)
 4215018.0 | 20.16613 (13111207)   20.46234 (13111207)   20.90386 (16112107)   22.45881 (16112108)
24.49041 (16112108)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539044.00	539064.00	539084.00	539104.00	539124.00
4215958.0	48.55426 (13111207)	52.95898 (13111207)	57.70277 (13111207)	63.47090 (16121208)	70.19156 (16121208)
4215938.0	46.82172 (13111207)	50.78884 (13111207)	55.08229 (13111207)	60.20368 (16112107)	66.11900 (16121208)
4215918.0	45.22695 (13111207)	48.84094 (13111207)	52.71929 (13111207)	57.31148 (16112107)	62.55073 (16121208)
4215898.0	43.72588 (13111207)	47.05539 (13111207)	50.57583 (13111207)	54.68692 (16112107)	59.35594 (16121208)
4215878.0	41.97125 (13111207)	45.41143 (13111207)	48.62088 (13111207)	52.35196 (16112107)	56.58045 (16121208)
4215858.0	41.39857 (16112107)	43.76555 (13111207)	46.80130 (13111207)	50.26157 (16112107)	54.08408 (16121208)
4215838.0	42.71352 (16112107)	41.99389 (13111207)	45.07594 (13111207)	48.32564 (16112107)	51.79552 (16121208)
4215818.0	42.88753 (13111207)	43.30088 (16121208)	43.26305 (13111207)	46.55019 (16112107)	49.74151 (16121208)
4215798.0	42.03973 (13111207)	43.89222 (16112107)	42.35858 (16121208)	44.69552 (16112107)	47.83784 (16121208)
4215778.0	40.84891 (13111207)	43.12482 (16112107)	43.21177 (16121208)	42.86985 (16112107)	45.89290 (16121208)
4215758.0	39.96306 (13111207)	42.09075 (16112107)	43.94409 (16121208)	42.94938 (16121208)	43.97946 (16121208)
4215738.0	38.89474 (13111207)	40.94615 (16112107)	43.08052 (16121208)	43.98219 (16121208)	42.50399 (16121208)
4215718.0	37.91636 (13111207)	39.85563 (13111207)	41.92778 (16112107)	44.09771 (16121208)	42.24091 (16121208)
4215698.0	37.02417 (13111207)	38.69973 (16112107)	40.56106 (16112107)	42.78356 (16121208)	43.17749 (16121208)
4215678.0	36.16757 (13111207)	37.77602 (16112107)	39.47617 (16112107)	41.40384 (16121208)	43.73034 (16121208)
4215658.0	35.39673 (13111207)	36.94125 (16112107)	38.54238 (16121208)	40.32033 (16121208)	42.23976 (16121208)
4215638.0	34.63503 (13111207)	36.11767 (16112107)	37.62700 (16121208)	39.29239 (16121208)	41.08443 (16121208)
4215618.0	33.90703 (13111207)	35.33385 (16112107)	36.75960 (16121208)	38.32070 (16121208)	39.95443 (16121208)

 4215598.0 | 33.22911 (16112107)   34.58759 (16112107)   35.93736 (16121208)   37.40155 (16121208)
38.93652 (16121208)
 4215578.0 | 32.60037 (16112107)   33.87618 (16112107)   35.15684 (16121208)   36.53152 (16121208)
37.93867 (16121208)
 4215558.0 | 31.99749 (16112107)   33.19687 (16112107)   34.41452 (16121208)   35.70682 (16121208)
37.02757 (16121208)
 4215538.0 | 31.40101 (16112107)   32.52532 (16112107)   33.68356 (16121208)   34.89847 (16121208)
36.16418 (16121208)
 4215518.0 | 30.86304 (16112107)   31.92271 (16112107)   33.02916 (16121208)   34.14075 (16121208)
35.34439 (16121208)
 4215498.0 | 30.37490 (16112107)   31.37670 (16112107)   32.43797 (16121208)   33.49103 (16121208)
34.55989 (16121208)
 4215478.0 | 29.90253 (16112107)   30.85037 (16112107)   31.86957 (16121208)   32.86791 (16121208)
33.83770 (16121208)
 4215458.0 | 29.40693 (16112107)   30.30142 (16112107)   31.27759 (16121208)   32.22176 (16121208)
33.19761 (16121208)
 4215438.0 | 28.96136 (16112107)   29.80909 (16112107)   30.74836 (16121208)   31.64527 (16121208)
32.52356 (16121208)
 4215418.0 | 28.49327 (16112107)   29.29266 (16121208)   30.19368 (16121208)   31.04288 (16121208)
31.92498 (16121208)
 4215398.0 | 28.02609 (16112107)   28.79250 (16121208)   29.64400 (16121208)   30.50590 (16121208)
31.34970 (16121208)
 4215378.0 | 27.61564 (16112107)   28.35539 (16121208)   29.16489 (16121208)   31.52318 (14010809)
35.02973 (14010809)
 4215358.0 | 27.21764 (16112107)   29.13812 (14010809)   31.94723 (14010809)   35.15521 (14010809)
38.63274 (14010809)
 4215338.0 | 29.38910 (14010809)   31.94488 (14010809)   34.67455 (14010809)   38.19839 (15122508)
42.14427 (15122508)
 4215318.0 | 31.53963 (15122508)   34.47182 (15122508)   37.62589 (15122508)   40.78858 (15122508)
43.60313 (15122508)
 4215298.0 | 34.02798 (15122508)   36.64010 (15122508)   39.04479 (15122508)   40.92296 (15122508)
43.11818 (13011008)
 4215278.0 | 35.35644 (15122508)   37.04032 (15122508)   38.72956 (13011008)   41.44850 (14010808)
45.08269 (14010808)
 4215258.0 | 35.30055 (13011008)   36.89997 (13011008)   39.92155 (14010808)   42.73183 (14010808)
44.83026 (14010808)
 4215238.0 | 35.77684 (14010808)   38.48548 (14010808)   40.61686 (14010808)   41.88075 (14010808)
41.98247 (14010808)
 4215218.0 | 37.10491 (14010808)   38.73729 (14010808)   39.41145 (14010808)   38.90810 (14010808)
37.01975 (14010808)
 4215198.0 | 36.93316 (14010808)   37.19593 (14010808)   36.29096 (14010808)   34.17453 (14010808)
30.82097 (14010808)
 4215178.0 | 35.12609 (14010808)   33.97415 (14010808)   31.69632 (14010808)   28.42404 (14010808)
27.91741 (16112108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                               INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
                L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
                L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
                L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539044.00   539064.00   539084.00   539104.00

```
539124.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215158.0 |     31.84667 (14010808)     29.50849 (14010808)     26.31625 (14010808)     26.35300 (16112108)
29.63436 (16112108)
 4215138.0 |     27.51971 (14010808)     24.41915 (14010808)     24.93610 (16112108)     27.82704 (16112108)
31.26214 (16112108)
 4215118.0 |     23.32084 (16121208)     23.81339 (16121208)     26.23021 (16112108)     29.30431 (16112108)
32.65067 (16112108)
 4215098.0 |     23.06210 (16121208)     24.81167 (16112108)     27.56543 (16112108)     30.61373 (16112108)
33.58001 (16112108)
 4215078.0 |     23.54506 (16112108)     26.01442 (16112108)     28.79847 (16112108)     31.59249 (16112108)
33.93854 (16112108)
 4215058.0 |     24.62532 (16112108)     27.16465 (16112108)     29.78525 (16112108)     32.10914 (16112108)
34.19916 (13121808)
 4215038.0 |     25.74313 (16112108)     28.17342 (16112108)     30.41714 (16112108)     32.25030 (13121808)
34.67407 (13121808)
 4215018.0 |     26.71301 (16112108)     28.85982 (16112108)     30.56130 (16112108)     32.85876 (13121808)
34.67010 (13121808)
 4214998.0 |     27.42740 (16112108)     29.13692 (16112108)     31.09351 (13121808)     33.05008 (13121808)
34.16529 (13121808)
 4214978.0 |     27.80092 (16112108)     29.45794 (13121808)     31.44906 (13121808)     32.78976 (13121808)
33.40254 (15112508)
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  17:02:24

  PAGE 345
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK2
***
                                  INCLUDING SOURCE(S):     L0000555    , L0000556    , L0000557    , L0000558    ,
L0000559    ,
                 L0000560    , L0000561    , L0000562    , L0000563    , L0000564    , L0000565    , L0000566    ,
L0000567    ,
                 L0000568    , L0000569    , L0000570    , L0000571    , L0000572    , L0000573    , L0000574    ,
L0000575    ,
                 L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
. . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                                 X-COORD (METERS)
  (METERS) |      539144.00               539164.00               539184.00               539204.00
539224.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215958.0 |     81.21844 (16121207)     94.93439 (16121207)    113.42820 (13120208)    144.27699 (15012109)
193.33396 (15011508)
 4215938.0 |     75.07831 (16121207)     86.97785 (16121207)    101.48566 (13120208)    123.88061 (15012109)
159.68259 (15012109)
 4215918.0 |     69.79504 (16121207)     80.23750 (16121207)     92.37764 (16121207)    109.16971 (13120208)
136.33415 (15012109)
 4215898.0 |     65.15332 (16121207)     74.53705 (16121207)     85.02603 (16121207)     98.49556 (13120208)
118.72401 (15012109)
 4215878.0 |     61.28082 (16121208)     69.68654 (16121207)     78.97069 (16121207)     89.78344 (13120208)
104.86601 (15012109)
 4215858.0 |     58.33325 (16121208)     65.42370 (16121207)     73.70590 (16121207)     82.90532 (16121207)
95.36668 (13120208)
 4215838.0 |     55.65441 (16121208)     61.64186 (16121207)     69.15450 (16121207)     77.26393 (16121207)
87.43787 (13120208)
 4215818.0 |     53.23873 (16121208)     58.23291 (16121207)     65.10680 (16121207)     72.38250 (16121207)
80.71671 (13120208)
```

 4215798.0 | 51.04805 (16121208)   55.19011 (16121207)   61.53587 (16121207)   68.07358 (16121207)
75.18790 (16121207)
 4215778.0 | 49.02655 (16121208)   52.39031 (16121207)   58.25616 (16121207)   64.26519 (16121207)
70.65405 (16121207)
 4215758.0 | 47.12481 (16121208)   50.10118 (16121208)   55.32359 (16121207)   60.86920 (16121207)
66.66864 (16121207)
 4215738.0 | 45.23659 (16121208)   48.09942 (16121208)   52.66252 (16121207)   57.81777 (16121207)
63.13193 (16121207)
 4215718.0 | 44.56675 (16121207)   46.19552 (16121208)   50.20725 (16121207)   54.87220 (16121207)
59.73468 (16121207)
 4215698.0 | 44.27471 (16121207)   45.60341 (16121207)   48.60236 (16121207)   52.55299 (16121207)
56.83624 (16121207)
 4215678.0 | 42.94702 (16121207)   45.76937 (16121207)   48.06201 (16121207)   50.71119 (16121207)
54.31048 (16121207)
 4215658.0 | 43.40089 (16121208)   45.59369 (16121207)   48.21094 (16121207)   49.28105 (16121207)
52.05482 (16121207)
 4215638.0 | 43.15088 (16121208)   44.38217 (16121207)   47.36633 (16121207)   48.20806 (16121207)
50.13867 (16121207)
 4215618.0 | 41.76505 (16121208)   43.32377 (16121208)   46.85662 (16121207)   47.39249 (16121207)
48.58240 (16121207)
 4215598.0 | 40.50769 (16121208)   42.48494 (16121208)   45.38853 (16121207)   47.62365 (16121207)
48.06962 (16121207)
 4215578.0 | 39.43575 (16121208)   41.28376 (16121208)   43.61163 (16121207)   47.52402 (16121207)
48.25447 (16121207)
 4215558.0 | 38.43789 (16121208)   39.97221 (16121208)   42.11516 (16121207)   45.86189 (16121207)
48.38650 (16121207)
 4215538.0 | 37.49110 (16121208)   38.90877 (16121208)   40.73570 (16121207)   44.33391 (16121207)
47.66195 (16121207)
 4215518.0 | 36.59192 (16121208)   37.89709 (16121208)   39.43306 (16121207)   42.79483 (16121207)
46.12723 (16121207)
 4215498.0 | 35.70666 (16121208)   36.96617 (16121208)   38.34118 (16121208)   41.44553 (16121207)
44.53755 (16121207)
 4215478.0 | 34.89088 (16121208)   36.07974 (16121208)   37.37685 (16121208)   40.17281 (16121207)
43.09596 (16121207)
 4215458.0 | 34.14082 (16121208)   35.23524 (16121208)   36.45527 (16121208)   38.93959 (16121207)
41.78473 (16121207)
 4215438.0 | 33.46940 (16121208)   34.41152 (16121208)   35.54374 (16121208)   37.76087 (16121207)
41.33419 (14010809)
 4215418.0 | 32.82547 (16121208)   34.05089 (13011008)   38.28810 (14010809)   42.99233 (14010809)
48.41144 (14010809)
 4215398.0 | 34.68075 (14010809)   38.84019 (14010809)   43.69727 (14010809)   49.13746 (15122508)
54.12631 (15122508)
 4215378.0 | 38.78204 (14010809)   43.08751 (15122508)   48.22991 (15122508)   53.86609 (15122508)
58.37972 (15122508)
 4215358.0 | 42.64483 (15122508)   46.84316 (15122508)   51.14786 (15122508)   53.72160 (15122508)
58.41276 (14010808)
 4215338.0 | 46.01530 (15122508)   48.32237 (15122508)   49.88317 (14010808)   55.44051 (14010808)
58.48488 (14010808)
 4215318.0 | 45.64412 (13011008)   48.40285 (14010808)   51.70072 (14010808)   54.68905 (14010808)
53.91055 (14010808)
 4215298.0 | 47.41111 (14010808)   51.18311 (14010808)   51.68753 (14010808)   50.01742 (14010808)
46.04824 (14010808)
 4215278.0 | 47.93300 (14010808)   49.28359 (14010808)   48.25376 (14010808)   42.54184 (14010808)
40.30250 (16112108)
 4215258.0 | 45.42221 (14010808)   44.18122 (14010808)   40.55564 (14010808)   36.82889 (16112108)
42.92710 (16112108)
 4215238.0 | 40.31984 (14010808)   36.91167 (14010808)   33.99542 (16112108)   39.36949 (16112108)
44.90305 (16112108)
 4215218.0 | 33.62851 (14010808)   31.64037 (16112108)   36.62284 (16112108)   41.47222 (16112108)
45.69161 (16112108)
 4215198.0 | 29.66453 (16112108)   33.90098 (16112108)   38.81224 (16112108)   43.51603 (16112108)
45.25179 (16112108)
 4215178.0 | 31.62925 (16112108)   35.94138 (16112108)   40.27441 (16112108)   43.67866 (16112108)
45.88607 (13121808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***
INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539144.00	539164.00	539184.00	539204.00	539224.00
4215158.0	33.45474 (16112108)	37.41927 (16112108)	40.76192 (16112108)	43.82929 (13121808)	45.35088 (13121808)
4215138.0	34.89368 (16112108)	38.12285 (16112108)	40.79759 (13121808)	43.71999 (13121808)	45.21156 (15112508)
4215118.0	35.74412 (16112108)	37.99521 (13121808)	41.02890 (13121808)	42.74027 (13121808)	44.15160 (15112508)
4215098.0	35.87783 (16112108)	38.50956 (13121808)	40.49069 (13121808)	41.78433 (15112508)	42.28644 (15112508)
4215078.0	36.26960 (13121808)	38.37509 (13121808)	39.41714 (15112508)	40.57982 (15112508)	39.92147 (15112508)
4215058.0	36.51202 (13121808)	37.66707 (13121808)	38.73672 (15112508)	38.87529 (15112508)	38.55459 (16121307)
4215038.0	36.19594 (13121808)	36.97384 (15112508)	37.58533 (15112508)	36.68779 (15112508)	37.43192 (16121307)
4215018.0	35.39055 (13121808)	36.27675 (15112508)	35.95183 (15112508)	35.80886 (16121307)	36.42865 (14122408)
4214998.0	34.90462 (15112508)	35.11530 (15112508)	34.01681 (16121307)	34.82880 (16121307)	36.29830 (14110707)
4214978.0	34.08893 (15112508)	33.48062 (15112508)	33.44930 (16121307)	33.94248 (14122408)	36.32932 (14110707)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***
INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	539244.00	539264.00	539284.00	539304.00

539324.00
- -
- - - - - - - -

4215958.0 | 276.60883 (14121816) 233.75475 (14121816) 236.61225 (15120816) 190.06077 (14121807)
140.62002 (15011909)
4215938.0 | 216.54271 (15011508) 293.35033 (14121816) 228.19926 (16011507) 219.44025 (15120816)
164.89654 (14121807)
4215918.0 | 178.26363 (15011508) 213.84404 (14121816) 289.83824 (14121816) 211.90379 (16011507)
217.68303 (15120816)
4215898.0 | 148.80553 (15012109) 198.91218 (15011508) 233.95208 (14121816) 263.88789 (14121816)
261.23760 (15120816)
4215878.0 | 128.99262 (15012109) 163.33093 (15011508) 207.96276 (16120107) 241.15873 (14121816)
221.27342 (14121816)
4215858.0 | 113.72291 (15012109) 139.23159 (15012109) 179.97656 (15011508) 234.81750 (16120107)
258.39233 (16011507)
4215838.0 | 101.47413 (15012109) 122.37947 (15012109) 151.53053 (15011508) 199.07836 (15011508)
245.94973 (14121816)
4215818.0 | 92.00611 (13120208) 109.02329 (15012109) 131.18475 (15012109) 166.02932 (15011508)
205.28587 (16120107)
4215798.0 | 84.85471 (13120208) 98.19510 (15012109) 116.54392 (15012109) 141.72245 (15011508)
182.34386 (15011508)
4215778.0 | 78.74258 (13120208) 89.03178 (15012109) 104.74447 (15012109) 124.25233 (15012109)
153.63582 (15011508)
4215758.0 | 73.40170 (13120208) 82.33996 (13120208) 95.00229 (15012109) 111.32394 (15012109)
133.08286 (15011508)
4215738.0 | 68.84989 (16121207) 76.76237 (13120208) 86.76801 (15012109) 100.76781 (15012109)
117.95993 (15012109)
4215718.0 | 64.95140 (16121207) 71.89804 (13120208) 79.97677 (13120208) 92.01181 (15012109)
106.54805 (15012109)
4215698.0 | 61.57952 (16121207) 67.63939 (13120208) 74.87110 (13120208) 84.55010 (15012109)
97.16806 (15012109)
4215678.0 | 58.70292 (16121207) 63.76415 (13120208) 70.43522 (13120208) 78.08647 (15012109)
89.27489 (15012109)
4215658.0 | 56.10451 (16121207) 60.63598 (16121207) 66.39103 (13120208) 73.11920 (13120208)
82.51068 (15012109)
4215638.0 | 53.74388 (16121207) 57.93887 (16121207) 62.82923 (13120208) 68.93938 (13120208)
76.63187 (15012109)
4215618.0 | 51.58730 (16121207) 55.37246 (16121207) 59.69135 (13120208) 65.16361 (13120208)
71.52423 (15012109)
4215598.0 | 49.60138 (16121207) 52.97788 (16121207) 57.11288 (13120208) 61.96832 (13120208)
67.54667 (13120208)
4215578.0 | 48.26208 (16121207) 51.54693 (13120208) 55.33767 (13120208) 59.50230 (13120208)
64.27955 (13120208)
4215558.0 | 47.76099 (16121207) 51.07910 (13120208) 55.27106 (13120208) 58.59787 (13120208)
61.90673 (15012109)
4215538.0 | 48.88729 (16121207) 51.55108 (13120208) 55.05220 (13120208) 58.21197 (13120208)
60.84695 (15012109)
4215518.0 | 48.75153 (16121207) 50.90609 (16121207) 53.78959 (13120208) 58.68213 (14013007)
66.14233 (14013007)
4215498.0 | 47.64787 (16121207) 49.94165 (16121207) 53.19656 (14032507) 60.41775 (14032507)
70.29614 (14032507)
4215478.0 | 46.18408 (16121207) 48.81455 (16121207) 54.14041 (14032507) 61.59820 (14032507)
71.48041 (14032507)
4215458.0 | 44.53837 (16121207) 47.40320 (16121207) 56.53927 (14010809) 70.98260 (14010809)
91.11778 (14010809)
4215438.0 | 48.61627 (14010809) 58.07017 (14010809) 70.14946 (14010809) 85.77392 (15122508)
104.33827 (15122508)
4215418.0 | 56.43978 (14010809) 66.58189 (15122508) 78.14734 (15122508) 88.68852 (15122508)
101.54399 (14010808)
4215398.0 | 61.56729 (15122508) 69.26699 (15122508) 75.05193 (14010808) 85.51796 (14010808)
90.30237 (14010808)
4215378.0 | 60.11791 (15122508) 66.40092 (14010808) 73.11417 (14010808) 74.91634 (14010808)
73.81840 (16112108)
4215358.0 | 62.02846 (14010808) 62.77301 (14010808) 63.30413 (14010808) 62.59587 (16112108)
76.85158 (16112108)
4215338.0 | 60.42241 (14010808) 54.74744 (14010808) 55.02022 (16112108) 65.64609 (16112108)
74.91404 (16112108)
4215318.0 | 51.80119 (14010808) 49.60911 (16112108) 58.76893 (16112108) 65.22476 (16112108)

69.06959 (16112108)
 4215298.0 | 44.31991 (16112108)   52.55696 (16112108)   59.81501 (16112108)   62.86239 (13121808)
65.00994 (15112508)
 4215278.0 | 47.31106 (16112108)   53.96431 (16112108)   58.25189 (16112108)   61.35183 (15112508)
62.63417 (16121307)
 4215258.0 | 49.04594 (16112108)   53.86078 (16112108)   56.58251 (13121808)   59.60128 (15112508)
60.62467 (16121307)
 4215238.0 | 49.26818 (16112108)   52.26242 (13121808)   55.30825 (15112508)   57.21064 (15112508)
58.24365 (16121307)
 4215218.0 | 48.01558 (16112108)   51.02709 (13121808)   53.32666 (15112508)   53.83490 (16121307)
55.71699 (14122408)
 4215198.0 | 48.26259 (13121808)   49.48561 (15112508)   50.41368 (15112508)   51.53773 (16121307)
54.20970 (14110707)
 4215178.0 | 46.95974 (13121808)   48.82265 (15112508)   48.76493 (16121307)   50.26385 (14122408)
53.79431 (14110707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                               INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
               L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
               L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
               L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539244.00   539264.00   539284.00   539304.00
539324.00
 -
- - - - - - - -

 4215158.0 | 45.81462 (15112508)   46.26749 (15112508)   47.00817 (16121307)   49.24509 (14110707)
52.07940 (14110707)
 4215138.0 | 45.25450 (15112508)   44.87959 (16121307)   46.08082 (14122408)   48.30498 (14110707)
50.06419 (13111207)
 4215118.0 | 43.64998 (15112508)   43.42162 (16121307)   45.37163 (14110707)   48.24423 (14110707)
48.82912 (13111207)
 4215098.0 | 41.76539 (16121307)   42.72176 (14122408)   44.84990 (14110707)   46.63460 (14110707)
47.35085 (13111207)
 4215078.0 | 40.45756 (16121307)   42.46769 (14110707)   45.07158 (14110707)   45.27946 (13111207)
45.70672 (13111207)
 4215058.0 | 39.33097 (14122408)   42.21999 (14110707)   43.89626 (14110707)   44.32154 (13111207)
44.97332 (13111207)
 4215038.0 | 39.21156 (14110707)   41.71246 (14110707)   42.56903 (14110707)   44.16973 (13111207)
43.51690 (16112107)
 4215018.0 | 39.13976 (14110707)   40.96112 (14110707)   41.97004 (13111207)   42.90785 (13111207)
43.65129 (16112107)
 4214998.0 | 38.84883 (14110707)   40.06041 (14110707)   41.23239 (13111207)   41.52132 (13111207)
42.73776 (16112107)
 4214978.0 | 38.34506 (14110707)   38.97513 (13111207)   40.34886 (13111207)   40.30869 (16112107)
41.75978 (16112107)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000555 , L0000556 , L0000557 , L0000558 , L0000559 ,
L0000560 , L0000561 , L0000562 , L0000563 , L0000564 , L0000565 , L0000566 , L0000567 ,
L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539344.00	539364.00	539384.00	539404.00	539424.00
4215958.0	116.99476 (15011909)	102.67585 (15112607)	91.77733 (15112607)	81.96215 (15112607)	73.57850 (13110607)
4215938.0	132.38157 (15011909)	112.61467 (15112607)	99.61026 (15112607)	88.50983 (15112607)	78.62415 (13110607)
4215918.0	152.76656 (15011909)	124.98040 (15112607)	108.94901 (15112607)	96.05829 (15112607)	84.38316 (13110607)
4215898.0	183.28494 (15120816)	142.74501 (15011909)	120.35887 (15112607)	104.99923 (15112607)	91.61249 (15112607)
4215878.0	235.76263 (15120816)	167.58252 (15011909)	134.76744 (15112607)	115.77435 (15112607)	100.21646 (15112607)
4215858.0	227.06419 (15120816)	204.93431 (15120816)	154.84783 (15011909)	129.03517 (15112607)	110.45216 (15112607)
4215838.0	265.57146 (16011507)	221.27310 (15120816)	184.33936 (15011909)	145.98029 (15112607)	122.89951 (15112607)
4215818.0	260.08882 (14121816)	259.40839 (16011507)	204.61120 (15120816)	168.57861 (15011909)	138.48820 (15112607)
4215798.0	225.90242 (16120107)	255.20608 (14121816)	257.79581 (15120816)	206.28867 (15120816)	158.54637 (15112607)
4215778.0	201.30070 (15011508)	237.78330 (16011507)	242.45605 (16011507)	243.83470 (15120816)	185.93984 (15112607)
4215758.0	166.84575 (15011508)	219.37156 (16120107)	264.69278 (16011507)	237.41412 (16011507)	215.84615 (15120816)
4215738.0	143.21635 (15011508)	181.99801 (15011508)	207.34987 (16120107)	216.42607 (16011507)	223.14340 (16011507)
4215718.0	125.61286 (15011508)	154.42664 (15011508)	205.39384 (16120107)	224.61606 (16011507)	248.88578 (14121816)
4215698.0	112.38773 (15012109)	134.51867 (15011508)	167.34014 (15011508)	214.76368 (16120107)	245.65932 (16011507)
4215678.0	102.33177 (15012109)	119.37136 (15011508)	144.40796 (15011508)	183.82248 (16120107)	237.15965 (16120107)
4215658.0	93.98745 (15012109)	107.77038 (15012109)	127.48607 (15011508)	155.69138 (15011508)	206.93271 (16120107)
4215638.0	86.88826 (15012109)	98.84294 (15012109)	114.32526 (15011508)	136.36942 (15011508)	168.85179 (15012108)
4215618.0	80.83551 (15012109)	91.46687 (15012109)	104.14044 (15012109)	121.95312 (15011508)	146.48457 (15011508)
4215598.0	75.52568 (15012109)	85.14731 (15012109)	96.32587 (15012109)	110.74458 (15011508)	130.48905 (15011508)
4215578.0	71.14262 (15012109)	79.77934 (15012109)	89.96752 (15012109)	102.06376 (15011508)	118.84247 (15011508)
4215558.0	67.76668 (15012109)	75.28454 (15012109)	84.84309 (15012109)	95.80945 (15012109)	110.61629 (15011508)
4215538.0	65.28645 (15012109)	71.76187 (15012109)	90.62300 (14121816)	98.80841 (14121816)	105.83393 (15011508)
4215518.0	75.04443 (14013007)	85.41818 (14013007)	97.90902 (14032507)	123.11659 (14032507)	

119.12420 (14032507)
 4215498.0 | 84.21897 (14032507)   105.23329 (14032507)   94.81408 (14032507)   138.87765 (13011008)
145.02757 (14010808)
 4215478.0 | 88.94154 (14010809)   126.22990 (14010809)   126.02732 (15122508)   173.70962 (14010808)
139.39368 (14010808)
 4215458.0 | 118.44887 (15122508)   150.75974 (15122508)   191.89988 (14010808)   148.44322 (14010808)
197.26997 (13121808)
 4215438.0 | 122.16395 (14010808)   142.65869 (14010808)   140.38267 (13121808)   162.72102 (13121808)
156.95325 (14110707)
 4215418.0 | 111.49825 (14010808)   110.02439 (16112108)   131.28596 (13121808)   136.30160 (15112508)
136.29062 (13111207)
 4215398.0 | 88.93267 (16112108)   108.17483 (16112108)   116.87046 (15112508)   117.88426 (14110707)
120.08241 (13111207)
 4215378.0 | 90.60544 (16112108)   98.75799 (13121808)   102.32144 (16121307)   106.44705 (13111207)
107.77507 (16112107)
 4215358.0 | 85.68697 (16112108)   90.39757 (15112508)   93.07797 (14122408)   97.23795 (13111207)
97.87675 (16121208)
 4215338.0 | 78.71446 (15112508)   82.84445 (16121307)   85.53279 (14110707)   88.93193 (13111207)
89.85679 (16121208)
 4215318.0 | 72.97937 (15112508)   76.61196 (14122408)   79.51117 (13111207)   81.79117 (16112107)
83.45477 (17012507)
 4215298.0 | 68.62148 (16121307)   71.55126 (14122408)   74.40779 (13111207)   76.16097 (16112107)
78.23881 (17012507)
 4215278.0 | 63.93792 (14122408)   66.08616 (14110707)   69.55277 (16113007)   70.84627 (16112107)
73.36044 (17012507)
 4215258.0 | 61.56646 (14110707)   63.15769 (13111207)   65.02974 (16113007)   66.22516 (16121208)
68.87734 (17012507)
 4215238.0 | 60.69360 (14110707)   61.88886 (13111207)   61.33371 (16112107)   63.02647 (17012507)
65.04203 (17012507)
 4215218.0 | 59.12136 (14110707)   60.23543 (13111207)   59.88211 (16121208)   61.27769 (17012507)
62.39220 (16121207)
 4215198.0 | 56.64285 (13111207)   57.74488 (13111207)   58.85948 (16121208)   59.78791 (17012507)
60.28558 (16121207)
 4215178.0 | 54.87046 (13111207)   55.82827 (16112107)   56.98627 (16121208)   57.61500 (17012507)
58.18376 (16121207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
                L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
                L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
                L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539344.00   539364.00   539384.00   539404.00
539424.00
 -
- - - - - - - -

 4215158.0 | 54.06980 (13111207)   54.06200 (16112107)   55.40544 (16121208)   55.28070 (17012507)
56.10521 (16121207)
 4215138.0 | 51.97722 (13111207)   52.18659 (16112107)   53.27560 (16121208)   53.45135 (17012507)
53.88515 (16121207)
 4215118.0 | 49.74804 (13111207)   51.35670 (16112107)   51.20165 (16121208)   51.49807 (17012507)

51.88169 (16121207)
 4215098.0 | 48.02876 (16112107)   49.52058 (16112107)   50.29714 (16121208)   49.64382 (17012507)
50.32963 (16121207)
 4215078.0 | 46.73073 (16112107)   47.90156 (16121208)   48.33022 (16121208)   48.55230 (17012507)
48.89270 (16121207)
 4215058.0 | 45.41972 (16112107)   46.43302 (16121208)   46.33549 (16121208)   46.86009 (17012507)
47.68924 (16121207)
 4215038.0 | 45.10857 (16112107)   45.92863 (16121208)   44.43898 (17012507)   45.23865 (17012507)
46.41592 (16121207)
 4215018.0 | 43.67396 (16112107)   44.41918 (16121208)   43.84510 (17012507)   43.66243 (17012507)
45.22314 (16121207)
 4214998.0 | 43.44513 (16121208)   42.91770 (16121208)   42.61619 (17012507)   42.17199 (17012507)
44.10277 (16121207)
 4214978.0 | 42.32741 (16121208)   41.99953 (16121208)   41.41298 (17012507)   40.71802 (17012507)
43.04780 (16121207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
                L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
                L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
                L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539444.00   539464.00   539484.00   539504.00
539524.00
 -
- - - - - - - -

 4215958.0 | 66.41244 (13110607)   62.89347 (14120907)   59.58261 (14120907)   55.47143 (14120907)
52.38606 (15122108)
 4215938.0 | 70.78758 (13110607)   66.39266 (14120907)   62.72094 (14120907)   58.22855 (14120907)
54.80050 (15122108)
 4215918.0 | 75.77217 (13110607)   70.30723 (14120907)   66.20627 (14120907)   61.22408 (14120907)
57.43526 (15122108)
 4215898.0 | 81.44830 (13110607)   74.71792 (14120907)   70.14903 (14120907)   64.54322 (14120907)
60.32173 (15122108)
 4215878.0 | 87.88714 (13110607)   79.67598 (14120907)   74.42751 (14120907)   68.25623 (15122108)
63.49773 (15122108)
 4215858.0 | 95.44014 (13110607)   85.30407 (14120907)   79.33027 (14120907)   72.50815 (15122108)
67.00929 (15122108)
 4215838.0 | 104.31696 (13110607)   91.81710 (14120907)   84.93500 (14120907)   77.24943 (15122108)
70.91317 (15122108)
 4215818.0 | 115.34542 (15112607)   99.45067 (14120907)   91.40791 (14120907)   82.64530 (15122108)
75.42982 (15113008)
 4215798.0 | 129.89841 (15112607)   108.87474 (13110607)   98.97391 (14120907)   88.92719 (15122108)
80.75843 (15113008)
 4215778.0 | 148.43150 (15112607)   121.48473 (13110607)   108.03004 (14120907)   96.22001 (15122108)
86.96375 (14012807)
 4215758.0 | 172.84045 (15112607)   137.19368 (13110607)   118.86702 (14120907)   104.75562 (15122108)
94.19953 (14012807)
 4215738.0 | 182.47059 (17012308)   158.26333 (15112607)   132.09735 (14120907)   114.87219 (15122108)
102.53646 (14012807)
 4215718.0 | 201.34424 (16011507)   186.74346 (15112607)   148.58048 (14120907)   127.12187 (15122108)

112.26451 (14012807)
 4215698.0 | 222.59819 (15120816)   208.77373 (15120816)   169.81657 (14120907)   142.19494 (15122108)
123.77898 (14012807)
 4215678.0 | 260.83072 (16011507)   214.71612 (15120816)   179.26743 (17012308)   161.36730 (15122108)
137.62145 (14012807)
 4215658.0 | 261.10306 (16011507)   266.75073 (16011507)   191.94887 (16011507)   186.38121 (14120907)
155.17787 (15012808)
 4215638.0 | 233.91933 (16120107)   231.32936 (16011507)   262.00106 (16011507)   179.63971 (16112908)
177.30353 (15012808)
 4215618.0 | 188.21443 (16120107)   220.41734 (16120107)   242.84935 (16011507)   246.49945 (16011507)
192.23894 (17012308)
 4215598.0 | 158.27025 (15011508)   212.64262 (16120107)   242.60667 (16011507)   247.20029 (16011507)
221.25775 (16011507)
 4215578.0 | 140.92186 (15011508)   174.69630 (16120107)   227.42558 (16120107)   268.62349 (16011507)
242.12362 (16011507)
 4215558.0 | 129.60249 (15011508)   155.42852 (15011508)   192.60101 (16120107)   238.68297 (16120107)
280.88098 (16011507)
 4215538.0 | 130.20183 (14032507)   130.00597 (15011508)   157.41843 (15012109)   202.95628 (16120107)
231.90807 (16011507)
 4215518.0 | 124.02230 (13011008)   119.39520 (15011508)   139.48248 (15011508)   204.20922 (15011508)
298.79925 (16120107)
 4215498.0 | 128.13364 (14010808)   152.61799 (13121808)   187.35427 (13111207)   235.50317 (15011508)
249.67539 (16120107)
 4215478.0 | 171.53884 (13121808)   201.62302 (13111207)   199.50917 (15011508)   203.71776 (15011508)
212.94723 (16120107)
 4215458.0 | 181.27411 (13111207)   174.79787 (15012109)   175.74297 (15012109)   179.50807 (15011508)
184.91825 (16120107)
 4215438.0 | 152.18678 (13111207)   155.87225 (15012109)   157.95918 (15012109)   160.82194 (15011508)
164.35755 (15012108)
 4215418.0 | 132.78697 (16121207)   140.10180 (15012109)   143.66440 (15012109)   146.44328 (15012109)
148.63839 (15011508)
 4215398.0 | 119.49530 (16121207)   126.76578 (15012109)   131.63346 (15012109)   134.75790 (15012109)
136.62904 (15011508)
 4215378.0 | 108.50508 (16121207)   115.16240 (15012109)   121.37774 (15012109)   124.90293 (15012109)
126.58272 (15011508)
 4215358.0 | 99.29537 (16121207)   105.10111 (15012109)   112.22856 (15012109)   116.35566 (15012109)
117.86672 (15011508)
 4215338.0 | 91.62020 (16121207)   96.58204 (15012109)   104.12405 (15012109)   108.75354 (15012109)
110.46116 (15012109)
 4215318.0 | 84.84776 (16121207)   89.55458 (15012109)   97.04898 (15012109)   101.85502 (15012109)
104.03270 (15012109)
 4215298.0 | 79.29232 (16121207)   83.82292 (15012109)   91.02395 (15012109)   95.70930 (15012109)
98.20838 (15012109)
 4215278.0 | 74.91920 (16121207)   79.29629 (13120208)   85.42883 (15012109)   90.34427 (15012109)
92.95675 (15012109)
 4215258.0 | 71.87017 (16121207)   76.34385 (13120208)   81.07134 (15012109)   85.77617 (15012109)
88.36184 (15012109)
 4215238.0 | 69.00114 (16121207)   73.14032 (13120208)   77.19852 (15012109)   81.41339 (15012109)
84.41929 (15012109)
 4215218.0 | 66.57065 (16121207)   69.47441 (13120208)   72.63455 (14122407)   77.46213 (15012109)
80.65866 (15012109)
 4215198.0 | 64.40475 (16121207)   66.16928 (13120208)   69.27870 (14122407)   74.41981 (15012109)
77.24764 (15012109)
 4215178.0 | 61.65326 (16121207)   63.17714 (13120208)   65.77487 (14122407)   70.99257 (15012109)
74.68627 (15012109)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
              L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,

```
                L0000568    , L0000569    , L0000570    , L0000571    , L0000572    , L0000573    , L0000574    ,
L0000575    ,
                L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
. . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                            X-COORD (METERS)
  (METERS) |       539444.00              539464.00              539484.00              539504.00
539524.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215158.0 |     59.81779 (16121207)     60.45707 (13120208)     63.53901 (13120208)     67.70461 (15012109)
72.29299 (15012109)
 4215138.0 |     58.28362 (16121207)     59.04191 (13120208)     61.65302 (13120208)     64.92194 (14122407)
68.91185 (15012109)
 4215118.0 |     56.21493 (16121207)     57.82137 (16121207)     60.37499 (13120208)     62.28164 (14122407)
66.12495 (15012109)
 4215098.0 |     54.08104 (16121207)     56.52558 (16121207)     58.65828 (13120208)     59.69158 (14122407)
63.06329 (15012109)
 4215078.0 |     52.44595 (16121207)     54.75519 (16121207)     56.55973 (13120208)     58.07956 (13120208)
60.45124 (14122407)
 4215058.0 |     50.87433 (16121207)     53.36958 (16121207)     54.45496 (13120208)     56.45481 (13120208)
58.31120 (14122407)
 4215038.0 |     49.41402 (16121207)     51.76086 (16121207)     52.64729 (13120208)     54.88404 (13120208)
56.20900 (14122407)
 4215018.0 |     48.41030 (16121207)     50.26215 (16121207)     51.08872 (16121207)     53.48113 (13120208)
53.93080 (14122407)
 4214998.0 |     47.13520 (16121207)     49.50942 (16121207)     49.72932 (16121207)     51.88888 (13120208)
52.65458 (13120208)
 4214978.0 |     45.94009 (16121207)     48.18805 (16121207)     49.17781 (16121207)     50.39204 (13120208)
51.67041 (13120208)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE 353
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK2
***
                                INCLUDING SOURCE(S):     L0000555    , L0000556    , L0000557    , L0000558    ,
L0000559    ,
                L0000560    , L0000561    , L0000562    , L0000563    , L0000564    , L0000565    , L0000566    ,
L0000567    ,
                L0000568    , L0000569    , L0000570    , L0000571    , L0000572    , L0000573    , L0000574    ,
L0000575    ,
                L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
. . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                            X-COORD (METERS)
  (METERS) |       539544.00              539564.00              539584.00              539604.00
539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215958.0 |     49.14952 (15113008)     47.11242 (14012807)     44.56617 (15012808)     42.29110 (15012808)
40.32432 (14011007)
 4215938.0 |     51.37526 (15113008)     49.07284 (14012807)     46.38852 (15012808)     43.58148 (15012808)
41.83086 (14011007)
 4215918.0 |     53.78257 (14012807)     51.15201 (14012807)     48.25194 (15012808)     45.23658 (14011007)
```

43.32051 (14011007)
 4215898.0 | 56.51913 (14012807)   53.39557 (14012807)   50.21649 (15012808)   47.28568 (14011007)
44.82706 (15012008)
 4215878.0 | 59.60161 (14012807)   55.76579 (14012807)   52.27161 (15012808)   49.46519 (14011007)
47.05836 (15012008)
 4215858.0 | 62.92107 (14012807)   58.68042 (15012808)   54.35876 (14011007)   51.69858 (14011007)
49.51202 (16012107)
 4215838.0 | 66.55498 (14012807)   61.83384 (15012808)   57.52022 (14011007)   54.20990 (15012008)
51.92072 (16012107)
 4215818.0 | 70.53838 (14012807)   65.18059 (15012808)   60.77398 (14011007)   57.48461 (16012107)
54.14444 (16012107)
 4215798.0 | 74.90995 (14012807)   68.76113 (15012808)   64.09634 (14011007)   60.90278 (16012107)
56.99029 (16011107)
 4215778.0 | 79.85831 (15012808)   73.08324 (14011007)   68.30703 (16012107)   64.16632 (16012107)
59.62143 (16011107)
 4215758.0 | 85.83721 (15012808)   78.41038 (14011007)   73.38772 (16012107)   68.12312 (16011107)
62.91640 (16010407)
 4215738.0 | 92.44941 (15012808)   84.02879 (14011007)   78.45877 (16012107)   71.80711 (16011107)
65.96245 (16010407)
 4215718.0 | 99.73118 (15012808)   91.82330 (16012107)   84.29530 (16011107)   76.74982 (16010407)
67.46189 (16010407)
 4215698.0 | 109.41443 (14011007)   100.22655 (16012107)   89.98832 (16010407)   80.45451 (16010407)
71.90605 (15112608)
 4215678.0 | 120.86381 (16012107)   109.46037 (16011107)   97.28637 (16010407)   83.75955 (16012908)
78.61946 (15112608)
 4215658.0 | 136.45865 (16012107)   119.97128 (16010407)   101.68125 (16010407)   93.46035 (15112608)
81.67760 (15112608)
 4215638.0 | 154.19224 (16011107)   131.68988 (16010407)   114.54884 (15112608)   98.26303 (15112608)
82.29486 (17012008)
 4215618.0 | 176.41769 (16010407)   147.11078 (15112608)   122.60128 (15112608)   100.74376 (15011308)
89.99434 (15011308)
 4215598.0 | 199.94648 (15112608)   162.80607 (15112608)   130.79604 (15011308)   109.11474 (15011308)
88.61349 (15011308)
 4215578.0 | 204.56064 (16112908)   174.73842 (15011308)   131.08494 (15011308)   107.40160 (15012007)
90.65579 (15012007)
 4215558.0 | 237.51483 (16011507)   187.99755 (17012308)   139.48971 (17012308)   109.23541 (13011107)
91.53860 (13011107)
 4215538.0 | 324.50414 (16011507)   211.62910 (16011507)   158.03349 (17012308)   124.48524 (17012308)
100.80986 (13011107)
 4215518.0 | 295.97447 (16011507)   235.40384 (16011507)   166.55561 (13112207)   135.86922 (17012308)
111.84169 (17012308)
 4215498.0 | 252.38760 (16011507)   233.03807 (16011507)   178.60437 (16011507)   139.47486 (13112207)
119.11550 (17012308)
 4215478.0 | 215.43828 (16120107)   214.79546 (16011507)   186.19675 (16011507)   141.00938 (16011507)
120.05421 (13112207)
 4215458.0 | 191.95715 (16120107)   190.99176 (16011507)   181.49062 (16011507)   151.73669 (16011507)
121.80934 (13112207)
 4215438.0 | 172.77954 (15120707)   170.09013 (15120707)   169.51299 (16011507)   153.78355 (16011507)
125.83589 (16011507)
 4215418.0 | 156.41109 (15120707)   158.77883 (15120707)   154.45374 (16011507)   149.24084 (16011507)
131.08791 (16011507)
 4215398.0 | 142.53449 (16112308)   147.27903 (15120707)   140.93113 (15120707)   140.62873 (16011507)
131.02609 (16011507)
 4215378.0 | 131.48952 (16112308)   136.32628 (15120707)   134.65275 (15120707)   130.01716 (16011507)
126.98577 (16011507)
 4215358.0 | 121.66833 (16112308)   126.10636 (15120707)   127.51476 (15120707)   120.00736 (15120707)
120.37151 (16011507)
 4215338.0 | 112.73097 (16112308)   117.32920 (16112308)   120.15182 (15120707)   116.53669 (15120707)
112.65422 (16011507)
 4215318.0 | 106.07771 (13122708)   110.00013 (16112308)   112.85328 (15120707)   112.03560 (15120707)
104.46661 (15120707)
 4215298.0 | 100.13065 (13122708)   103.06261 (16112308)   105.74991 (15120707)   106.89913 (15120707)
102.49400 (15120707)
 4215278.0 | 94.64354 (13122708)   96.47191 (16112308)   99.63453 (16112308)   101.52197 (15120707)
99.50351 (15120707)
 4215258.0 | 89.60345 (13122708)   91.08990 (13122708)   94.18976 (16112308)   95.86223 (15120707)
95.80032 (15120707)
 4215238.0 | 85.33130 (15111007)   86.98650 (13122708)   89.03327 (16112308)   90.52616 (16112308)
91.68950 (15120707)

 4215218.0 | 81.62207 (15111007)   83.19217 (13122708)   84.10172 (16112308)   86.41803 (16112308)
87.60100 (15120707)
 4215198.0 | 78.34558 (15111007)   79.72515 (13122708)   79.75632 (13122708)   82.36064 (16112308)
83.33026 (15120707)
 4215178.0 | 75.86943 (15012109)   76.19188 (13122708)   76.96180 (13122708)   78.67115 (16112308)
79.68388 (16112308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
                L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
                L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
                L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539544.00   539564.00   539584.00   539604.00
539624.00
 -
- - - - - - - -

 4215158.0 | 73.91473 (15012109)   73.81477 (15011508)   74.38783 (13122708)   74.87155 (16112308)
76.58865 (16112308)
 4215138.0 | 70.94894 (15012109)   70.55603 (15011508)   71.29419 (13122708)   70.89343 (13122708)
72.97172 (16112308)
 4215118.0 | 68.09063 (15012109)   67.55312 (15111007)   68.21190 (13122708)   68.48820 (13122708)
69.27227 (16112308)
 4215098.0 | 65.34160 (15012109)   64.94332 (15012109)   65.26693 (15111007)   66.02047 (13122708)
65.54169 (16112308)
 4215078.0 | 62.70257 (15012109)   62.69604 (15012109)   62.93218 (15111007)   63.51753 (13122708)
62.98966 (13122708)
 4215058.0 | 60.62187 (15012109)   60.93915 (15012109)   60.62044 (15111007)   61.27762 (13122708)
61.17792 (13122708)
 4215038.0 | 58.87439 (15012109)   59.74163 (15012109)   59.34067 (15111007)   59.11073 (13122708)
59.56851 (13122708)
 4215018.0 | 56.85349 (15012109)   58.53697 (15012109)   58.18776 (15012109)   57.84629 (15011508)
58.06346 (13122708)
 4214998.0 | 54.65137 (14122407)   57.39432 (15012109)   57.41258 (15012109)   56.80328 (15011508)
56.34902 (13122708)
 4214978.0 | 52.62149 (14122407)   55.53222 (15012109)   56.50254 (15012109)   55.69513 (15011508)
55.58392 (15011508)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
                L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,

L0000568 , L0000569 , L0000570 , L0000571 , L0000572 , L0000573 , L0000574 , L0000575 ,
L0000576 , L0000577 , L0000578 , L0000579 , L0000580 , L0000581 , L0000582 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215958.0	38.41502 (14011007)	37.35933 (16012107)	35.90299 (16012107)	34.47200 (16011107)	32.71023 (16011107)
4215938.0	39.94339 (15012008)	38.71272 (16012107)	36.91340 (16011107)	35.38790 (16011107)	33.79354 (16010407)
4215918.0	41.64149 (16012107)	39.97422 (16012107)	38.18579 (16011107)	36.08026 (16010407)	34.84307 (16010407)
4215898.0	43.40555 (16012107)	41.17973 (16011107)	39.27789 (16011107)	37.46926 (16010407)	35.60210 (16010407)
4215878.0	45.16426 (16012107)	42.86108 (16011107)	40.35542 (16010407)	38.62412 (16010407)	35.97083 (16010407)
4215858.0	46.76398 (16011107)	44.32094 (16011107)	42.04013 (16010407)	39.42787 (16010407)	36.50568 (13111508)
4215838.0	48.95384 (16011107)	45.91581 (16010407)	43.37581 (16010407)	39.63531 (16010407)	37.85018 (16012908)
4215818.0	50.90222 (16011107)	47.94502 (16010407)	44.13729 (16010407)	40.92154 (16012908)	39.28216 (16012908)
4215798.0	53.15195 (16010407)	49.42739 (16010407)	44.91335 (13111508)	42.95954 (16012908)	41.34519 (15112608)
4215778.0	55.62374 (16010407)	50.01496 (16010407)	47.22169 (16012908)	45.27914 (15112608)	43.03137 (15112608)
4215758.0	57.20157 (16010407)	52.37413 (16012908)	49.99838 (15112608)	47.42421 (15112608)	43.63034 (15112608)
4215738.0	58.59819 (13111508)	55.75558 (15112608)	52.77245 (15112608)	48.23540 (15112608)	42.63879 (15112608)
4215718.0	62.85538 (15112608)	59.41652 (15112608)	53.88374 (15112608)	47.02785 (15112608)	45.12522 (17012008)
4215698.0	67.72840 (15112608)	60.83563 (15112608)	52.80905 (17012008)	50.17112 (17012008)	46.92944 (15011308)
4215678.0	69.77558 (15112608)	60.09422 (17012008)	56.30719 (17012008)	52.77417 (15011308)	49.39607 (15011308)
4215658.0	69.63374 (17012008)	64.03248 (15011308)	59.78654 (15011308)	54.76218 (15011308)	49.32355 (15011308)
4215638.0	75.30760 (15011308)	68.17272 (15011308)	60.46335 (15011308)	52.82827 (15011308)	49.17367 (15012007)
4215618.0	77.97165 (15011308)	66.28955 (15011308)	60.03904 (15012007)	55.60770 (15012007)	51.33158 (15012007)
4215598.0	77.49141 (15012007)	69.33744 (15012007)	61.96134 (15012007)	55.63112 (15012007)	50.00223 (15012007)
4215578.0	77.43522 (15012007)	66.62944 (15012007)	57.84816 (15012007)	52.86624 (13111808)	49.15636 (13111808)
4215558.0	78.51714 (13011107)	68.41006 (13011107)	60.25775 (13011107)	54.84704 (13111808)	50.69670 (13111808)
4215538.0	86.05360 (13011107)	74.64124 (13011107)	65.55082 (13011107)	58.09687 (13011107)	52.24832 (17011208)
4215518.0	92.87051 (13011107)	80.82065 (13011107)	70.99689 (13011107)	62.90158 (13011107)	56.04825 (13011107)
4215498.0	101.22793 (17012308)	85.61027 (13011107)	75.86806 (13011107)	67.50341 (13011107)	60.30205 (13011107)
4215478.0	106.04921 (17012308)	92.27904 (17012308)	79.48285 (17012308)	71.23779 (13011107)	64.11617 (13011107)
4215458.0	105.46645 (17012308)	95.61732 (17012308)	84.68381 (17012308)	74.06853 (17012308)	66.90567 (13011107)
4215438.0	107.44132 (13112207)	94.86151 (17012308)	87.08634 (17012308)	78.18734 (17012308)	69.23632 (17012308)

 4215418.0 | 105.95466 (16011507)   96.07152 (13112207)   86.29213 (17012308)   79.97379 (17012308)
72.57129 (17012308)
 4215398.0 | 112.58806 (16011507)   94.86090 (13112207)   86.80125 (13112207)   79.21716 (17012308)
73.95066 (17012308)
 4215378.0 | 115.13184 (16011507)   97.39247 (16011507)   86.36796 (13112207)   79.09770 (13112207)
73.25430 (17012308)
 4215358.0 | 114.17148 (16011507)   101.38129 (16011507)   84.83896 (16011507)   79.18608 (13112207)
72.56731 (13112207)
 4215338.0 | 110.62975 (16011507)   102.47972 (16011507)   89.56594 (16011507)   77.37076 (13112207)
73.01648 (13112207)
 4215318.0 | 105.32725 (16011507)   101.19008 (16011507)   91.98494 (16011507)   79.41609 (16011507)
71.86059 (13112207)
 4215298.0 | 98.94026 (16011507)   98.04274 (16011507)   92.28537 (16011507)   82.61750 (16011507)
70.65683 (16011507)
 4215278.0 | 92.46724 (15120707)   93.57753 (16011507)   90.81284 (16011507)   84.02241 (16011507)
74.29868 (16011507)
 4215258.0 | 91.35885 (15120707)   88.24770 (16011507)   87.95323 (16011507)   83.81791 (16011507)
76.44714 (16011507)
 4215238.0 | 89.28983 (15120707)   82.82937 (15120707)   84.06383 (16011507)   82.25408 (16011507)
77.17123 (16011507)
 4215218.0 | 86.68701 (15120707)   82.22008 (15120707)   79.45931 (16011507)   79.59949 (16011507)
76.63421 (16011507)
 4215198.0 | 83.69868 (15120707)   80.86348 (15120707)   74.88991 (15120707)   76.13385 (16011507)
75.03091 (16011507)
 4215178.0 | 80.45748 (15120707)   79.00753 (15120707)   74.65996 (15120707)   72.08104 (16011507)
72.56446 (16011507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
                L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
                L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
                L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539644.00   539664.00   539684.00   539704.00
539724.00
 -
- - - - - - - -

 4215158.0 | 77.05933 (15120707)   76.91499 (15120707)   73.85321 (15120707)   68.28264 (15120707)
69.43011 (16011507)
 4215138.0 | 73.25560 (16112308)   74.08029 (15120707)   72.37290 (15120707)   68.27921 (15120707)
65.80499 (16011507)
 4215118.0 | 70.42439 (16112308)   70.94120 (15120707)   70.41134 (15120707)   67.64867 (15120707)
62.69448 (15120707)
 4215098.0 | 67.42013 (16112308)   67.58474 (15120707)   68.06492 (15120707)   66.56473 (15120707)
62.82382 (15120707)
 4215078.0 | 64.30075 (16112308)   65.13747 (16112308)   65.42025 (15120707)   65.08377 (15120707)
62.45784 (15120707)
 4215058.0 | 61.32355 (16112308)   62.64937 (16112308)   62.70695 (15120707)   63.28372 (15120707)
61.66692 (15120707)
 4215038.0 | 58.59029 (16112308)   60.54132 (16112308)   60.64332 (16112308)   61.23065 (15120707)
60.51844 (15120707)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                              INCLUDING SOURCE(S):   L0000555   , L0000556   , L0000557   , L0000558   ,
L0000559   ,
               L0000560   , L0000561   , L0000562   , L0000563   , L0000564   , L0000565   , L0000566   ,
L0000567   ,
               L0000568   , L0000569   , L0000570   , L0000571   , L0000572   , L0000573   , L0000574   ,
L0000575   ,
               L0000576   , L0000577   , L0000578   , L0000579   , L0000580   , L0000581   , L0000582   ,
. . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        539341.84   4215428.70   118.60718 (14010808)   539351.84   4215428.70   125.40583
(14010808)
        539361.84   4215428.70   127.56913 (14010808)   539371.84   4215428.70   123.76996
(14010808)
        539381.84   4215428.70   134.31626 (13121808)   539341.84   4215438.70   119.08517
(14010808)
        539351.84   4215438.70   132.26069 (14010808)   539361.84   4215438.70   142.19639
(14010808)
        539371.84   4215438.70   146.28095 (14010808)   539381.84   4215438.70   142.45287
(14010808)
        539341.84   4215448.70   121.25540 (15122508)   539351.84   4215448.70   132.53654
(15122508)
        539361.84   4215448.70   148.56613 (14010808)   539371.84   4215448.70   163.12639
(14010808)
        539381.84   4215448.70   170.20951 (14010808)   539341.84   4215458.70   114.17120
(15122508)
        539351.84   4215458.70   130.86908 (15122508)   539361.84   4215458.70   147.50268
(15122508)
        539371.84   4215458.70   168.19055 (14010808)   539381.84   4215458.70   189.60698
(14010808)
        539341.84   4215468.70   101.82506 (14010809)   539351.84   4215468.70   118.64909
(14010809)
        539361.84   4215468.70   138.68608 (15122508)   539371.84   4215468.70   161.99788
(15122508)
        539381.84   4215468.70   191.48294 (14010808)   539113.88   4215517.52   34.73959
(16121208)
        539096.52   4215515.99   33.66757 (16121208)   539108.26   4215501.18   33.81166
(16121208)
        539096.01   4215500.67   33.16043 (16121208)   539108.26   4215486.38   33.33749
(16121208)
        539094.47   4215485.36   32.61795 (16121208)   539135.32   4215461.36   33.83624
(16121208)
        539150.13   4215439.91   33.81740 (16121208)   539114.39   4215452.68   32.53945
(16121208)
        539123.07   4215439.40   32.52341 (16121208)   539159.32   4215421.02   33.60893
(16121208)

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       539145.02   4215416.43       32.76729  (16121208)              539134.30   4215410.81       32.14038
(16121208)
       539131.75   4215425.11       32.46516  (16121208)              539206.80   4215383.75       53.83098
(15122508)
       539215.99   4215372.52       57.18412  (15122508)              539188.93   4215382.22       48.74729
(15122508)
       539176.17   4215379.67       45.73748  (15122508)              539165.44   4215376.09       43.91706
(15122508)
       539248.79   4215356.71       62.86497  (14010808)              539243.45   4215348.45       61.70571
(14010808)
       539265.58   4215345.25       58.36137  (14010808)              539260.78   4215338.05       56.51131
(14010808)
       539256.25   4215351.38       61.10607  (14010808)              539272.77   4215331.92       51.10099
(16112108)
       539264.78   4215324.99       48.55258  (16112108)              539280.77   4215321.79       56.87014
(16112108)
       539279.97   4215307.14       58.33269  (16112108)              539287.97   4215313.80       60.66903
(16112108)
       539297.83   4215304.74       63.21985  (16112108)              539289.56   4215296.21       61.13873
(16112108)
       539311.15   4215287.68       63.05610  (15112508)              539303.69   4215281.28       61.62082
(15112508)
       539303.69   4215296.21       62.58228  (13121808)              539314.25   4215271.79       62.31852
(15112508)
       539329.09   4215260.48       61.39589  (16121307)              539339.69   4215237.16       59.86690
(14110707)
       539357.36   4215232.92       61.45514  (13111207)              539394.11   4215199.70       58.59354
(16121208)
       539044.99   4215579.21       32.70268  (16112107)              539034.39   4215591.93       32.48570
(13111207)
       539054.88   4215556.59       32.59258  (16112107)              539058.42   4215538.92       32.27085
(16112107)
       539054.88   4215520.55       31.51207  (16112107)              539082.44   4215477.44       31.77421
(16121208)
       539073.96   4215466.13       30.99356  (16121208)              539098.70   4215440.69       31.49035
(16121208)
       539109.30   4215426.56       31.55338  (16121208)              539117.07   4215415.96       31.57811
(16121208)
       539125.55   4215401.11       31.50047  (16121208)              539158.77   4215367.19       44.13387
(15122508)
       539150.29   4215357.30       44.23060  (15122508)              539184.21   4215339.63       49.68055
(14010808)
       539222.37   4215324.79       55.86740  (14010808)              539243.58   4215317.72       51.73922
(14010808)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 358
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK2
***
                               INCLUDING SOURCE(S):     L0000555    , L0000556    , L0000557    , L0000558    ,
L0000559    ,
               L0000560    , L0000561    , L0000562    , L0000563    , L0000564    , L0000565    , L0000566    ,
L0000567    ,
               L0000568    , L0000569    , L0000570    , L0000571    , L0000572    , L0000573    , L0000574    ,
L0000575    ,
               L0000576    , L0000577    , L0000578    , L0000579    , L0000580    , L0000581    , L0000582    ,
. . .       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***

INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538744.00	538764.00	538784.00	538804.00	538824.00
4215958.0	61.61264 (13111908)	66.63427 (13111908)	70.58799 (13111908)	73.11852 (13111908)	73.91010 (13111908)
4215938.0	57.17114 (13111908)	63.60303 (13111908)	69.38869 (13111908)	74.10710 (13111908)	77.31773 (13111908)
4215918.0	60.03097 (14121008)	60.49726 (14121008)	65.56524 (13111908)	72.21787 (13111908)	77.80313 (13111908)

539371.49	4215194.05	57.90079	(16112107)	539364.42	4215191.93	56.80552 (13111207)
539344.64	4215200.41	56.95824	(13111207)	539409.65	4215113.48	51.26703 (17012507)
539355.94	4215136.80	52.22242	(16112107)	539262.66	4215288.75	52.97012 (16112108)
539282.44	4215261.19	56.57717	(13121808)	539299.41	4215235.04	56.61482 (15112508)
539168.48	4215647.44	46.02395	(16121207)	538949.25	4216163.17	56.16380 (13111908)
539352.01	4215796.95	226.86474	(16011507)	539358.95	4215583.01	78.65753 (15012109)
539293.80	4215538.56	55.74268	(13120208)	539260.82	4215517.04	49.69194 (16121207)
539279.41	4215503.60	52.05872	(13120208)	539292.18	4215495.55	56.40799 (14032507)
539318.95	4215487.21	69.79228	(14032507)	539337.11	4215482.84	81.59434 (14032507)
539356.14	4215482.00	100.44257	(14010809)	539369.89	4215483.02	127.54175 (14010809)
539384.66	4215486.57	114.65545	(14010809)	539391.49	4215490.91	120.54200 (14010809)
539342.66	4215571.90	69.36718	(15012109)	539326.38	4215560.79	62.55864 (15012109)
539310.09	4215549.67	58.74805	(13120208)	539277.31	4215527.80	52.94638 (13120208)
539270.11	4215510.32	50.87850	(13120208)	539305.56	4215491.38	62.55374 (14032507)
539384.98	4215509.33	116.60622	(14032507)	539378.47	4215527.75	86.16200 (14121816)
539371.97	4215546.17	76.55538	(14121816)	539365.46	4215564.59	77.31917 (15012109)

 4215898.0 | 61.37043 (14121008)   63.61532 (14121008)   64.77229 (14121008)   67.47924 (13111908)
75.08960 (13111908)
 4215878.0 | 64.84814 (14121608)   64.11844 (14121008)   67.22833 (14121008)   69.20788 (14121008)
69.82537 (14121008)
 4215858.0 | 71.01093 (14121608)   70.95933 (14121608)   69.76949 (14121608)   70.78733 (14121008)
73.75427 (14121008)
 4215838.0 | 74.24697 (14121608)   76.28794 (14121608)   77.22869 (14121608)   76.93236 (14121608)
75.26649 (14121608)
 4215818.0 | 73.91382 (14121608)   78.05185 (14121608)   81.32935 (14121608)   83.52581 (14121608)
84.38665 (14121608)
 4215798.0 | 69.85369 (14121608)   75.74586 (14121608)   81.20458 (14121608)   85.93536 (14121608)
89.61934 (14121608)
 4215778.0 | 64.63858 (13112007)   69.52279 (14121608)   76.60900 (14121608)   83.47750 (14121608)
89.80411 (14121608)
 4215758.0 | 74.25685 (13112007)   74.12783 (13112007)   73.26882 (13112007)   76.25467 (14121608)
84.54669 (14121608)
 4215738.0 | 80.50934 (13112007)   82.37345 (13112007)   83.58571 (13112007)   84.01263 (13112007)
83.54743 (13112007)
 4215718.0 | 82.13320 (13112007)   86.00317 (13112007)   89.43886 (13112007)   92.33669 (13112007)
94.45068 (13112007)
 4215698.0 | 78.60724 (13112007)   84.07019 (13112007)   89.48852 (13112007)   94.70857 (13112007)
99.49487 (13112007)
 4215678.0 | 70.37036 (13112007)   76.73612 (13112007)   83.41244 (13112007)   90.30523 (13112007)
97.22611 (13112007)
 4215658.0 | 66.36833 (14121607)   65.15867 (13112007)   72.18312 (13112007)   79.74337 (13112007)
87.76428 (13112007)
 4215638.0 | 76.23220 (14121607)   76.15948 (14121607)   76.11805 (14121607)   77.98219 (14121607)
79.61967 (14121607)
 4215618.0 | 81.64691 (14121607)   82.96631 (14121607)   84.43959 (14121607)   85.89100 (14121607)
89.29304 (14121607)
 4215598.0 | 80.50873 (14121607)   82.80451 (14121607)   86.15632 (14121607)   87.98867 (14121607)
92.86042 (14121607)
 4215578.0 | 86.48584 (14013007)   88.70394 (14013007)   89.97586 (14013007)   90.85837 (14013007)
94.20786 (14013007)
 4215558.0 | 97.20026 (14013007)   100.37638 (14013007)   103.26569 (14013007)   104.65260 (14013007)
109.49235 (14013007)
 4215538.0 | 100.75261 (14013007)   104.04523 (14013007)   107.52786 (14013007)   110.55105 (14013007)
116.21745 (14013007)
 4215518.0 | 95.10749 (14013007)   98.40327 (14013007)   101.90472 (14013007)   106.09379 (14013007)
111.11046 (14013007)
 4215498.0 | 81.84322 (14013007)   84.62468 (14013007)   87.84699 (14013007)   91.01097 (14013007)
95.02276 (14013007)
 4215478.0 | 64.03194 (14013007)   65.98835 (14013007)   69.16783 (14032507)   73.90315 (14032507)
79.76959 (14032507)
 4215458.0 | 77.14074 (14032507)   82.13034 (14032507)   86.94223 (14032507)   91.92522 (14032507)
97.71004 (14032507)
 4215438.0 | 91.75300 (14032507)   96.08645 (14032507)   100.45733 (14032507)   104.83473 (14032507)
109.95867 (14032507)
 4215418.0 | 100.10510 (14032507)   103.36061 (14032507)   106.46921 (14032507)   110.11249 (14032507)
112.84598 (14032507)
 4215398.0 | 100.52606 (14032507)   102.11367 (14032507)   103.39530 (14032507)   104.96639 (14032507)
105.53055 (14032507)
 4215378.0 | 92.86454 (14032507)   92.61335 (14032507)   92.44670 (14032507)   91.41322 (14032507)
89.95071 (14032507)
 4215358.0 | 78.92184 (14032507)   77.42634 (14032507)   75.28065 (14032507)   72.79317 (14032507)
69.97136 (14032507)
 4215338.0 | 61.75409 (14032507)   59.18612 (14032507)   64.06801 (13092407)   69.16485 (13092407)
74.54864 (13092407)
 4215318.0 | 62.95349 (13092407)   67.56974 (13092407)   71.89692 (13092407)   75.79549 (13092407)
79.70205 (13092407)
 4215298.0 | 69.60129 (13092407)   73.01626 (13092407)   75.86167 (13092407)   78.53197 (13092407)
80.45726 (13092407)
 4215278.0 | 72.57233 (13092407)   74.33328 (13092407)   75.78792 (13092407)   83.25824 (14010809)
100.67300 (14010809)
 4215258.0 | 71.43491 (13092407)   75.42014 (14010809)   90.83700 (14010809)   106.65078 (14010809)
122.02490 (14010809)
 4215238.0 | 82.42678 (14010809)   96.66861 (14010809)   110.46356 (14010809)   122.76877 (14010809)
132.93663 (14010809)
 4215218.0 | 100.56825 (14010809)   112.08040 (14010809)   121.42867 (14010809)   127.73788 (14010809)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
               L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
               L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
               L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538744.00   538764.00   538784.00   538804.00
538824.00
 -
- - - - - - - -

 4215158.0 | 120.55800 (15122508)   127.91836 (15122508)   131.34378 (15122508)   130.02488 (15122508)
133.67624 (13011008)
 4215138.0 | 123.06260 (15122508)   123.85468 (15122508)   123.48420 (13011008)   128.86797 (13011008)
134.89066 (14010808)
 4215118.0 | 116.06967 (15122508)   120.24268 (13011008)   123.78070 (13011008)   132.38521 (14010808)
142.20494 (14010808)
 4215098.0 | 116.61927 (13011008)   118.50569 (13011008)   129.60808 (14010808)   137.47076 (14010808)
139.54653 (14010808)
 4215078.0 | 115.63954 (14010808)   126.61124 (14010808)   132.69297 (14010808)   133.21397 (14010808)
127.37721 (14010808)
 4215058.0 | 123.43982 (14010808)   127.90786 (14010808)   126.82588 (14010808)   120.38355 (14010808)
108.82186 (14010808)
 4215038.0 | 123.14482 (14010808)   120.91098 (14010808)   113.74359 (14010808)   102.03227 (14010808)
87.30683 (14010808)
 4215018.0 | 115.19719 (14010808)   107.44465 (14010808)   95.67660 (14010808)   81.35971 (14010808)
68.63793 (14012909)
 4214998.0 | 101.35527 (14010808)   89.72590 (14010808)   75.84491 (14010808)   65.40334 (14012909)
73.59813 (14012909)
 4214978.0 | 84.15276 (14010808)   70.72692 (14010808)   62.41808 (14012909)   70.18464 (14012909)
74.61948 (14012909)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
               L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
               L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,

L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	538844.00	538864.00	538884.00	538904.00	538924.00
4215958.0	75.98940 (16120907)	78.17564 (16120907)	78.06126 (16120907)	82.46935 (17012307)	93.75795 (17012307)
4215938.0	78.65219 (13111908)	80.34115 (16120907)	83.02863 (16120907)	83.16277 (16120907)	88.27811 (17012307)
4215918.0	81.82550 (13111908)	83.82114 (13111908)	85.10384 (16120907)	88.39301 (16120907)	88.82997 (16120907)
4215898.0	81.67756 (13111908)	86.65763 (13111908)	89.46957 (13111908)	90.36056 (14120208)	94.34658 (16120907)
4215878.0	77.98867 (13111908)	85.74650 (13111908)	91.86556 (13111908)	95.65958 (13111908)	96.53802 (13111908)
4215858.0	75.28974 (14121008)	80.89550 (13111908)	89.99269 (13111908)	97.45079 (13111908)	102.44127 (13111908)
4215838.0	78.36014 (14121008)	81.04141 (14121008)	83.76530 (13111908)	94.39193 (13111908)	103.43204 (13111908)
4215818.0	83.73409 (14121608)	82.94464 (14121008)	87.00333 (14121008)	89.12066 (14121008)	98.90016 (13111908)
4215798.0	91.97444 (14121608)	92.70022 (14121608)	91.54573 (14121608)	93.05620 (14121008)	96.78473 (14121008)
4215778.0	95.24461 (14121608)	99.40866 (14121608)	101.88651 (14121608)	102.33594 (14121608)	100.48434 (14121608)
4215758.0	92.58775 (14121608)	100.01635 (14121608)	106.33173 (14121608)	111.04402 (14121608)	113.66559 (14121608)
4215738.0	84.13222 (14121608)	93.94608 (14121608)	103.51332 (14121608)	112.34301 (14121608)	119.79986 (14121608)
4215718.0	95.70441 (13112007)	95.89107 (13112007)	94.91494 (13112007)	105.28991 (14121608)	116.89656 (14121608)
4215698.0	103.72644 (13112007)	107.19132 (13112007)	109.69251 (13112007)	111.02940 (13112007)	110.87544 (13112007)
4215678.0	104.09288 (13112007)	110.71526 (13112007)	116.89533 (13112007)	122.36103 (13112007)	126.79554 (13112007)
4215658.0	96.24621 (13112007)	105.08870 (13112007)	114.14065 (13112007)	123.32090 (13112007)	132.23846 (13112007)
4215638.0	81.59219 (13112007)	91.16188 (13112007)	101.59680 (13112007)	112.89429 (13112007)	124.86680 (13112007)
4215618.0	92.68208 (14121607)	96.01189 (14121607)	99.26882 (14121607)	102.43644 (14121607)	105.97065 (13112007)
4215598.0	97.98636 (14121607)	103.35915 (14121607)	107.94233 (14121607)	113.69313 (14121607)	119.67057 (14121607)
4215578.0	97.72178 (14013007)	101.49754 (14121607)	107.44441 (14121607)	113.48204 (14121607)	121.70263 (14121607)
4215558.0	114.69714 (14013007)	120.30368 (14013007)	125.33472 (14013007)	128.24013 (14013007)	130.92817 (14013007)
4215538.0	122.38356 (14013007)	129.11276 (14013007)	136.47897 (14013007)	140.01231 (14013007)	142.59235 (14013007)
4215518.0	117.09367 (14013007)	123.64384 (14013007)	130.27641 (14013007)	134.34302 (14013007)	138.54704 (14013007)
4215498.0	99.36887 (14013007)	104.43822 (14013007)	109.23964 (14013007)	112.07764 (14013007)	116.86740 (14013007)
4215478.0	85.70627 (14032507)	92.69591 (14032507)	100.38070 (14032507)	107.48564 (14032507)	115.73174 (14032507)
4215458.0	103.81447 (14032507)	110.24270 (14032507)	117.92394 (14032507)	126.14663 (14032507)	133.75613 (14032507)
4215438.0	114.31586 (14032507)	119.50053 (14032507)	124.68793 (14032507)	132.05285 (14032507)	139.59549 (14032507)
4215418.0	115.28151 (14032507)	117.35292 (14032507)	119.94957 (14032507)	124.11060 (14032507)	

127.86116 (14032507)
 4215398.0 | 105.65087 (14032507)   105.97586 (14032507)   105.78011 (14032507)   106.34876 (14032507)
106.15659 (14032507)
 4215378.0 | 88.04022 (14032507)   86.10019 (14032507)   83.64919 (14032507)   81.38424 (14032507)
90.00629 (13092407)
 4215358.0 | 71.04103 (13092407)   76.58297 (13092407)   82.48481 (13092407)   89.65457 (13092407)
96.59285 (13092407)
 4215338.0 | 79.09828 (13092407)   83.08241 (13092407)   87.08036 (13092407)   92.00936 (14010809)
116.57222 (14010809)
 4215318.0 | 83.00381 (13092407)   85.53065 (13092407)   103.33449 (14010809)   126.29505 (14010809)
149.74789 (14010809)
 4215298.0 | 92.42998 (14010809)   112.31044 (14010809)   132.72472 (14010809)   151.90040 (14010809)
168.17481 (14010809)
 4215278.0 | 118.63180 (14010809)   135.87165 (14010809)   150.81908 (14010809)   161.55304 (14010809)
175.09584 (15122508)
 4215258.0 | 135.81682 (14010809)   146.52589 (14010809)   154.25983 (15122508)   171.55481 (15122508)
182.64588 (15122508)
 4215238.0 | 139.36138 (14010809)   152.76016 (15122508)   165.57542 (15122508)   172.01951 (15122508)
170.80988 (15122508)
 4215218.0 | 148.98006 (15122508)   157.70904 (15122508)   160.18309 (15122508)   160.44299 (13011008)
168.47598 (14010808)
 4215198.0 | 148.84236 (15122508)   147.74121 (15122508)   152.52282 (13011008)   163.06045 (14010808)
177.73852 (14010808)
 4215178.0 | 138.90105 (13011008)   144.54513 (13011008)   157.46457 (14010808)   168.88765 (14010808)
171.61033 (14010808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538844.00   538864.00   538884.00   538904.00
538924.00
 -
- - - - - - - -

 4215158.0 | 137.38706 (14010808)   151.77618 (14010808)   159.92912 (14010808)   160.90963 (14010808)
153.16497 (14010808)
 4215138.0 | 147.23090 (14010808)   152.69616 (14010808)   150.97529 (14010808)   141.96620 (14010808)
126.46220 (14010808)
 4215118.0 | 146.04889 (14010808)   142.46411 (14010808)   132.38704 (14010808)   116.83463 (14010808)
97.39044 (14010808)
 4215098.0 | 134.73511 (14010808)   123.82377 (14010808)   108.30119 (14010808)   89.75207 (14010808)
95.42694 (14012909)
 4215078.0 | 116.07549 (14010808)   100.65622 (14010808)   82.97176 (14010808)   90.19168 (14012909)
94.50610 (14012909)
 4215058.0 | 93.72502 (14010808)   76.81298 (14010808)   85.41981 (14012909)   89.79026 (14012909)
88.14534 (14012909)
 4215038.0 | 72.15189 (14012909)   81.14836 (14012909)   85.55406 (14012909)   84.45249 (14012909)
77.96274 (14012909)
 4215018.0 | 77.21992 (14012909)   81.63308 (14012909)   80.99504 (14012909)   75.26210 (14012909)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538944.00   538964.00   538984.00   539004.00
539024.00
 -
- - - - - - - -

 4215958.0 | 102.14177 (17012307)   106.27252 (17012307)   106.69276 (15122908)   103.54782 (15122908)
112.15082 (14121707)
 4215938.0 | 100.42137 (17012307)   109.18578 (17012307)   113.05352 (17012307)   113.16045 (15122908)
108.58137 (15122908)
 4215918.0 | 94.76929 (17012307)   107.85644 (17012307)   116.99438 (17012307)   120.46989 (17012307)
120.10934 (15122908)
 4215898.0 | 95.16259 (16120907)   102.04968 (17012307)   116.18006 (17012307)   125.67005 (17012307)
128.59639 (17012307)
 4215878.0 | 100.97534 (16120907)   102.25376 (16120907)   110.26142 (17012307)   125.54719 (17012307)
135.35336 (17012307)
 4215858.0 | 104.21269 (13111908)   108.36811 (16120907)   110.24806 (16120907)   119.57586 (17012307)
136.14055 (17012307)
 4215838.0 | 109.87438 (13111908)   112.76732 (13111908)   116.67013 (16120907)   119.31214 (16120907)
130.20581 (17012307)
 4215818.0 | 109.80801 (13111908)   118.02009 (13111908)   122.35179 (13111908)   126.04204 (16120907)
129.65365 (16120907)
 4215798.0 | 103.48456 (13111908)   116.58678 (13111908)   126.96809 (13111908)   133.12788 (13111908)
136.68253 (16120907)
 4215778.0 | 104.78210 (14121008)   108.07033 (13111908)   123.78401 (13111908)   136.82015 (13111908)
145.32550 (13111908)
 4215758.0 | 113.70144 (14121608)   113.04435 (14121008)   118.43931 (14121008)   131.38884 (13111908)
147.69936 (13111908)
 4215738.0 | 125.20918 (14121608)   127.87300 (14121608)   127.26827 (14121608)   129.84643 (14121008)
139.37039 (13111908)
 4215718.0 | 127.54541 (14121608)   136.46429 (14121608)   142.67563 (14121608)   145.34366 (14121608)
143.67142 (14121608)
 4215698.0 | 119.34482 (14121608)   133.60597 (14121608)   146.66854 (14121608)   157.44677 (14121608)
164.63331 (14121608)
 4215678.0 | 129.80821 (13112007)   131.03810 (13112007)   136.97943 (14121608)   154.85842 (14121608)
171.23755 (14121608)
 4215658.0 | 140.53007 (13112007)   147.70382 (13112007)   153.33884 (13112007)   156.82794 (13112007)
159.67279 (14121608)
 4215638.0 | 137.25944 (13112007)   149.85242 (13112007)   162.15376 (13112007)   173.56807 (13112007)
183.28923 (13112007)
 4215618.0 | 120.02802 (13112007)   135.50474 (13112007)   152.22263 (13112007)   169.82930 (13112007)

187.95039 (13112007)
 4215598.0 | 125.81940 (14121607)   132.00202 (14121607)   138.10271 (14121607)   145.11272 (13112007)
167.36040 (13112007)
 4215578.0 | 130.63191 (14121607)   140.27092 (14121607)   150.56077 (14121607)   161.64011 (14121607)
173.39523 (14121607)
 4215558.0 | 138.39533 (14013007)   146.47187 (14013007)   155.37318 (14013007)   165.12258 (14013007)
175.81988 (14013007)
 4215538.0 | 150.18883 (14013007)   160.62254 (14013007)   172.40825 (14013007)   185.69767 (14013007)
200.66635 (14013007)
 4215518.0 | 144.52363 (14013007)   153.96591 (14013007)   165.73644 (14013007)   179.12537 (14013007)
194.36297 (14013007)
 4215498.0 | 121.55132 (14013007)   128.59685 (14013007)   137.55580 (14013007)   147.48700 (14013007)
158.81876 (14013007)
 4215478.0 | 123.29477 (14032507)   128.89098 (14032507)   133.61970 (14032507)   147.21344 (14032507)
162.63733 (14032507)
 4215458.0 | 141.07284 (14032507)   147.29036 (14032507)   150.76969 (14032507)   154.96339 (14032507)
167.21962 (14032507)
 4215438.0 | 146.01452 (14032507)   150.51674 (14032507)   148.67179 (14032507)   145.53578 (14032507)
149.62893 (14032507)
 4215418.0 | 131.04332 (14032507)   132.54365 (14032507)   126.66215 (14032507)   121.96368 (14032507)
119.67698 (14010909)
 4215398.0 | 105.08532 (14032507)   102.02229 (14032507)   105.09605 (13092407)   109.89245 (14010909)
136.47234 (14010809)
 4215378.0 | 99.10181 (13092407)   106.12021 (13092407)   118.10356 (14010809)   153.49478 (14010809)
191.71695 (14010809)
 4215358.0 | 103.55668 (14010809)   132.94453 (14010809)   165.02010 (14010809)   196.90751 (14010809)
224.11905 (14010809)
 4215338.0 | 143.60148 (14010809)   170.86739 (14010809)   195.67603 (14010809)   214.45724 (14010809)
237.80312 (15122508)
 4215318.0 | 171.86714 (14010809)   189.48694 (14010809)   204.64040 (15122508)   227.56542 (15122508)
240.12100 (15122508)
 4215298.0 | 179.33573 (14010809)   199.71345 (15122508)   215.01834 (15122508)   220.05062 (15122508)
217.63635 (13011008)
 4215278.0 | 191.95419 (15122508)   200.99114 (15122508)   200.05484 (15122508)   209.96712 (14010808)
230.19586 (14010808)
 4215258.0 | 186.14950 (15122508)   185.41926 (13011008)   201.63154 (14010808)   217.59627 (14010808)
218.98123 (14010808)
 4215238.0 | 175.98217 (13011008)   193.99295 (14010808)   205.66880 (14010808)   203.90905 (14010808)
189.26556 (14010808)
 4215218.0 | 186.36517 (14010808)   194.38078 (14010808)   190.06864 (14010808)   174.40986 (14010808)
149.85135 (14010808)
 4215198.0 | 183.14269 (14010808)   177.32197 (14010808)   160.98164 (14010808)   137.14433 (14010808)
132.15542 (14012909)
 4215178.0 | 165.11332 (14010808)   148.79156 (14010808)   125.75497 (14010808)   123.35428 (14012909)
126.74264 (14012909)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                               INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
               L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
               L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
               L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***
INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538944.00	538964.00	538984.00	539004.00	539024.00
4215158.0	137.41857 (14010808)	115.49725 (14010808)	115.51942 (14012909)	119.30203 (14012909)	112.95119 (14012909)
4215138.0	105.92440 (14010808)	108.34143 (14012909)	112.25358 (14012909)	107.32676 (14012909)	125.87072 (16112108)
4215118.0	101.47539 (14012909)	105.86935 (14012909)	102.01643 (14012909)	110.24874 (16112108)	142.67133 (16112108)
4215098.0	99.92459 (14012909)	96.98912 (14012909)	96.49028 (16112108)	127.30809 (16112108)	153.55753 (16112108)
4215078.0	92.33992 (14012909)	84.42732 (16112108)	113.27669 (16112108)	139.69674 (16112108)	157.71156 (16112108)
4215058.0	80.71548 (14012909)	100.61709 (16112108)	126.40466 (16112108)	146.21877 (16112108)	155.20365 (16112108)
4215038.0	89.24062 (16112108)	114.11755 (16112108)	134.72523 (16112108)	146.68556 (16112108)	149.33910 (13121808)
4215018.0	102.82548 (16112108)	123.83041 (16112108)	137.88289 (16112108)	141.39873 (16112108)	150.46823 (13121808)
4214998.0	113.42646 (16112108)	129.00563 (16112108)	135.67736 (16112108)	140.32235 (13121808)	146.67155 (13121808)
4214978.0	120.18209 (16112108)	129.42532 (16112108)	129.88184 (13121808)	140.22151 (13121808)	140.87660 (15112508)

Y-COORD (METERS)	X-COORD (METERS)				
	539044.00	539064.00	539084.00	539104.00	539124.00
4215958.0	123.25645 (14121707)	126.81420 (14121707)	128.74351 (15121808)	133.14361 (15121808)	130.88550 (14121807)
4215938.0	123.34921 (14121707)	133.01726 (14121707)	134.96159 (17010207)	139.82113 (15121808)	140.29484 (17010608)
4215918.0	119.48654 (14121707)	135.37218 (14121707)	142.81148 (14121707)	145.02554 (17010207)	150.16687 (15121808)
4215898.0	127.57208 (15122908)	133.24877 (14121707)	148.07162 (14121707)	152.45336 (14121707)	157.50477 (15121808)
4215878.0	137.62766 (15122908)	135.57759 (15122908)	148.37724 (14121707)	161.34815 (14121707)	164.61852 (17010207)
4215858.0	146.22720 (17012307)	148.21517 (15122908)	144.15009 (15122908)	164.88311 (14121707)	174.82885 (14121707)
4215838.0	148.21774 (17012307)	158.46970 (17012307)	159.92910 (15122908)	162.07676 (14121707)	182.66782 (14121707)
4215818.0	142.45737 (17012307)	162.03076 (17012307)	172.30933 (17012307)	172.92285 (15122908)	

183.37331 (14121707)
 4215798.0 | 141.59968 (16120907)   156.63788 (17012307)   177.95517 (17012307)   188.05250 (17012307)
188.69456 (14121816)
 4215778.0 | 148.94536 (16120907)   155.45125 (16120907)   173.21717 (17012307)   196.43120 (17012307)
206.04681 (17012307)
 4215758.0 | 159.20027 (13111908)   163.65899 (13111908)   171.62921 (16120907)   192.74623 (17012307)
218.02175 (17012307)
 4215738.0 | 159.68537 (13111908)   174.97711 (13111908)   182.34813 (13111908)   190.73907 (16120907)
216.02852 (17012307)
 4215718.0 | 149.97992 (14121008)   172.87440 (13111908)   193.02976 (13111908)   204.33621 (13111908)
213.61100 (16120907)
 4215698.0 | 166.90658 (14121608)   167.06606 (14121008)   187.35743 (13111908)   213.84903 (13111908)
230.56844 (13111908)
 4215678.0 | 184.32473 (14121608)   192.43462 (14121608)   193.92958 (14121608)   203.37462 (13111908)
238.12881 (13111908)
 4215658.0 | 182.47766 (14121608)   203.22867 (14121608)   219.47274 (14121608)   228.70173 (14121608)
228.85273 (14121608)
 4215638.0 | 190.37201 (13112007)   194.00961 (13112007)   219.60805 (14121608)   246.87275 (14121608)
267.68938 (14121608)
 4215618.0 | 205.53596 (13112007)   221.70620 (13112007)   235.10691 (13112007)   244.32120 (13112007)
272.48606 (14121608)
 4215598.0 | 191.78616 (13112007)   218.13547 (13112007)   245.53926 (13112007)   272.69673 (13112007)
297.73267 (13112007)
 4215578.0 | 185.43701 (14121607)   197.81309 (14121607)   214.48797 (13112007)   253.46523 (13112007)
297.12692 (13112007)
 4215558.0 | 189.88567 (14121607)   209.36682 (14121607)   231.23747 (14121607)   255.87553 (14121607)
283.46848 (14121607)
 4215538.0 | 217.50086 (14013007)   236.79969 (14013007)   259.08628 (14013007)   285.25899 (14013007)
316.60760 (14013007)
 4215518.0 | 211.71408 (14013007)   231.90384 (14013007)   255.64731 (14013007)   284.15573 (14013007)
319.24552 (14013007)
 4215498.0 | 171.42717 (14013007)   185.87855 (14013007)   202.59028 (14013007)   226.24058 (14032507)
261.05589 (14032507)
 4215478.0 | 179.88430 (14032507)   199.37727 (14032507)   221.38982 (14032507)   246.31936 (14032507)
274.62023 (14032507)
 4215458.0 | 179.96640 (14032507)   193.20801 (14032507)   206.66153 (14032507)   220.00898 (14032507)
232.66020 (14032507)
 4215438.0 | 155.22569 (14032507)   159.79489 (14032507)   163.13342 (14010909)   191.14041 (14010809)
265.84423 (14010809)
 4215418.0 | 132.20562 (14010909)   159.58077 (14010809)   214.50071 (14010809)   273.57951 (14010809)
333.81757 (14010809)
 4215398.0 | 179.45185 (14010809)   227.06389 (14010809)   274.19735 (14010809)   311.92172 (14010809)
355.21073 (15122508)
 4215378.0 | 229.98100 (14010809)   263.09094 (14010809)   296.98218 (15122508)   330.59550 (15122508)
339.34728 (15122508)
 4215358.0 | 245.32212 (15122508)   280.05118 (15122508)   300.74044 (15122508)   299.62643 (14010808)
329.13544 (14010808)
 4215338.0 | 261.32446 (15122508)   270.80003 (15122508)   282.55305 (14010808)   310.08011 (14010808)
302.81915 (14010808)
 4215318.0 | 241.00882 (15122508)   262.16832 (14010808)   281.07204 (14010808)   277.99722 (14010808)
246.73345 (14010808)
 4215298.0 | 244.53751 (14010808)   256.83005 (14010808)   250.00190 (14010808)   224.76726 (14010808)
200.96415 (14012909)
 4215278.0 | 236.40092 (14010808)   225.92023 (14010808)   200.33310 (14010808)   183.07523 (14012909)
191.76008 (16112108)
 4215258.0 | 206.48432 (14010808)   180.67611 (14010808)   166.99282 (14012909)   167.01917 (14012909)
219.52441 (16112108)
 4215238.0 | 164.09292 (14010808)   153.68918 (14012909)   154.66853 (14012909)   189.37149 (16112108)
233.87028 (16112108)
 4215218.0 | 142.34120 (14012909)   144.27292 (14012909)   163.68810 (16112108)   207.57185 (16112108)
234.41859 (16112108)
 4215198.0 | 135.02015 (14012909)   141.33268 (16112108)   184.03011 (16112108)   214.27647 (16112108)
222.85113 (16112108)
 4215178.0 | 121.81250 (16112108)   162.71121 (16112108)   194.93585 (16112108)   209.83028 (16112108)
215.44207 (13121808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***
INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539044.00	539064.00	539084.00	539104.00	539124.00
4215158.0	143.33639 (16112108)	176.57318 (16112108)	196.21476 (16112108)	199.41837 (13121808)	205.38826 (13121808)
4215138.0	159.09202 (16112108)	182.07400 (16112108)	188.09269 (16112108)	196.53168 (13121808)	200.37841 (15112508)
4215118.0	167.60292 (16112108)	178.85251 (16112108)	185.20288 (13121808)	189.09867 (15112508)	188.46738 (15112508)
4215098.0	168.67329 (16112108)	172.12408 (13121808)	180.62286 (13121808)	183.82199 (15112508)	176.15226 (16121307)
4215078.0	162.41862 (16112108)	172.29312 (13121808)	175.06227 (15112508)	173.23548 (15112508)	173.74619 (16121307)
4215058.0	162.07869 (13121808)	166.45477 (13121808)	169.57715 (15112508)	160.67171 (16121307)	167.34793 (16121307)
4215038.0	159.52329 (13121808)	161.81550 (15112508)	158.56172 (15112508)	159.07190 (16121307)	157.74509 (16121307)
4215018.0	151.93701 (13121808)	155.29946 (15112508)	146.41681 (16121307)	153.91052 (16121307)	153.43982 (14122408)
4214998.0	149.35283 (15112508)	145.08916 (15112508)	145.54906 (16121307)	145.86089 (16121307)	149.55234 (14122408)
4214978.0	142.97046 (15112508)	134.25452 (16121307)	141.57841 (16121307)	139.80354 (14122408)	143.18165 (14122408)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***
INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)

(METERS)	539144.00	539164.00	539184.00	539204.00	539224.00
4215958.0	134.49377 (14121807)	141.75882 (16011207)	143.98828 (15010808)	146.24922 (16112507)	148.79818 (15121807)
4215938.0	142.29585 (14121807)	148.25042 (16011207)	149.40512 (15010808)	153.31705 (15010808)	156.85608 (15121807)
4215918.0	147.81379 (14121807)	152.71806 (16011207)	159.76800 (16011207)	163.35596 (15010808)	164.90953 (16112507)
4215898.0	159.08519 (17010608)	161.46136 (14121807)	169.09812 (16011207)	172.05093 (15010808)	175.57538 (16112507)
4215878.0	170.97012 (15121808)	168.67669 (14121807)	175.87520 (16011207)	181.25339 (16011207)	185.50050 (15010808)
4215858.0	178.80231 (15121808)	182.73841 (15121808)	185.12068 (14121807)	194.38269 (16011207)	198.79452 (15010808)
4215838.0	188.12880 (14121707)	196.53855 (15121808)	194.77605 (14121807)	204.82786 (16011207)	210.36928 (15010808)
4215818.0	201.43183 (14121707)	206.13876 (17010207)	212.82995 (15121808)	215.24802 (14121807)	226.15375 (16011207)
4215798.0	207.05842 (14121707)	220.76487 (14121707)	228.90383 (15121808)	228.52407 (17010608)	242.07587 (16011207)
4215778.0	209.04272 (14121816)	233.08903 (14121707)	242.20411 (17010207)	252.11039 (15121808)	254.86464 (14121807)
4215758.0	229.36587 (14121816)	234.87699 (14121707)	261.42581 (14121707)	271.06587 (15121808)	273.82325 (17010608)
4215738.0	243.51062 (17012307)	261.13936 (14121816)	271.00081 (14121707)	291.60907 (14121707)	304.36169 (15121808)
4215718.0	244.05934 (17012307)	273.87325 (17012307)	299.30240 (14121816)	311.92590 (14121707)	326.98998 (17010207)
4215698.0	241.26056 (16120907)	278.31603 (17012307)	319.02221 (14121816)	346.45576 (14121816)	358.14235 (14121707)
4215678.0	262.13631 (13111908)	275.32612 (16120907)	320.70829 (17012307)	378.53991 (14121816)	404.65810 (14121816)
4215658.0	266.84812 (13111908)	300.85853 (13111908)	317.87937 (16120907)	384.16068 (14121816)	454.24263 (14121816)
4215638.0	278.06990 (14121608)	301.39834 (13111908)	349.32901 (13111908)	374.14298 (13111908)	476.74868 (14121816)
4215618.0	309.63793 (14121608)	336.05525 (14121608)	346.91442 (14121608)	412.36818 (13111908)	467.41390 (14121816)
4215598.0	317.48829 (13112007)	352.27588 (14121608)	404.08396 (14121608)	438.04606 (14121608)	498.79387 (13111908)
4215578.0	343.86948 (13112007)	390.16195 (13112007)	430.91001 (13112007)	483.77150 (14121608)	557.87218 (14121608)
4215558.0	314.01859 (14121607)	366.00201 (13112007)	449.95916 (13112007)	541.84120 (13112007)	629.72340 (13112007)
4215538.0	354.02443 (14013007)	399.24444 (14013007)	454.21049 (14013007)	523.13399 (14013007)	636.37166 (15120916)
4215518.0	362.65263 (14013007)	417.20363 (14013007)	488.84915 (14013007)	586.27579 (14013007)	726.83094 (14013007)
4215498.0	303.56919 (14032507)	356.60992 (14032507)	423.59892 (14032507)	509.74439 (14032507)	621.97779 (14032507)
4215478.0	305.98562 (14032507)	340.60196 (14032507)	377.64188 (14032507)	503.25574 (14010809)	706.07629 (14010809)
4215458.0	243.79118 (14032507)	350.84561 (14010809)	476.62469 (14010809)	600.81706 (15122508)	713.65506 (15122508)
4215438.0	350.99335 (14010809)	432.28076 (14010809)	519.90824 (15122508)	579.26612 (15122508)	632.26793 (14010808)
4215418.0	389.85595 (15122508)	451.21459 (15122508)	477.37939 (15122508)	522.44639 (14010808)	524.79333 (14010808)
4215398.0	390.34544 (15122508)	404.96571 (14010808)	441.51994 (14010808)	434.37627 (14010808)	453.63487 (16112108)
4215378.0	356.23048 (14010808)	378.88544 (14010808)	365.97928 (14010808)	358.49682 (16112108)	456.32820 (16112108)
4215358.0	333.38141 (14010808)	312.60016 (14010808)	284.84184 (16112108)	380.72806 (16112108)	428.12251 (16112108)
4215338.0	277.25212 (14010808)	243.58271 (14012909)	317.23623 (16112108)	373.94717 (16112108)	379.79453 (13121808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***

INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539244.00	539264.00	539284.00	539304.00	539324.00
4215958.0	148.00268 (16122807)	141.80100 (17012607)	152.55841 (17012607)	146.32314 (17012607)	140.35452 (16110807)
4215938.0	157.06331 (16122807)	149.51918 (16122807)	161.19022 (17012607)	156.73745 (17012607)	149.56694 (16110807)
4215918.0	166.08818 (16122807)	162.33678 (16122807)	170.40938 (17012607)	168.24128 (17012607)	159.76256 (16110807)
4215898.0	178.21792 (15121807)	175.72705 (16122807)	180.00794 (17012607)	180.74230 (17012607)	170.98811 (16110807)
4215878.0	190.36014 (15121807)	189.52915 (16122807)	189.95420 (17012607)	194.21792 (17012607)	183.50214 (16110807)
4215858.0	201.85945 (15121807)	203.73788 (16122807)	200.31022 (17012607)	209.10513 (17012607)	197.38240 (16110807)
4215838.0	216.27235 (16112507)	218.13522 (15121807)	211.02166 (17012607)	225.26322 (17012607)	213.11930 (16110807)
4215818.0	231.00251 (15010808)	237.03014 (15121807)	231.99512 (16122807)	242.91792 (17012607)	230.72671 (16110807)
4215798.0	249.64880 (15010808)	255.38310 (15121807)	254.95833 (16122807)	262.38119 (17012607)	250.88819 (16110807)
4215778.0	266.83623 (16011207)	275.78982 (16112507)	279.09451 (16122807)	283.81942 (17012607)	275.65396 (17012607)
4215758.0	290.90334 (16011207)	299.10738 (15010808)	305.89325 (15121807)	307.12542 (17012607)	306.89909 (17012607)
4215738.0	309.65246 (16011207)	326.12530 (15010808)	337.14813 (15121807)	332.61656 (17012607)	343.17204 (17012607)
4215718.0	336.16999 (15121808)	357.30103 (16011207)	369.56932 (16112507)	373.68747 (16122807)	385.41197 (17012607)
4215698.0	376.16865 (15121808)	387.91829 (16011207)	409.30844 (15010808)	420.17806 (16122807)	434.68735 (17012607)
4215678.0	410.79503 (14121707)	429.07991 (15121808)	458.30164 (15120816)	476.67441 (15121807)	491.99063 (17012607)
4215658.0	479.47728 (14121816)	480.49889 (15121808)	524.12299 (15120816)	545.64426 (15120816)	558.56614 (17012607)
4215638.0	555.77952 (14121816)	584.53323 (14121816)	586.85044 (15120816)	676.23591 (15120816)	650.46607 (16122807)
4215618.0	607.80921 (14121816)	702.57729 (14121816)	744.22049 (14121816)	804.38597 (15120816)	890.36906 (15120816)
4215598.0	632.22792 (14121816)	805.69055 (14121816)	933.66011 (14121816)	1014.07784 (14121816)	1170.21329 (15120816)
4215578.0	629.14014 (13111908)	894.62752 (14121816)	1138.54266 (14121816)	1341.80450 (14121816)	1523.98281 (14121816)
4215558.0	733.16441 (14121608)	957.32487 (14121816)	1367.21358 (14121816)	1719.36981 (14121816)	1502.87320 (14121816)
4215538.0	860.91270 (13112007)	1088.03940 (13112007)	1320.98262 (14121816)	1469.88479 (14121816)	1457.48106 (14121816)

 4215518.0 | 947.16778 (14013007)   1332.22478 (14013007)   1213.57100 (15120916)   1364.62815 (14010808)
1252.20209 (13121808)
 4215498.0 | 852.81345 (14010809)   1271.77149 (15122508)   1466.93042 (14010808)   1404.47539 (14010808)
1228.06764 (14110707)
 4215478.0 | 913.16511 (15122508)   1064.94038 (14010808)   1189.16308 (14010808)   1388.78682 (15111807)
1552.90114 (13111207)
 4215458.0 | 793.91760 (14010808)   840.76516 (14010808)   944.48796 (13121808)   1044.73125 (15112508)
1133.46705 (13111207)
 4215438.0 | 650.44611 (14010808)   729.96345 (16112108)   798.73620 (15112508)   844.01230 (14122408)
892.97132 (16112107)
 4215418.0 | 574.14082 (16112108)   649.68637 (16112108)   686.60924 (16121307)   717.67534 (13111207)
739.59452 (16112107)
 4215398.0 | 544.70255 (16112108)   568.14036 (15112508)   602.37185 (14122408)   624.05941 (16113007)
631.83704 (17012507)
 4215378.0 | 486.86558 (16112108)   514.16344 (16121307)   533.12589 (14122408)   551.05406 (16113007)
559.04158 (17012507)
 4215358.0 | 438.13262 (15112508)   464.05063 (16121307)   468.59906 (13111207)   484.40156 (16113007)
499.02178 (17012507)
 4215338.0 | 406.16790 (16121307)   423.19933 (14122408)   432.12454 (16113007)   433.07712 (16112107)
448.18036 (17012507)
 4215318.0 | 375.74447 (16121307)   379.77635 (14122408)   396.90490 (16113007)   390.82900 (16121208)
403.97180 (17012507)
 4215298.0 | 347.19342 (14122408)   343.33780 (14110707)   361.37143 (16113007)   355.09286 (16121208)
365.92370 (17012507)
 4215278.0 | 319.89662 (14122408)   323.91942 (16113007)   326.27950 (16113007)   328.94672 (17012507)
332.58355 (17012507)
 4215258.0 | 288.43890 (14122408)   304.65317 (16113007)   300.02309 (16112107)   306.76596 (17012507)
303.22827 (17012507)
 4215238.0 | 267.08274 (14110707)   283.81663 (16113007)   276.26168 (16112107)   286.37489 (17012507)
277.28275 (17012507)
 4215218.0 | 253.10135 (16113007)   261.94709 (16113007)   256.90702 (16121208)   267.58577 (17012507)
254.27439 (17012507)
 4215198.0 | 241.82695 (16113007)   239.98055 (16113007)   239.53208 (16121208)   250.25318 (17012507)
233.61745 (17012507)
 4215178.0 | 229.06844 (16113007)   223.69521 (16112107)   222.83428 (16121208)   234.06985 (17012507)
215.37737 (17012507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539244.00   539264.00   539284.00   539304.00
539324.00
 -
- - - - - - - -

 4215158.0 | 215.18284 (16113007)   209.85909 (16112107)   207.64628 (17012507)   219.31784 (17012507)
199.05540 (17012507)
 4215138.0 | 203.39626 (16113007)   196.80290 (16112107)   198.69013 (17012507)   205.99969 (17012507)
184.67875 (17012507)

 4215118.0 | 191.54443 (16113007)   191.33216 (16121208)   191.49999 (17012507)   193.89783 (17012507)
174.16037 (16111408)
 4215098.0 | 186.23015 (16112107)   186.03815 (16121208)   184.38794 (17012507)   182.46010 (17012507)
164.82749 (16111408)
 4215078.0 | 182.17665 (16112107)   177.27922 (16121208)   177.64031 (17012507)   173.81802 (17012507)
156.26778 (16111408)
 4215058.0 | 176.41065 (16112107)   172.26196 (16121208)   171.10081 (17012507)   165.29409 (17012507)
148.50504 (16111408)
 4215038.0 | 168.41399 (16112107)   164.91216 (16121208)   164.94616 (17012507)   158.33152 (17012507)
143.32532 (16111408)
 4215018.0 | 162.41734 (16121208)   156.92238 (16121208)   161.18094 (17012507)   150.86118 (17012507)
138.20003 (16111408)
 4214998.0 | 157.38155 (16121208)   149.72729 (16121208)   155.03669 (17012507)   145.00635 (17012507)
132.73379 (16111408)
 4214978.0 | 152.10217 (16121208)   143.43211 (17012507)   149.12034 (17012507)   138.01029 (17012507)
129.44701 (15010809)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539344.00   539364.00   539384.00   539404.00
539424.00
 -
- - - - - - - -

 4215958.0 | 126.76281 (13110607)   136.20742 (14120907)   143.64042 (14120907)   139.23326 (14012407)
138.49233 (15122108)
 4215938.0 | 134.90431 (13110607)   145.62654 (14120907)   152.11882 (14120907)   148.31914 (15122108)
145.03313 (15122108)
 4215918.0 | 144.01902 (13110607)   155.96415 (14120907)   161.28547 (14120907)   158.32947 (15122108)
151.74845 (15113008)
 4215898.0 | 154.14806 (13110607)   167.49746 (14120907)   171.20917 (14120907)   169.01461 (15122108)
163.71871 (15113008)
 4215878.0 | 165.53258 (13110607)   180.42334 (14120907)   182.96308 (14012407)   180.38017 (15122108)
176.03728 (15113008)
 4215858.0 | 178.40571 (13110607)   194.78733 (14120907)   195.84238 (14012407)   192.20547 (15122108)
188.48452 (15113008)
 4215838.0 | 192.96928 (13110607)   210.92515 (14120907)   209.90739 (14012407)   204.61272 (15122108)
203.29988 (14012807)
 4215818.0 | 209.76674 (13110607)   229.27929 (14120907)   225.46753 (14012407)   219.21005 (15113008)
219.83018 (14012807)
 4215798.0 | 229.31887 (13110607)   250.16479 (14120907)   246.35564 (15122108)   240.17342 (15113008)
235.88433 (14012807)
 4215778.0 | 252.17329 (13110607)   274.11844 (14120907)   269.78095 (15122108)   262.39681 (15113008)
256.33325 (17011707)
 4215758.0 | 279.19451 (13110607)   301.85623 (14120907)   295.76453 (15122108)   289.73804 (14012807)
282.73943 (17011707)
 4215738.0 | 311.57317 (13110607)   334.36461 (14120907)   324.60794 (15122108)   318.96812 (14012807)
306.29727 (17011707)

 4215718.0 | 350.99627 (13110607)   373.05599 (14120907)   360.01892 (15113008)   353.39873 (17011707)
343.81570 (15120207)
 4215698.0 | 399.93176 (13110607)   419.83822 (14120907)   407.43786 (15113008)   397.81789 (17011707)
384.29200 (16111007)
 4215678.0 | 462.77121 (16110807)   478.20468 (14120907)   468.24245 (14012807)   449.19488 (15120207)
427.42420 (13012307)
 4215658.0 | 545.29955 (16110807)   558.11888 (15122108)   538.16519 (17011707)   517.18483 (16111007)
478.36276 (15011907)
 4215638.0 | 659.87002 (17012607)   669.34765 (15122108)   633.55400 (17011707)   594.86868 (15011907)
533.27188 (14012707)
 4215618.0 | 832.26825 (17012607)   831.05833 (15122108)   774.44679 (16012107)   680.64750 (14012707)
607.15362 (16012908)
 4215598.0 | 1159.27607 (15120816)   1177.90338 (13112109)   951.78282 (16010407)   784.81407 (16012908)
646.96942 (15112608)
 4215578.0 | 1588.65352 (15120816)   1506.05283 (13112109)   1141.34306 (15112608)   872.25857 (17012008)
722.15134 (15011308)
 4215558.0 | 1397.77918 (15120816)   1294.23689 (15112608)   1323.65461 (15011308)   969.72988 (15011308)
765.81387 (15012007)
 4215538.0 | 1350.58264 (14121816)   1222.11597 (15012007)   1375.24001 (15012007)   1084.57406 (15012007)
848.95025 (15012007)
 4215518.0 | 1257.25879 (13111808)   1320.14512 (13111808)   1493.92044 (13111808)   1215.58980 (13111808)
924.11108 (13111808)
 4215498.0 | 1256.11101 (17011208)   1402.22396 (17011208)   1382.16519 (13111808)   1313.72068 (13111808)
927.05312 (13111808)
 4215478.0 | 1471.16862 (16121208)   1496.16408 (15012109)   1550.38768 (16011507)   1117.31929 (17011208)
917.07561 (17011208)
 4215458.0 | 1145.52540 (16121208)   1192.74384 (15012109)   1125.17045 (16011507)   939.93672 (16011507)
742.10725 (13011107)
 4215438.0 | 890.09069 (16121207)   915.62538 (15012109)   884.44628 (15120707)   838.44186 (16011507)
668.42531 (17012308)
 4215418.0 | 733.41998 (16121207)   747.90561 (13120208)   750.13735 (15012109)   713.68569 (15120707)
623.45220 (16011507)
 4215398.0 | 628.82999 (14012108)   637.75373 (13010807)   651.22683 (15012109)   630.49860 (15120707)
584.53295 (16011507)
 4215378.0 | 550.62989 (14012108)   559.78987 (13010807)   570.86371 (15012109)   549.42845 (16112308)
516.23145 (15120707)
 4215358.0 | 489.20848 (14012108)   498.53575 (13010807)   504.33891 (14122407)   485.94924 (13122708)
481.06048 (15120707)
 4215338.0 | 438.56944 (14012108)   448.78878 (13010807)   452.94922 (14122407)   440.70873 (15111007)
433.45694 (15120707)
 4215318.0 | 396.34103 (14012108)   407.00534 (13010807)   406.65753 (14122407)   401.28077 (15012109)
389.96342 (16112308)
 4215298.0 | 360.53911 (14012108)   371.52466 (13010807)   364.84633 (14122407)   369.59733 (15012109)
354.39853 (13122708)
 4215278.0 | 329.79237 (14012108)   340.91013 (13010807)   327.33164 (14122407)   338.41978 (15012109)
327.31932 (13122708)
 4215258.0 | 303.11305 (14012108)   313.92483 (13010807)   300.60986 (13120208)   313.08307 (14122407)
305.29902 (15111007)
 4215238.0 | 279.54564 (14012108)   290.34316 (13010807)   277.82266 (13120208)   289.82257 (14122407)
283.61374 (15012109)
 4215218.0 | 258.98878 (14012108)   269.36618 (13010807)   256.96542 (13120208)   267.30281 (14122407)
266.66188 (15012109)
 4215198.0 | 240.75490 (14012108)   250.58634 (13010807)   238.66879 (13010807)   245.73502 (14122407)
248.79268 (15012109)
 4215178.0 | 224.49283 (14012108)   233.68466 (13010807)   225.71434 (13010807)   225.40738 (14122407)
233.15441 (14122407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                               INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
               L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,

L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539344.00   539364.00   539384.00   539404.00
539424.00
 -
- - - - - - - -

 4215158.0 | 209.91834 (14012108)   218.25997 (13010807)   213.84010 (13010807)   208.07807 (13120208)
219.96413 (14122407)
 4215138.0 | 196.93153 (14012108)   204.92744 (14012108)   202.79600 (13010807)   196.83469 (13120208)
206.34925 (14122407)
 4215118.0 | 185.18205 (14012108)   193.59532 (14012108)   192.50292 (13010807)   186.00873 (13120208)
192.91771 (14122407)
 4215098.0 | 174.51369 (14012108)   183.12059 (14012108)   182.89393 (13010807)   175.57553 (13120208)
179.75349 (14122407)
 4215078.0 | 164.89036 (14012108)   173.61735 (14012108)   173.91130 (13010807)   165.67324 (13120208)
167.00762 (14122407)
 4215058.0 | 156.00002 (14012108)   164.87073 (14012108)   165.59812 (13010807)   156.30072 (13120208)
154.78934 (14122407)
 4215038.0 | 148.97377 (14012108)   157.05776 (14012108)   157.88679 (13010807)   147.40361 (13120208)
148.05611 (13120208)
 4215018.0 | 142.41947 (14012108)   151.18218 (14012108)   150.81043 (13010807)   141.05445 (13010807)
141.92998 (13120208)
 4214998.0 | 137.69069 (14012108)   145.46323 (14012108)   143.98657 (13010807)   136.20261 (13010807)
135.86918 (13120208)
 4214978.0 | 131.80319 (14012108)   140.23583 (14012108)   137.56536 (13010807)   131.56211 (13010807)
129.91490 (13120208)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539444.00   539464.00   539484.00   539504.00
539524.00
 -
- - - - - - - -

 4215958.0 | 136.57173 (15113008)   135.91708 (14012807)   132.29908 (15012808)   130.30904 (17011707)
126.45358 (17010908)
 4215938.0 | 144.48191 (15113008)   142.80634 (14012807)   140.78457 (17011707)   134.72519 (17011707)
135.71047 (15120207)

 4215918.0 | 153.39481 (14012807)   148.92687 (14012807)   149.27070 (17011707)   143.14706 (17010908)
143.81303 (15120207)
 4215898.0 | 164.25493 (14012807)   159.87525 (15012808)   156.49553 (17011707)   154.54727 (15120207)
152.01991 (16111007)
 4215878.0 | 174.54257 (14012807)   171.74728 (17011707)   163.37579 (17010908)   165.13420 (15120207)
160.54027 (16111007)
 4215858.0 | 184.08131 (14012807)   182.72832 (17011707)   177.66841 (15120207)   175.50034 (16111007)
170.03122 (13012307)
 4215838.0 | 198.11319 (15012808)   191.56699 (17011707)   191.97647 (15120207)   186.02681 (15011608)
179.82178 (17011708)
 4215818.0 | 215.03665 (17011707)   206.83890 (15120207)   205.29927 (16111007)   198.08518 (13012307)
192.09463 (15011907)
 4215798.0 | 230.46500 (17011707)   226.65713 (15120207)   219.21919 (15011608)   211.80375 (15011907)
203.32367 (16121408)
 4215778.0 | 247.04103 (17010908)   244.97367 (16111007)   234.64694 (13012307)   225.29834 (15011907)
215.19307 (16121408)
 4215758.0 | 274.77731 (15120207)   264.15920 (15011608)   254.72260 (15011907)   242.73056 (16121408)
226.59047 (14012707)
 4215738.0 | 301.05739 (16111007)   286.46646 (17011708)   273.91186 (16121408)   257.34673 (14012707)
238.34123 (16012908)
 4215718.0 | 329.73253 (13012307)   311.56721 (15011907)   293.96485 (14012707)   268.21580 (16012908)
265.67403 (16012908)
 4215698.0 | 363.55223 (15011907)   339.14393 (16121408)   305.44648 (16012908)   302.46581 (16012908)
273.66970 (15112608)
 4215678.0 | 400.65343 (16121408)   360.12528 (14012707)   348.93939 (16012908)   314.41011 (15112608)
283.36480 (15112608)
 4215658.0 | 433.52072 (14012707)   409.75299 (16012908)   365.94114 (15112608)   321.40430 (15112608)
298.93547 (17012008)
 4215638.0 | 491.28618 (16012908)   433.23293 (15112608)   369.04610 (15112608)   358.37940 (17012008)
331.95469 (17012008)
 4215618.0 | 522.34339 (15112608)   461.18916 (17012008)   427.46175 (17012008)   376.38206 (17012008)
344.64473 (15011308)
 4215598.0 | 578.54809 (17012008)   504.79939 (17012008)   447.78711 (15011308)   390.66337 (15011308)
330.27780 (15011308)
 4215578.0 | 617.17907 (15011308)   521.80450 (15011308)   443.42462 (15012007)   409.58444 (15012007)
375.48133 (15012007)
 4215558.0 | 655.65567 (15012007)   570.94314 (15012007)   498.42986 (15012007)   433.02900 (15012007)
373.90735 (15012007)
 4215538.0 | 686.19188 (15012007)   557.62373 (15012007)   479.78046 (15122507)   426.24185 (15122507)
381.68067 (15122507)
 4215518.0 | 748.80008 (13111808)   628.03899 (13111808)   538.76600 (13111808)   469.37235 (13111808)
413.82537 (13111808)
 4215498.0 | 723.28626 (13111808)   595.69810 (13111808)   507.36052 (13111808)   441.82455 (13111808)
390.92383 (13111808)
 4215478.0 | 730.85452 (17011208)   582.45419 (17011208)   465.05507 (17011208)   371.04443 (17011208)
295.31245 (17011208)
 4215458.0 | 595.87015 (17011208)   556.92817 (17011208)   496.58787 (17011208)   430.68645 (17011208)
366.92619 (17011208)
 4215438.0 | 568.97146 (13011107)   434.83222 (13011107)   395.56162 (17011208)   388.46735 (17011208)
365.06405 (17011208)
 4215418.0 | 527.31392 (17012308)   457.83941 (13011107)   369.25251 (13011107)   316.69759 (15122408)
289.30384 (17011208)
 4215398.0 | 471.68617 (13112207)   431.54720 (17012308)   380.12058 (13011107)   318.92614 (13011107)
266.31225 (15122408)
 4215378.0 | 471.95838 (16011507)   389.54612 (13112207)   362.59406 (17012308)   322.81826 (13011107)
279.21379 (13011107)
 4215358.0 | 446.33970 (16011507)   375.44262 (16011507)   333.20042 (17012308)   310.71959 (17012308)
278.92045 (13011107)
 4215338.0 | 398.63118 (16011507)   378.51347 (16011507)   312.33183 (13112207)   290.95268 (17012308)
270.51284 (17012308)
 4215318.0 | 382.22009 (15120707)   357.18584 (16011507)   316.04614 (16011507)   273.31434 (13112207)
256.91022 (17012308)
 4215298.0 | 353.88920 (15120707)   320.43255 (15120707)   313.58121 (16011507)   261.39654 (16011507)
240.44694 (13112207)
 4215278.0 | 323.58096 (16112308)   313.36961 (15120707)   294.30281 (16011507)   271.01607 (16011507)
226.17738 (13112207)
 4215258.0 | 294.47753 (16112308)   295.79547 (15120707)   266.35762 (15120707)   265.15274 (16011507)
231.58039 (16011507)
 4215238.0 | 274.61926 (13122708)   272.77948 (16112308)   263.52583 (15120707)   247.46948 (16011507)

235.23979 (16011507)
 4215218.0 | 257.56046 (13122708)   253.99438 (16112308)   252.46087 (15120707)   226.49217 (15120707)
227.56983 (16011507)
 4215198.0 | 242.60986 (15111007)   231.66629 (16112308)   235.11977 (15120707)   225.81600 (15120707)
211.28883 (16011507)
 4215178.0 | 228.59399 (15111007)   221.95802 (13122708)   221.21906 (16112308)   218.44649 (15120707)
195.77335 (15120707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539444.00   539464.00   539484.00   539504.00
539524.00
 -
- - - - - - - -

 4215158.0 | 215.80433 (15012109)   210.16772 (13122708)   205.28220 (16112308)   205.88788 (15120707)
196.22656 (15120707)
 4215138.0 | 204.91591 (15012109)   198.94456 (15111007)   191.00740 (13122708)   194.01147 (16112308)
191.38241 (15120707)
 4215118.0 | 193.15870 (15012109)   189.54561 (15111007)   184.25689 (13122708)   182.72228 (16112308)
182.12317 (15120707)
 4215098.0 | 182.28179 (14122407)   178.89609 (15111007)   175.43683 (13122708)   169.18594 (16112308)
171.59582 (16112308)
 4215078.0 | 173.98034 (14122407)   171.52304 (15012109)   166.68716 (15111007)   161.49630 (13122708)
163.62017 (16112308)
 4215058.0 | 165.29401 (14122407)   163.89155 (15012109)   160.24890 (15111007)   156.34512 (13122708)
153.47657 (16112308)
 4215038.0 | 156.41635 (14122407)   155.58710 (15012109)   152.70430 (15111007)   149.56374 (13122708)
141.85647 (16112308)
 4215018.0 | 147.57342 (14122407)   147.54280 (14122407)   145.72844 (15012109)   142.29567 (15111007)
139.00463 (13122708)
 4214998.0 | 138.75119 (14122407)   142.02980 (14122407)   140.71123 (15012109)   137.74502 (15111007)
134.83915 (13122708)
 4214978.0 | 130.12098 (14122407)   136.13283 (14122407)   135.03478 (15012109)   132.25368 (15111007)
129.46209 (13122708)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,

L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539544.00	539564.00	539584.00	539604.00	539624.00
4215958.0	126.71667 (15120207)	124.17940 (16111007)	120.73418 (13012307)	118.16447 (15011907)	113.22679 (15011907)
4215938.0	133.40104 (16111007)	129.78594 (13012307)	126.27130 (17011708)	123.03982 (15011907)	119.69253 (16121408)
4215918.0	140.33385 (16111007)	135.55527 (13012307)	132.97602 (15011907)	127.70667 (16121408)	123.85922 (16121408)
4215898.0	147.56877 (13012307)	143.00616 (17011708)	137.30311 (15011907)	134.39745 (16121408)	128.96652 (14012707)
4215878.0	154.72281 (17011708)	151.01509 (15011907)	145.98976 (16121408)	139.79822 (14012707)	130.77164 (14012707)
4215858.0	165.05506 (15011907)	158.16563 (16121408)	151.70733 (14012707)	143.91911 (14012707)	129.93547 (16012908)
4215838.0	172.63848 (15011907)	167.11697 (16121408)	158.72406 (14012707)	141.52225 (14012707)	146.71793 (16012908)
4215818.0	184.58610 (16121408)	175.24071 (14012707)	158.24187 (14012707)	159.81003 (16012908)	156.93755 (16012908)
4215798.0	194.01941 (14012707)	177.66774 (14012707)	174.96799 (16012908)	172.04232 (16012908)	158.05411 (16012908)
4215778.0	200.35216 (14012707)	192.68880 (16012908)	189.72411 (16012908)	173.56282 (16012908)	166.77824 (15112608)
4215758.0	213.64255 (16012908)	210.64339 (16012908)	191.75797 (16012908)	183.34168 (15112608)	165.63603 (15112608)
4215738.0	235.69728 (16012908)	213.60819 (15112608)	202.50165 (15112608)	180.25807 (15112608)	164.53144 (13012907)
4215718.0	240.84643 (15112608)	225.12878 (15112608)	196.87400 (15112608)	184.24548 (17012008)	186.89838 (17012008)
4215698.0	251.78618 (15112608)	217.47655 (13012907)	214.89338 (17012008)	212.07223 (17012008)	200.04434 (17012008)
4215678.0	248.65476 (17012008)	250.06527 (17012008)	238.58383 (17012008)	218.05672 (17012008)	202.56882 (15011308)
4215658.0	289.51621 (17012008)	266.07312 (17012008)	241.66285 (15011308)	227.69970 (15011308)	208.07174 (15011308)
4215638.0	295.71137 (15011308)	276.05259 (15011308)	249.38938 (15011308)	219.21334 (15011308)	187.99666 (15011308)
4215618.0	306.74072 (15011308)	264.84428 (15011308)	222.70190 (15011308)	217.62893 (15012007)	211.70353 (15012007)
4215598.0	298.38265 (15012007)	284.86867 (15012007)	268.99410 (15012007)	251.23437 (15012007)	232.59764 (15012007)
4215578.0	341.39573 (15012007)	308.13495 (15012007)	276.00705 (15012007)	245.85384 (15012007)	218.08313 (15012007)
4215558.0	321.27272 (15012007)	275.34202 (15012007)	235.48451 (15012007)	209.89498 (15122507)	196.82841 (15122507)
4215538.0	344.44295 (15122507)	312.53998 (15122507)	285.13406 (15122507)	261.39741 (15122507)	240.91115 (15122507)
4215518.0	368.54652 (13111808)	330.85694 (13111808)	299.17083 (13111808)	272.36822 (13111808)	249.20611 (13111808)
4215498.0	350.02500 (13111808)	316.20022 (13111808)	287.93587 (13111808)	263.72167 (13111808)	242.81908 (13111808)
4215478.0	252.49401 (13111808)	235.53904 (13111808)	220.53871 (13111808)	207.01234 (13111808)	194.80214 (13111808)
4215458.0	308.61813 (17011208)	257.08065 (17011208)	212.55927 (17011208)	174.80501 (17011208)	143.26701 (17011208)
4215438.0	332.54798 (17011208)	296.09680 (17011208)	259.09773 (17011208)	223.71353 (17011208)	

191.28066 (17011208)
 4215418.0 | 291.40111 (17011208)   282.26529 (17011208)   265.30964 (17011208)   243.58861 (17011208)
219.61713 (17011208)
 4215398.0 | 245.07196 (15122408)   224.04881 (17011208)   228.93998 (17011208)   226.02530 (17011208)
217.07171 (17011208)
 4215378.0 | 224.00979 (13011107)   215.02473 (15122408)   195.95743 (15122408)   180.23980 (17011208)
185.81630 (17011208)
 4215358.0 | 247.02217 (13011107)   204.29956 (13011107)   187.03176 (15122408)   177.26091 (15122408)
160.56302 (15122408)
 4215338.0 | 244.16885 (13011107)   220.45013 (13011107)   186.93402 (13011107)   161.91352 (15122408)
158.65073 (15122408)
 4215318.0 | 238.35730 (17012308)   216.02879 (13011107)   198.21373 (13011107)   171.65856 (13011107)
145.87677 (17011207)
 4215298.0 | 228.96674 (17012308)   212.17883 (17012308)   192.95587 (13011107)   179.43890 (13011107)
158.18464 (13011107)
 4215278.0 | 212.62625 (13112207)   205.73654 (17012308)   190.58659 (17012308)   173.72748 (13011107)
163.39241 (13011107)
 4215258.0 | 204.66015 (13112207)   189.01866 (13112207)   186.20257 (17012308)   172.47028 (17012308)
157.49797 (13011107)
 4215238.0 | 196.49833 (16011507)   185.46716 (13112207)   170.46519 (17012308)   169.56734 (17012308)
157.09761 (17012308)
 4215218.0 | 206.27323 (16011507)   173.96486 (13123107)   168.46144 (13112207)   156.92852 (17012308)
155.25150 (17012308)
 4215198.0 | 206.11248 (16011507)   179.32853 (16011507)   159.78866 (13112207)   153.37031 (13112207)
145.03214 (17012308)
 4215178.0 | 197.51906 (16011507)   184.51766 (16011507)   155.02893 (16011507)   147.84871 (13112207)
139.95598 (13112207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                               INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539544.00   539564.00   539584.00   539604.00
539624.00
 -
- - - - - - - -

 4215158.0 | 182.56403 (16011507)   182.01857 (16011507)   163.67481 (16011507)   139.09729 (13123107)
136.87706 (13112207)
 4215138.0 | 171.64573 (15120707)   173.16279 (16011507)   165.78850 (16011507)   144.27704 (16011507)
129.80878 (13123107)
 4215118.0 | 172.81189 (15120707)   159.56337 (16011507)   161.87874 (16011507)   149.61458 (16011507)
126.54705 (16011507)
 4215098.0 | 169.56157 (15120707)   152.38263 (15120707)   153.04925 (16011507)   149.58834 (16011507)
134.02871 (16011507)
 4215078.0 | 162.67637 (15120707)   153.82215 (15120707)   140.65278 (16011507)   144.81052 (16011507)
136.92165 (16011507)
 4215058.0 | 152.98411 (15120707)   151.61242 (15120707)   136.48938 (15120707)   136.21668 (16011507)
135.44065 (16011507)
 4215038.0 | 147.25093 (16112308)   146.32102 (15120707)   137.96055 (15120707)   124.90475 (16011507)

130.17753 (16011507)
 4215018.0 | 139.61804 (16112308)   138.63998 (15120707)   136.48155 (15120707)   123.12515 (15120707)
121.95492 (16011507)
 4214998.0 | 130.55302 (16112308)   133.08259 (16112308)   132.43685 (15120707)   124.67452 (15120707)
111.66438 (16011507)
 4214978.0 | 123.57764 (13122708)   127.38915 (16112308)   126.31981 (15120707)   123.73876 (15120707)
111.84500 (15120707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                                INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
                L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
                L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
                L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539644.00   539664.00   539684.00   539704.00
539724.00
 -
- - - - - - - -

 4215958.0 | 111.75456 (16121408)   107.58337 (14012707)   102.00975 (14012707)   91.77730 (14012707)
94.22929 (16012908)
 4215938.0 | 114.91717 (14012707)   110.14642 (14012707)   99.86383 (14012707)   99.95016 (16012908)
102.36477 (16012908)
 4215918.0 | 119.14326 (14012707)   108.88563 (14012707)   106.07058 (16012908)   109.13666 (16012908)
106.97656 (16012908)
 4215898.0 | 119.08385 (14012707)   112.94665 (16012908)   116.58460 (16012908)   114.37131 (16012908)
106.95586 (16012908)
 4215878.0 | 120.95649 (16012908)   125.30842 (16012908)   122.79444 (16012908)   114.45950 (16012908)
111.14951 (15112608)
 4215858.0 | 135.31460 (16012908)   132.59015 (16012908)   123.14575 (16012908)   119.51144 (15112608)
113.95100 (15112608)
 4215838.0 | 143.91340 (16012908)   133.27159 (16012908)   129.01095 (15112608)   121.94709 (15112608)
110.56697 (15112608)
 4215818.0 | 144.85692 (16012908)   139.95869 (15112608)   131.01193 (15112608)   117.37270 (15112608)
110.23035 (13012907)
 4215798.0 | 152.44571 (15112608)   141.23629 (15112608)   124.85350 (15112608)   119.41487 (13012907)
115.79752 (17012008)
 4215778.0 | 152.71008 (15112608)   135.29719 (13012907)   129.18381 (13012907)   130.21184 (17012008)
130.41089 (17012008)
 4215758.0 | 149.13314 (13012907)   143.36273 (17012008)   146.09378 (17012008)   143.38221 (17012008)
136.29939 (17012008)
 4215738.0 | 163.87488 (17012008)   163.32601 (17012008)   156.68187 (17012008)   145.54310 (17012008)
134.26647 (15011308)
 4215718.0 | 181.44187 (17012008)   169.81938 (17012008)   153.73908 (17012008)   149.97415 (15011308)
143.32544 (15011308)
 4215698.0 | 181.73457 (17012008)   172.96511 (15011308)   164.70105 (15011308)   152.98859 (15011308)
139.26730 (15011308)
 4215678.0 | 191.88934 (15011308)   176.94005 (15011308)   159.54273 (15011308)   141.04995 (15011308)
122.63086 (15011308)
 4215658.0 | 185.34198 (15011308)   161.55371 (15011308)   138.36712 (15011308)   133.55892 (15012007)
134.18415 (15012007)
 4215638.0 | 167.94711 (15012007)   167.44160 (15012007)   164.91268 (15012007)   160.73980 (15012007)

155.28440 (15012007)
 4215618.0 | 203.49346 (15012007)   193.76100 (15012007)   182.78198 (15012007)   171.53863 (15012007)
160.00310 (15012007)
 4215598.0 | 213.77627 (15012007)   195.45255 (15012007)   177.73242 (15012007)   161.35411 (15012007)
146.06236 (15012007)
 4215578.0 | 193.02219 (15012007)   170.41378 (15012007)   150.41468 (15012007)   132.90016 (15012007)
117.44975 (15012007)
 4215558.0 | 184.85771 (15122507)   174.00049 (15122507)   164.27145 (15122507)   155.65740 (15122507)
147.73019 (15122507)
 4215538.0 | 222.72030 (15122507)   206.65595 (15122507)   192.57102 (15122507)   180.31045 (15122507)
169.28452 (15122507)
 4215518.0 | 229.13024 (13111808)   211.59445 (13111808)   196.28634 (13111808)   182.93731 (13111808)
170.94771 (13111808)
 4215498.0 | 224.59075 (13111808)   208.67170 (13111808)   194.46299 (13111808)   181.99132 (13111808)
170.80229 (13111808)
 4215478.0 | 183.80699 (13111808)   173.69465 (13111808)   164.43354 (13111808)   156.08246 (13111808)
148.30884 (13111808)
 4215458.0 | 124.91907 (13111808)   121.70991 (13111808)   118.39721 (13111808)   115.09326 (13111808)
111.78221 (13111808)
 4215438.0 | 162.26971 (17011208)   136.88407 (17011208)   115.00450 (17011208)   96.40021 (17011208)
81.05016 (16121608)
 4215418.0 | 195.12799 (17011208)   171.40470 (17011208)   149.26699 (17011208)   129.03307 (17011208)
110.93357 (17011208)
 4215398.0 | 203.84084 (17011208)   187.99995 (17011208)   170.92437 (17011208)   153.51723 (17011208)
136.55105 (17011208)
 4215378.0 | 185.81648 (17011208)   181.25343 (17011208)   173.14229 (17011208)   162.57282 (17011208)
150.47836 (17011208)
 4215358.0 | 149.04479 (17011208)   154.51860 (17011208)   155.94808 (17011208)   153.86675 (17011208)
148.97423 (17011208)
 4215338.0 | 148.62605 (15122408)   134.10375 (15122408)   125.81682 (17011208)   130.93610 (17011208)
133.04883 (17011208)
 4215318.0 | 140.99412 (15122408)   135.97170 (15122408)   126.28828 (15122408)   113.62674 (15122408)
107.92406 (17011208)
 4215298.0 | 134.78623 (17011207)   124.73477 (15122408)   123.31545 (15122408)   117.51479 (15122408)
108.50787 (15122408)
 4215278.0 | 146.21484 (13011107)   125.35338 (13011107)   112.24782 (17011207)   111.17712 (15122408)
108.38178 (15122408)
 4215258.0 | 149.52551 (13011107)   135.54698 (13011107)   117.99370 (13011107)   105.57467 (17011207)
99.83471 (15122408)
 4215238.0 | 143.61197 (13011107)   137.46648 (13011107)   126.00680 (13011107)   111.18642 (13011107)
99.20536 (17011207)
 4215218.0 | 143.88913 (17012308)   131.63806 (13011107)   126.90539 (13011107)   117.50027 (13011107)
104.94175 (13011107)
 4215198.0 | 142.85213 (17012308)   132.46128 (17012308)   121.23327 (13011107)   117.61192 (13011107)
109.83210 (13011107)
 4215178.0 | 134.54469 (17012308)   132.01749 (17012308)   122.48273 (17012308)   112.11771 (13011107)
109.36208 (13011107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON1
***
                               INCLUDING SOURCE(S):   L0000487   , L0000488   , L0000489   , L0000490   ,
L0000491   ,
               L0000492   , L0000493   , L0000494   , L0000495   , L0000496   , L0000497   , L0000498   ,
L0000499   ,
               L0000500   , L0000501   , L0000502   , L0000503   , L0000504   , L0000505   , L0000506   ,
L0000507   ,
               L0000508   , L0000509   , L0000510   , L0000511   , L0000512   , L0000513   , L0000514   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |      539644.00              539664.00              539684.00              539704.00
539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215158.0 |    128.05094 (13112207)    125.22548 (17012308)    122.47949 (17012308)    113.71339 (17012308)
104.08021 (13011107)
 4215138.0 |    126.83946 (13112207)    117.45919 (13112207)    116.93505 (17012308)    114.04640 (17012308)
105.95190 (17012308)
 4215118.0 |    121.01293 (13123107)    117.63287 (13112207)    108.00806 (13112207)    109.49263 (17012308)
106.53270 (17012308)
 4215098.0 |    114.38946 (13123107)    113.54801 (13112207)    109.22214 (13112207)    101.05895 (17012308)
102.78737 (17012308)
 4215078.0 |    119.38921 (16011507)    108.03441 (13123107)    106.61953 (13112207)    101.52435 (13112207)
95.53656 (17012308)
 4215058.0 |    124.36406 (16011507)    105.89015 (16011507)    101.88377 (13123107)    100.10279 (13112207)
94.49691 (13112207)
 4215038.0 |    125.47716 (16011507)    112.26182 (16011507)     96.02122 (13123107)     95.97558 (13123107)
94.01934 (13112207)
 4215018.0 |    123.02248 (16011507)    115.34224 (16011507)    100.86281 (16011507)     91.53476 (13123107)
90.82909 (13112207)
 4214998.0 |    117.56827 (16011507)    115.19370 (16011507)    105.36509 (16011507)     90.28102 (16011507)
87.12206 (13123107)
 4214978.0 |    109.79238 (16011507)    112.13661 (16011507)    107.02548 (16011507)     95.75128 (16011507)
82.96860 (16110107)
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  17:02:24

  PAGE 379
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CON1
***
                                  INCLUDING SOURCE(S):     L0000487    , L0000488    , L0000489    , L0000490    ,
L0000491    ,
                 L0000492    , L0000493    , L0000494    , L0000495    , L0000496    , L0000497    , L0000498    ,
L0000499    ,
                 L0000500    , L0000501    , L0000502    , L0000503    , L0000504    , L0000505    , L0000506    ,
L0000507    ,
                 L0000508    , L0000509    , L0000510    , L0000511    , L0000512    , L0000513    , L0000514    ,
. . .       ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
        539341.84   4215428.70      813.76091  (17012507)              539351.84   4215428.70      833.21220
(16121207)
        539361.84   4215428.70      826.18704  (13120208)              539371.84   4215428.70      847.02609
(15012109)
        539381.84   4215428.70      827.48440  (15012109)              539341.84   4215438.70      898.58158
(17012507)
        539351.84   4215438.70      924.58413  (16121207)              539361.84   4215438.70      917.90173
(13120208)
        539371.84   4215438.70      939.66322  (15012109)              539381.84   4215438.70      903.52085
(15012109)
        539341.84   4215448.70     1005.79676  (16121208)              539351.84   4215448.70     1040.85718
(16121207)
        539361.84   4215448.70     1036.96150  (15012109)              539371.84   4215448.70     1054.79948
(15012109)
        539381.84   4215448.70     1002.52158  (15012108)              539341.84   4215458.70     1165.07966
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(16121208)
        539351.84   4215458.70     1195.29408  (16121207)              539361.84   4215458.70     1197.36367
(15012109)
        539371.84   4215458.70     1202.46931  (15012109)              539381.84   4215458.70     1144.42649
(16120107)
        539341.84   4215468.70     1378.97447  (16121208)              539351.84   4215468.70     1411.19176
(16121207)
        539361.84   4215468.70     1418.50679  (15012109)              539371.84   4215468.70     1398.72023
(15012109)
        539381.84   4215468.70     1341.82898  (16011507)              539113.88   4215517.52      299.70854
(14013007)
        539096.52   4215515.99      269.14157  (14013007)              539108.26   4215501.18      240.17143
(14013007)
        539096.01   4215500.67      223.95079  (14013007)              539108.26   4215486.38      250.16575
(14032507)
        539094.47   4215485.36      230.77620  (14032507)              539135.32   4215461.36      251.05085
(14032507)
        539150.13   4215439.91      370.61943  (14010809)              539114.39   4215452.68      211.54636
(14032507)
        539123.07   4215439.40      255.23653  (14010809)              539159.32   4215421.02      438.72535
(15122508)
        539145.02   4215416.43      396.16235  (15122508)              539134.30   4215410.81      369.48809
(15122508)
        539131.75   4215425.11      343.48001  (14010809)              539206.80   4215383.75      364.18601
(16112108)
        539215.99   4215372.52      425.21930  (16112108)              539188.93   4215382.22      377.84879
(14010808)
        539176.17   4215379.67      381.45351  (14010808)              539165.44   4215376.09      373.88903
(14010808)
        539248.79   4215356.71      440.45553  (16121307)              539243.45   4215348.45      416.56692
(16121307)
        539265.58   4215345.25      438.92596  (14122408)              539260.78   4215338.05      420.92474
(14122408)
        539256.25   4215351.38      444.90572  (16121307)              539272.77   4215331.92      404.77126
(14110707)
        539264.78   4215324.99      394.87928  (14122408)              539280.77   4215321.79      400.71100
(16113007)
        539279.97   4215307.14      376.83526  (16113007)              539287.97   4215313.80      388.69920
(16113007)
        539297.83   4215304.74      366.35307  (16112107)              539289.56   4215296.21      352.21706
(16112107)
        539311.15   4215287.68      350.66224  (17012507)              539303.69   4215281.28      332.06907
(17012507)
        539303.69   4215296.21      352.27773  (16121208)              539314.25   4215271.79      330.07915
(17012507)
        539329.09   4215260.48      296.75706  (17012507)              539339.69   4215237.16      271.61042
(14012108)
        539357.36   4215232.92      282.29064  (14012108)              539394.11   4215199.70      240.82214
(13120208)
        539044.99   4215579.21      184.73556  (14121607)              539034.39   4215591.93      169.44989
(13112007)
        539054.88   4215556.59      199.37362  (14121607)              539058.42   4215538.92      230.39359
(14013007)
        539054.88   4215520.55      225.41024  (14013007)              539082.44   4215477.44      219.69923
(14032507)
        539073.96   4215466.13      208.17343  (14032507)              539098.70   4215440.69      178.10689
(14010909)
        539109.30   4215426.56      260.49448  (14010809)              539117.07   4215415.96      317.89411
(14010809)
        539125.55   4215401.11      356.61543  (15122508)              539158.77   4215367.19      349.60155
(14010808)
        539150.29   4215357.30      325.14905  (14010808)              539184.21   4215339.63      316.22277
(16112108)
        539222.37   4215324.79      361.25735  (15112508)              539243.58   4215317.72      375.17556
(16121307)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  17:02:24
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON1 ***

INCLUDING SOURCE(S): L0000487 , L0000488 , L0000489 , L0000490 , L0000491 ,
L0000492 , L0000493 , L0000494 , L0000495 , L0000496 , L0000497 , L0000498 , L0000499 ,
L0000500 , L0000501 , L0000502 , L0000503 , L0000504 , L0000505 , L0000506 , L0000507 ,
L0000508 , L0000509 , L0000510 , L0000511 , L0000512 , L0000513 , L0000514 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539371.49	4215194.05	247.70928	(13010807)	539364.42	4215191.93	245.42018	(13010807)
539344.64	4215200.41	243.67778	(14012108)	539409.65	4215113.48	182.39637	(13120208)
539355.94	4215136.80	204.47196	(14012108)	539262.66	4215288.75	330.33410	(16113007)
539282.44	4215261.19	303.45548	(16112107)	539299.41	4215235.04	278.77680	(17012507)
539168.48	4215647.44	314.50115	(13111908)	538949.25	4216163.17	77.95992	(17010207)
539352.01	4215796.95	238.46959	(14120907)	539358.95	4215583.01	1428.78152	(13112109)
539293.80	4215538.56	1536.99311	(14121816)	539260.82	4215517.04	1252.33038	(14013007)
539279.41	4215503.60	1435.69248	(14010808)	539292.18	4215495.55	1431.25845	(14010808)
539318.95	4215487.21	1486.70879	(15111807)	539337.11	4215482.84	1491.73302	(13111207)
539356.14	4215482.00	1556.88101	(16121207)	539369.89	4215483.02	1519.47081	(16011507)
539384.66	4215486.57	1317.72230	(17011208)	539391.49	4215490.91	1544.14419	(17011208)
539342.66	4215571.90	1662.29651	(15120816)	539326.38	4215560.79	1424.90808	(14121816)
539310.09	4215549.67	1677.29882	(14121816)	539277.31	4215527.80	1251.04474	(13112007)
539270.11	4215510.32	1297.71103	(15122508)	539305.56	4215491.38	1472.24177	(13121808)
539384.98	4215509.33	1421.61294	(13111808)	539378.47	4215527.75	1334.70697	(15012007)
539371.97	4215546.17	1308.52903	(15012007)	539365.46	4215564.59	1336.62197	(13111508)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3 ***

INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 , L0000355 ,
L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 ,

L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538744.00	538764.00	538784.00	538804.00	538824.00
4215958.0	59.52124 (13111908)	65.14504 (13111908)	69.86796 (13111908)	73.29999 (13111908)	75.06207 (13111908)
4215938.0	57.55017 (14121008)	61.14643 (13111908)	67.55040 (13111908)	73.09052 (13111908)	77.28695 (13111908)
4215918.0	60.39264 (14121008)	61.46499 (14121008)	62.69254 (13111908)	69.97305 (13111908)	76.42753 (13111908)
4215898.0	60.82533 (14121008)	63.68703 (14121008)	65.52459 (14121008)	66.12818 (14121008)	72.36815 (13111908)
4215878.0	66.63466 (14121608)	65.27459 (14121608)	66.93527 (14121008)	69.66777 (14121008)	71.09190 (14121008)
4215858.0	71.97901 (14121608)	72.54184 (14121608)	71.95367 (14121608)	70.11806 (14121608)	73.82692 (14121008)
4215838.0	74.13913 (14121608)	76.83869 (14121608)	78.48775 (14121608)	78.91762 (14121608)	77.94873 (14121608)
4215818.0	72.60756 (14121608)	77.33899 (14121608)	81.32122 (14121608)	84.31553 (14121608)	86.02959 (14121608)
4215798.0	67.41102 (14121608)	73.72183 (14121608)	79.75261 (14121608)	85.20930 (14121608)	89.75859 (14121608)
4215778.0	66.81551 (13112007)	66.36490 (14121608)	73.77756 (14121608)	81.15355 (14121608)	88.18249 (14121608)
4215758.0	75.82573 (13112007)	76.12367 (13112007)	75.68279 (13112007)	74.41276 (13112007)	81.22588 (14121608)
4215738.0	81.26327 (13112007)	83.43303 (13112007)	85.16874 (13112007)	86.13822 (13112007)	86.21397 (13112007)
4215718.0	82.44192 (13112007)	85.76659 (13112007)	89.72029 (13112007)	93.20958 (13112007)	95.97061 (13112007)
4215698.0	78.32861 (13112007)	83.16932 (13112007)	88.21310 (13112007)	93.92654 (13112007)	99.31037 (13112007)
4215678.0	69.18618 (13112007)	74.97836 (13112007)	80.80970 (13112007)	87.80883 (13112007)	95.11236 (13112007)
4215658.0	69.31596 (14121607)	68.95428 (14121607)	68.67650 (13112007)	75.88012 (13112007)	83.97794 (13112007)
4215638.0	79.38807 (14121607)	79.59299 (14121607)	80.34967 (14121607)	81.22944 (14121607)	83.18701 (14121607)
4215618.0	83.37869 (14121607)	85.28204 (14121607)	87.65436 (14121607)	89.69069 (14121607)	93.52532 (14121607)
4215598.0	80.55674 (14121607)	84.33872 (14121607)	87.57678 (14121607)	90.79025 (14121607)	96.06908 (14121607)
4215578.0	89.35913 (14013007)	91.73802 (14013007)	93.85058 (14013007)	94.94127 (14013007)	98.45361 (14013007)
4215558.0	99.85853 (14013007)	103.22822 (14013007)	106.33539 (14013007)	109.59980 (14013007)	114.70161 (14013007)
4215538.0	102.46112 (14013007)	105.92147 (14013007)	109.59409 (14013007)	113.49474 (14013007)	119.37300 (14013007)
4215518.0	95.32978 (14013007)	98.70519 (14013007)	102.29984 (14013007)	106.56478 (14013007)	111.63158 (14013007)
4215498.0	80.47813 (14013007)	83.22750 (14013007)	86.37725 (14013007)	89.50648 (14013007)	93.38406 (14013007)
4215478.0	61.46448 (14013007)	65.13431 (14032507)	70.06014 (14032507)	75.05032 (14032507)	81.15153 (14032507)
4215458.0	78.61256 (14032507)	83.85051 (14032507)	88.95728 (14032507)	94.26964 (14032507)	100.40154 (14032507)
4215438.0	94.10569 (14032507)	98.71653 (14032507)	103.38153 (14032507)	108.07230 (14032507)	113.51712 (14032507)

 4215418.0 | 102.94067 (14032507)   106.40192 (14032507)   109.70772 (14032507)   113.53407 (14032507)
116.44704 (14032507)
 4215398.0 | 103.19623 (14032507)   104.85006 (14032507)   106.16458 (14032507)   107.72343 (14032507)
108.25405 (14032507)
 4215378.0 | 94.73105 (14032507)   94.39057 (14032507)   94.06901 (14032507)   92.85923 (14032507)
91.18233 (14032507)
 4215358.0 | 79.61210 (14032507)   77.88729 (14032507)   75.50853 (14032507)   72.75689 (14032507)
69.64697 (14032507)
 4215338.0 | 61.28668 (14032507)   58.91805 (13092407)   64.48563 (13092407)   70.00410 (13092407)
75.83127 (13092407)
 4215318.0 | 63.39216 (13092407)   68.37830 (13092407)   73.11761 (13092407)   77.45599 (13092407)
81.79299 (13092407)
 4215298.0 | 70.72514 (13092407)   74.50614 (13092407)   77.72666 (13092407)   80.74600 (13092407)
82.98979 (13092407)
 4215278.0 | 74.22301 (13092407)   76.27005 (13092407)   77.97140 (13092407)   78.62503 (14010809)
97.01467 (14010809)
 4215258.0 | 73.33588 (13092407)   73.42855 (13092407)   87.49392 (14010809)   104.65924 (14010809)
121.85971 (14010809)
 4215238.0 | 79.33896 (14010809)   94.64883 (14010809)   109.95383 (14010809)   124.08849 (14010809)
136.21396 (14010809)
 4215218.0 | 99.81098 (14010809)   112.83498 (14010809)   123.84451 (14010809)   131.74203 (14010809)
136.06329 (15122508)
 4215198.0 | 113.40788 (14010809)   121.24850 (14010809)   125.64368 (14010809)   135.93850 (15122508)
147.94111 (15122508)
 4215178.0 | 116.70158 (14010809)   122.12678 (15122508)   134.30371 (15122508)   142.54508 (15122508)
145.51986 (15122508)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                                INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538744.00   538764.00   538784.00   538804.00
538824.00
 -
- - - - - - - -

 4215158.0 | 121.99511 (15122508)   131.14736 (15122508)   136.10959 (15122508)   135.79469 (15122508)
137.04557 (13011008)
 4215138.0 | 126.73371 (15122508)   128.66316 (15122508)   125.87266 (15122508)   132.52889 (13011008)
135.04510 (14010808)
 4215118.0 | 120.75276 (15122508)   122.61473 (13011008)   127.61794 (13011008)   133.26183 (14010808)
146.14931 (14010808)
 4215098.0 | 119.30888 (13011008)   122.42418 (13011008)   131.08700 (14010808)   141.69869 (14010808)
146.04865 (14010808)
 4215078.0 | 117.04261 (13011008)   128.58613 (14010808)   137.11308 (14010808)   139.54787 (14010808)
134.68599 (14010808)
 4215058.0 | 125.81704 (14010808)   132.44423 (14010808)   132.93780 (14010808)   127.21117 (14010808)
115.36843 (14010808)
 4215038.0 | 127.73480 (14010808)   126.79395 (14010808)   120.10872 (14010808)   107.99018 (14010808)
92.14419 (14010808)

 4215018.0 | 120.83372 (14010808)   113.36785 (14010808)   101.09704 (14010808)   85.67500 (14010808)
68.87712 (14010808)
 4214998.0 | 106.84781 (14010808)   94.65548 (14010808)   79.69539 (14010808)   63.88869 (14012909)
73.91403 (14012909)
 4214978.0 | 88.63394 (14010808)   74.16278 (14010808)   60.93315 (14012909)   70.36451 (14012909)
76.55759 (14012909)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                                INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                 L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                 L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                 L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538844.00   538864.00   538884.00   538904.00
538924.00
 -
- - - - - - - -

 4215958.0 | 75.66857 (14120208)   78.77268 (16120907)   79.85754 (16120907)   78.39758 (16120907)
90.21120 (17012307)
 4215938.0 | 79.70865 (13111908)   80.11201 (14120208)   83.57039 (16120907)   85.06376 (16120907)
83.68305 (16120907)
 4215918.0 | 81.52892 (13111908)   84.74357 (13111908)   85.62160 (13111908)   88.86100 (16120907)
90.84164 (16120907)
 4215898.0 | 79.86991 (13111908)   86.02775 (13111908)   90.20978 (13111908)   91.82825 (13111908)
94.71701 (16120907)
 4215878.0 | 74.71182 (13111908)   83.42322 (13111908)   90.82505 (13111908)   96.15701 (13111908)
98.69282 (13111908)
 4215858.0 | 76.27835 (14121008)   77.08013 (14121008)   87.05098 (13111908)   95.89778 (13111908)
102.61411 (13111908)
 4215838.0 | 77.93344 (14121008)   81.64433 (14121008)   83.59837 (14121008)   90.70682 (13111908)
101.23910 (13111908)
 4215818.0 | 86.23885 (14121608)   84.77155 (14121608)   87.07942 (14121008)   90.48015 (14121008)
94.31855 (13111908)
 4215798.0 | 93.09198 (14121608)   94.85835 (14121608)   94.73308 (14121608)   92.51422 (14121608)
97.61387 (14121008)
 4215778.0 | 94.52226 (14121608)   99.76407 (14121608)   103.45195 (14121608)   105.17395 (14121608)
104.55897 (14121608)
 4215758.0 | 89.88618 (14121608)   98.19107 (14121608)   105.63817 (14121608)   111.71096 (14121608)
115.85964 (14121608)
 4215738.0 | 85.30041 (13112007)   89.99575 (14121608)   100.33280 (14121608)   110.27585 (14121608)
119.19048 (14121608)
 4215718.0 | 97.91772 (13112007)   98.81392 (13112007)   98.53461 (13112007)   100.51707 (14121608)
113.10250 (14121608)
 4215698.0 | 104.24799 (13112007)   108.52026 (13112007)   111.91568 (13112007)   114.20795 (13112007)
115.01501 (13112007)
 4215678.0 | 102.50004 (13112007)   109.79732 (13112007)   116.81902 (13112007)   123.29544 (13112007)
128.89805 (13112007)
 4215658.0 | 92.65785 (13112007)   101.85086 (13112007)   111.43983 (13112007)   121.27596 (13112007)
131.17451 (13112007)
 4215638.0 | 84.92710 (14121607)   86.41245 (13112007)   96.71563 (13112007)   107.97534 (13112007)
120.37000 (13112007)

 4215618.0 | 97.38234 (14121607)   101.21440 (14121607)   104.07045 (14121607)   105.57441 (14121607)
108.24655 (14121607)
 4215598.0 | 101.65248 (14121607)   107.53839 (14121607)   112.59793 (14121607)   116.54873 (14121607)
121.59837 (14121607)
 4215578.0 | 102.13653 (14013007)   105.99337 (14013007)   109.20753 (14121607)   115.72902 (14121607)
122.11264 (14121607)
 4215558.0 | 120.19078 (14013007)   126.10650 (14013007)   130.49505 (14013007)   134.85452 (14013007)
139.09777 (14013007)
 4215538.0 | 125.77713 (14013007)   132.77498 (14013007)   140.44594 (14013007)   144.86654 (14013007)
150.15736 (14013007)
 4215518.0 | 117.63171 (14013007)   124.20047 (14013007)   130.89637 (14013007)   137.70488 (14013007)
141.95644 (14013007)
 4215498.0 | 97.57633 (14013007)   102.40915 (14013007)   107.06422 (14013007)   112.12678 (14013007)
116.21926 (14013007)
 4215478.0 | 87.39300 (14032507)   94.70066 (14032507)   102.75453 (14032507)   110.92349 (14032507)
120.64824 (14032507)
 4215458.0 | 106.89251 (14032507)   113.75076 (14032507)   121.88247 (14032507)   130.60211 (14032507)
139.93124 (14032507)
 4215438.0 | 118.22552 (14032507)   123.76300 (14032507)   129.31430 (14032507)   136.99501 (14032507)
144.83346 (14032507)
 4215418.0 | 119.04961 (14032507)   121.27241 (14032507)   123.96870 (14032507)   128.10601 (14032507)
131.73774 (14032507)
 4215398.0 | 108.30483 (14032507)   108.48453 (14032507)   108.07996 (14032507)   108.25976 (14032507)
107.55422 (14032507)
 4215378.0 | 89.02011 (14032507)   86.74227 (14032507)   83.89924 (14032507)   82.37958 (13092407)
91.84366 (13092407)
 4215358.0 | 71.83727 (13092407)   77.91980 (13092407)   84.39968 (13092407)   92.14709 (13092407)
99.71498 (13092407)
 4215338.0 | 80.88695 (13092407)   85.40496 (13092407)   89.92950 (13092407)   95.23537 (13092407)
109.38842 (14010809)
 4215318.0 | 85.51765 (13092407)   88.43884 (13092407)   97.29922 (14010809)   121.83177 (14010809)
148.02870 (14010809)
 4215298.0 | 87.15777 (14010809)   108.28782 (14010809)   130.81758 (14010809)   152.93398 (14010809)
172.64729 (14010809)
 4215278.0 | 116.62823 (14010809)   136.17625 (14010809)   153.89483 (14010809)   167.46613 (14010809)
176.66079 (15122508)
 4215258.0 | 137.86912 (14010809)   150.95009 (14010809)   159.11984 (14010809)   175.08919 (15122508)
189.95328 (15122508)
 4215238.0 | 144.47668 (14010809)   154.37089 (15122508)   170.45344 (15122508)   179.80705 (15122508)
180.44097 (15122508)
 4215218.0 | 151.97202 (15122508)   163.36099 (15122508)   167.91929 (15122508)   164.84017 (13011008)
173.07584 (13011008)
 4215198.0 | 154.82050 (15122508)   155.06715 (15122508)   157.35554 (13011008)   164.35628 (14010808)
184.01328 (14010808)
 4215178.0 | 142.47734 (15122508)   149.59166 (13011008)   159.74876 (14010808)   175.45370 (14010808)
181.65390 (14010808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                                INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       538844.00              538864.00              538884.00              538904.00
538924.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215158.0 |    142.12992 (13011008)    154.79672 (14010808)    166.59165 (14010808)    170.36246 (14010808)
163.80909 (14010808)
 4215138.0 |    150.78114 (14010808)    159.37273 (14010808)    159.82946 (14010808)    151.55720 (14010808)
135.16688 (14010808)
 4215118.0 |    152.67046 (14010808)    150.77794 (14010808)    141.07905 (14010808)    124.53898 (14010808)
103.03644 (14010808)
 4215098.0 |    142.54074 (14010808)    131.72192 (14010808)    115.14241 (14010808)     94.70168 (14010808)
96.94943 (14012909)
 4215078.0 |    123.26696 (14010808)    106.74471 (14010808)     87.29818 (14010808)     91.37781 (14012909)
98.43393 (14012909)
 4215058.0 |     99.15011 (14010808)     80.58875 (14010808)     86.32747 (14012909)     93.19029 (14012909)
93.35018 (14012909)
 4215038.0 |     74.47459 (14010808)     81.82292 (14012909)     88.50622 (14012909)     89.11941 (14012909)
83.34838 (14012909)
 4215018.0 |     77.69949 (14012909)     84.19837 (14012909)     85.18520 (14012909)     80.21166 (14012909)
70.24549 (16112108)
 4214998.0 |     80.22709 (14012909)     81.52168 (14012909)     77.32166 (14012909)     68.29828 (14012909)
85.24454 (16112108)
 4214978.0 |     78.10530 (14012909)     74.58012 (14012909)     66.51107 (14012909)     75.45713 (16112108)
98.61776 (16112108)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  17:02:24

  PAGE 385
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CON3
***
                                INCLUDING SOURCE(S):     L0000351    , L0000352    , L0000353    , L0000354    ,
L0000355    ,
                L0000356    , L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    ,
L0000363    ,
                L0000364    , L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    ,
L0000371    ,
                L0000372    , L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       538944.00              538964.00              538984.00              539004.00
539024.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215958.0 |    100.68120 (17012307)    107.30966 (17012307)    108.80520 (17012307)    108.05906 (15122908)
107.35501 (14121707)
 4215938.0 |     96.73839 (17012307)    107.90954 (17012307)    114.61256 (17012307)    115.88357 (15122908)
114.04491 (15122908)
 4215918.0 |     89.58904 (16120907)    104.04410 (17012307)    115.96935 (17012307)    122.67556 (17012307)
123.72597 (15122908)
 4215898.0 |     97.29555 (16120907)     96.19876 (16120907)    112.25357 (17012307)    124.99070 (17012307)
131.60720 (17012307)
 4215878.0 |    101.21489 (16120907)    104.50849 (16120907)    103.65028 (16120907)    121.53937 (17012307)
135.14555 (17012307)
 4215858.0 |    106.29608 (13111908)    108.42445 (16120907)    112.63123 (16120907)    112.23410 (17012307)
132.09810 (17012307)
 4215838.0 |    109.61413 (13111908)    114.71038 (13111908)    116.48302 (16120907)    121.82947 (16120907)
122.22977 (17012307)
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 4215818.0 | 106.81172 (13111908)   117.18249 (13111908)   124.06602 (13111908)   126.22082 (13111908)
132.30902 (16120907)
 4215798.0 | 100.36286 (14121008)   112.58325 (13111908)   125.36816 (13111908)   134.48978 (13111908)
138.33166 (13111908)
 4215778.0 | 104.84810 (14121008)   109.73563 (14121008)   118.51970 (13111908)   134.21580 (13111908)
146.16885 (13111908)
 4215758.0 | 117.47546 (14121608)   116.11323 (14121608)   119.63684 (14121008)   124.54217 (13111908)
143.77060 (13111908)
 4215738.0 | 126.35837 (14121608)   130.97464 (14121608)   132.35748 (14121608)   129.92274 (14121008)
137.31807 (14121008)
 4215718.0 | 125.19920 (14121608)   136.04167 (14121608)   144.57399 (14121608)   149.80182 (14121608)
150.64799 (14121608)
 4215698.0 | 114.14595 (13112007)   129.00854 (14121608)   144.00741 (14121608)   157.39279 (14121608)
167.73001 (14121608)
 4215678.0 | 133.19980 (13112007)   135.77939 (13112007)   136.16706 (13112007)   149.17578 (14121608)
168.23612 (14121608)
 4215658.0 | 140.71596 (13112007)   149.40511 (13112007)   156.80004 (13112007)   162.21587 (13112007)
164.90897 (13112007)
 4215638.0 | 133.47692 (13112007)   147.14657 (13112007)   160.94737 (13112007)   174.32552 (13112007)
186.46624 (13112007)
 4215618.0 | 112.86490 (13112007)   128.50214 (13112007)   145.75284 (13112007)   164.39292 (13112007)
184.19778 (13112007)
 4215598.0 | 127.73233 (14121607)   134.61772 (14121607)   141.53352 (14121607)   148.25353 (14121607)
156.73474 (13112007)
 4215578.0 | 129.93733 (14121607)   139.95784 (14121607)   150.88221 (14121607)   162.78871 (14121607)
175.60277 (14121607)
 4215558.0 | 143.21254 (14013007)   149.72357 (14013007)   158.70919 (14013007)   169.01867 (14013007)
180.37237 (14013007)
 4215538.0 | 155.34034 (14013007)   163.59213 (14013007)   173.63441 (14013007)   187.31492 (14013007)
202.77140 (14013007)
 4215518.0 | 149.06114 (14013007)   155.20863 (14013007)   163.88935 (14013007)   176.73784 (14013007)
191.77960 (14013007)
 4215498.0 | 121.28466 (14013007)   126.95034 (14013007)   132.99574 (14013007)   141.28273 (14013007)
151.80326 (14013007)
 4215478.0 | 128.04366 (14032507)   136.26224 (14032507)   144.25530 (14032507)   154.07623 (14032507)
164.09800 (14032507)
 4215458.0 | 149.88139 (14032507)   155.53124 (14032507)   161.93617 (14032507)   167.22188 (14032507)
171.76998 (14032507)
 4215438.0 | 151.53728 (14032507)   158.02872 (14032507)   157.88108 (14032507)   157.72086 (14032507)
155.64037 (14032507)
 4215418.0 | 134.67596 (14032507)   135.83357 (14032507)   134.20885 (14032507)   128.55137 (14032507)
124.82445 (14010909)
 4215398.0 | 105.82748 (14032507)   102.11813 (14032507)   107.87513 (13092407)   116.46887 (13092407)
120.93207 (14010909)
 4215378.0 | 101.66131 (13092407)   109.56984 (13092407)   115.52450 (13092407)   142.81285 (14010809)
185.43604 (14010809)
 4215358.0 | 106.75690 (13092407)   124.20205 (14010809)   159.22048 (14010809)   196.18927 (14010809)
231.01655 (14010809)
 4215338.0 | 138.50060 (14010809)   169.47201 (14010809)   199.30903 (14010809)   223.68474 (14010809)
242.58547 (15122508)
 4215318.0 | 173.92455 (14010809)   195.93452 (14010809)   210.58500 (14010809)   235.46902 (15122508)
254.31811 (15122508)
 4215298.0 | 187.22060 (14010809)   203.86449 (15122508)   224.64985 (15122508)   233.96517 (15122508)
229.48845 (15122508)
 4215278.0 | 198.10463 (15122508)   211.30329 (15122508)   212.96227 (15122508)   214.00018 (13011008)
240.97766 (14010808)
 4215258.0 | 196.39208 (15122508)   192.12759 (15122508)   205.25837 (14010808)   228.72162 (14010808)
235.69421 (14010808)
 4215238.0 | 183.03272 (13011008)   198.86395 (14010808)   216.84103 (14010808)   219.33165 (14010808)
205.55058 (14010808)
 4215218.0 | 192.09606 (14010808)   205.37169 (14010808)   204.25233 (14010808)   188.78298 (14010808)
161.50571 (14010808)
 4215198.0 | 193.74107 (14010808)   190.30247 (14010808)   173.68207 (14010808)   147.17055 (14010808)
136.84233 (14012909)
 4215178.0 | 176.90574 (14010808)   159.99858 (14010808)   134.39246 (14010808)   127.14081 (14012909)
135.13864 (14012909)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3
***
INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 ,
L0000355 ,
L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 ,
L0000363 ,
L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 ,
L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538944.00	538964.00	538984.00	539004.00	539024.00
4215158.0	147.29552 (14010808)	122.93566 (14010808)	118.56486 (14012909)	126.52368 (14012909)	122.29864 (14012909)
4215138.0	112.39065 (14010808)	110.77361 (14012909)	118.44124 (14012909)	115.65217 (14012909)	113.93641 (16112108)
4215118.0	103.40556 (14012909)	111.18190 (14012909)	109.41514 (14012909)	98.35292 (16112108)	135.17243 (16112108)
4215098.0	104.48738 (14012909)	103.55619 (14012909)	94.17347 (14012909)	118.87653 (16112108)	151.04316 (16112108)
4215078.0	98.17638 (14012909)	90.26321 (14012909)	104.40948 (16112108)	135.45060 (16112108)	159.85918 (16112108)
4215058.0	86.56534 (14012909)	91.69131 (16112108)	120.98970 (16112108)	146.23655 (16112108)	161.03339 (16112108)
4215038.0	80.35465 (16112108)	107.89625 (16112108)	133.05329 (16112108)	150.36058 (16112108)	154.71742 (16112108)
4215018.0	96.04019 (16112108)	120.79740 (16112108)	139.66973 (16112108)	147.71752 (16112108)	153.81552 (13121808)
4214998.0	109.33068 (16112108)	129.16927 (16112108)	140.24869 (16112108)	141.18272 (13121808)	152.94578 (13121808)
4214978.0	118.97232 (16112108)	132.37741 (16112108)	135.32318 (16112108)	144.14286 (13121808)	146.91306 (13121808)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3
***
INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 ,
L0000355 ,
L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 ,
L0000363 ,
L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 ,
L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539044.00	539064.00	539084.00	539104.00	539124.00
4215958.0	121.94836 (14121707)	129.56121 (14121707)	131.43690 (17010207)	136.11512 (15121808)	135.80095 (17010608)
4215938.0	119.25473 (14121707)	133.12310 (14121707)	138.23859 (14121707)	140.35385 (17010207)	145.31394 (15121808)
4215918.0	120.36820 (15122908)	132.33199 (14121707)	144.75999 (14121707)	147.36196 (17010207)	153.23906 (15121808)
4215898.0	132.28438 (15122908)	127.01173 (15122908)	146.56023 (14121707)	156.67327 (14121707)	159.46259 (17010207)
4215878.0	141.54862 (17012307)	141.62329 (15122908)	142.87192 (14121707)	161.88957 (14121707)	168.47380 (14121707)
4215858.0	146.66166 (17012307)	152.64616 (17012307)	151.79910 (15122908)	160.89197 (14121707)	178.10097 (14121707)
4215838.0	144.22063 (17012307)	159.76135 (17012307)	165.05884 (17012307)	163.45348 (14121816)	180.91832 (14121707)
4215818.0	133.78832 (17012307)	158.18482 (17012307)	174.73636 (17012307)	179.10304 (15122908)	178.92498 (14121816)
4215798.0	144.40984 (16120907)	147.20815 (17012307)	174.42496 (17012307)	191.99207 (17012307)	198.59491 (14121816)
4215778.0	152.28633 (13111908)	158.41748 (16120907)	162.96849 (17012307)	193.45366 (17012307)	211.98277 (17012307)
4215758.0	159.29063 (13111908)	168.34789 (13111908)	174.73855 (16120907)	181.62830 (17012307)	215.93556 (17012307)
4215738.0	153.99555 (13111908)	173.96204 (13111908)	186.94346 (13111908)	193.97168 (16120907)	204.03174 (17012307)
4215718.0	151.90545 (14121008)	164.82754 (13111908)	190.40624 (13111908)	208.60552 (13111908)	216.93799 (16120907)
4215698.0	173.38550 (14121608)	173.10991 (14121608)	178.90357 (14121008)	208.88915 (13111908)	234.15818 (13111908)
4215678.0	184.95737 (14121608)	197.42887 (14121608)	203.48861 (14121608)	201.87667 (14121008)	229.76034 (13111908)
4215658.0	175.26981 (14121608)	199.85255 (14121608)	221.38088 (14121608)	236.88118 (14121608)	243.30181 (14121608)
4215638.0	196.33455 (13112007)	202.94873 (13112007)	210.18501 (14121608)	243.25238 (14121608)	272.18252 (14121608)
4215618.0	204.23385 (13112007)	223.71880 (13112007)	241.27119 (13112007)	255.25152 (13112007)	263.79922 (13112007)
4215598.0	181.78259 (13112007)	209.68509 (13112007)	239.92476 (13112007)	271.55837 (13112007)	302.94835 (13112007)
4215578.0	188.95697 (14121607)	202.96005 (14121607)	217.35113 (14121607)	236.31443 (13112007)	282.43738 (13112007)
4215558.0	192.58487 (14013007)	207.49649 (14121607)	230.65053 (14121607)	257.19112 (14121607)	287.54314 (14121607)
4215538.0	220.21059 (14013007)	240.28147 (14013007)	263.56061 (14013007)	291.02822 (14013007)	324.08548 (14013007)
4215518.0	208.89741 (14013007)	228.81485 (14013007)	252.23423 (14013007)	280.34941 (14013007)	314.94038 (14013007)
4215498.0	163.31078 (14013007)	176.38631 (14013007)	197.87372 (14032507)	226.72561 (14032507)	262.01326 (14032507)
4215478.0	181.62148 (14032507)	201.43459 (14032507)	223.80656 (14032507)	248.41313 (14032507)	277.14216 (14032507)
4215458.0	184.50794 (14032507)	197.57556 (14032507)	210.60178 (14032507)	220.99432 (14032507)	231.62991 (14032507)
4215438.0	160.48286 (14032507)	163.92678 (14032507)	170.92670 (14010909)	193.61113 (14010909)	240.85329 (14010809)
4215418.0	139.59395 (14010909)	151.91655 (14010909)	196.95526 (14010809)	266.87105 (14010809)	341.41018 (14010809)
4215398.0	165.54831 (14010809)	218.89744 (14010809)	276.74698 (14010809)	329.01876 (14010809)	372.99939 (15122508)
4215378.0	231.41107 (14010809)	275.09680 (14010809)	308.34117 (14010809)	351.44329 (15122508)	375.03603 (15122508)
4215358.0	259.88492 (14010809)	292.11374 (15122508)	324.19594 (15122508)	331.78600 (15122508)	354.05902 (14010808)
4215338.0	274.76492 (15122508)	291.39756 (15122508)	288.70649 (14010808)	332.80811 (14010808)	

343.19163 (14010808)
 4215318.0 | 259.32260 (15122508)   270.83023 (14010808)   302.31412 (14010808)   306.77403 (14010808)
279.37210 (14010808)
 4215298.0 | 254.58046 (14010808)   276.49165 (14010808)   274.66564 (14010808)   247.41361 (14010808)
216.67511 (14012909)
 4215278.0 | 254.53249 (14010808)   247.17910 (14010808)   219.23057 (14010808)   194.60197 (14012909)
200.91252 (14012909)
 4215258.0 | 225.05679 (14010808)   196.64038 (14010808)   176.06835 (14012909)   182.97517 (14012909)
206.20448 (16112108)
 4215238.0 | 177.69154 (14010808)   160.92954 (14012909)   168.10436 (14012909)   174.23728 (16112108)
232.59576 (16112108)
 4215218.0 | 148.16509 (14012909)   155.71037 (14012909)   147.65409 (16112108)   202.09005 (16112108)
242.96946 (16112108)
 4215198.0 | 144.79996 (14012909)   137.18915 (14012909)   175.61747 (16112108)   217.78302 (16112108)
237.60071 (16112108)
 4215178.0 | 129.39161 (14012909)   152.36758 (16112108)   194.44071 (16112108)   220.05637 (16112108)
224.55565 (13121808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                               INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539044.00   539064.00   539084.00   539104.00
539124.00
 -
- - - - - - - -

 4215158.0 | 131.88677 (16112108)   172.97898 (16112108)   202.40665 (16112108)   210.01964 (16112108)
219.44901 (13121808)
 4215138.0 | 153.20431 (16112108)   184.78143 (16112108)   198.84376 (16112108)   205.95234 (13121808)
210.91359 (15112508)
 4215118.0 | 167.42451 (16112108)   186.46143 (16112108)   190.22705 (13121808)   199.60252 (13121808)
202.25745 (15112508)
 4215098.0 | 173.38140 (16112108)   178.88712 (16112108)   190.04765 (13121808)   193.52066 (15112508)
187.85729 (15112508)
 4215078.0 | 170.59546 (16112108)   178.08819 (13121808)   182.20350 (13121808)   185.58296 (15112508)
178.21785 (16121307)
 4215058.0 | 164.48868 (13121808)   175.64555 (13121808)   178.53038 (15112508)   172.10748 (15112508)
174.83497 (16121307)
 4215038.0 | 165.69667 (13121808)   167.21940 (15112508)   169.57077 (15112508)   162.35056 (16121307)
167.21081 (16121307)
 4215018.0 | 160.65693 (13121808)   163.47508 (15112508)   156.21867 (15112508)   159.88876 (16121307)
156.29702 (16121307)
 4214998.0 | 154.59542 (15112508)   154.89860 (15112508)   147.94050 (16121307)   153.69157 (16121307)
154.11264 (14122408)
 4214978.0 | 150.45492 (15112508)   142.69948 (15112508)   146.34823 (16121307)   144.55898 (16121307)
149.56386 (14122408)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3 ***
INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 , L0000355 ,
L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 ,
L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539144.00	539164.00	539184.00	539204.00	539224.00
4215958.0	138.15424 (14121807)	143.99894 (16011207)	144.68305 (15010808)	149.23903 (15010808)	152.02427 (15121807)
4215938.0	143.73599 (14121807)	148.15376 (16011207)	155.01261 (16011207)	158.53353 (15010808)	160.47574 (16112507)
4215918.0	153.69705 (17010608)	156.39107 (14121807)	163.89920 (16011207)	166.56738 (15010808)	170.21470 (16112507)
4215898.0	165.30595 (15121808)	163.71809 (14121807)	170.46177 (16011207)	175.50649 (16011207)	180.00793 (15010808)
4215878.0	174.02544 (15121808)	175.82231 (17010608)	178.88887 (14121807)	188.14439 (16011207)	192.46620 (15010808)
4215858.0	182.49888 (17010207)	189.99572 (15121808)	188.66488 (14121807)	198.11838 (16011207)	202.95190 (15010808)
4215838.0	194.87412 (14121707)	199.54878 (15121808)	203.92697 (15121808)	207.37547 (14121807)	218.18492 (16011207)
4215818.0	202.89793 (14121707)	211.67231 (14121707)	221.24635 (15121808)	220.68573 (14121807)	233.44789 (16011207)
4215798.0	201.65448 (14121707)	226.61242 (14121707)	233.32472 (17010207)	241.10734 (15121808)	244.47027 (14121807)
4215778.0	222.99554 (14121816)	231.30918 (14121707)	251.74666 (14121707)	261.73002 (15121808)	262.98938 (14121807)
4215758.0	235.36345 (17012307)	251.13730 (14121816)	264.79731 (14121707)	278.33504 (17010207)	290.67013 (15121808)
4215738.0	242.82229 (17012307)	268.54762 (14121816)	285.44141 (14121816)	302.00975 (14121707)	315.20820 (15121808)
4215718.0	231.22998 (17012307)	275.28942 (17012307)	312.92891 (14121816)	326.74803 (14121816)	342.75889 (14121707)
4215698.0	245.84135 (13111908)	264.83524 (17012307)	314.99449 (17012307)	368.23373 (14121816)	376.52271 (14121816)
4215678.0	264.43508 (13111908)	283.68115 (13111908)	306.94140 (17012307)	376.21196 (14121816)	436.70845 (14121816)
4215658.0	253.44956 (13111908)	300.88151 (13111908)	330.80977 (13111908)	360.98373 (17012307)	458.05375 (14121816)
4215638.0	291.90735 (14121608)	297.54134 (14121608)	345.40031 (13111908)	391.08280 (13111908)	445.48542 (14121816)
4215618.0	306.35045 (14121608)	345.87246 (14121608)	370.77790 (14121608)	401.69813 (13111908)	470.22060 (13111908)
4215598.0	330.71962 (13112007)	351.55040 (13112007)	402.98098 (14121608)	459.08906 (14121608)	490.18805 (14121608)
4215578.0	334.69160 (13112007)	390.66596 (13112007)	445.67900 (13112007)	492.07287 (13112007)	565.12896 (14121608)
4215558.0	322.01075 (14121607)	360.23667 (14121607)	419.30654 (13112007)	524.87106 (13112007)	640.29155 (13112007)
4215538.0	363.73417 (14013007)	411.86518 (14013007)	470.57080 (14013007)	544.16832 (14013007)	

636.89926 (14013007)
 4215518.0 | 357.66089 (14013007)   411.18174 (14013007)   481.09854 (14013007)   575.19198 (14013007)
708.18833 (14013007)
 4215498.0 | 305.16762 (14032507)   359.04388 (14032507)   427.04749 (14032507)   514.29295 (14032507)
627.58109 (14032507)
 4215478.0 | 308.84041 (14032507)   343.47256 (14032507)   379.67102 (14032507)   439.81483 (14010909)
677.92393 (14010809)
 4215458.0 | 254.51084 (14010909)   307.31439 (14010809)   456.91730 (14010809)   623.25933 (14010809)
791.44368 (15122508)
 4215438.0 | 337.13681 (14010809)   445.01857 (14010809)   539.28105 (15122508)   647.96578 (15122508)
702.38557 (14010808)
 4215418.0 | 406.91030 (14010809)   480.22386 (15122508)   530.82770 (15122508)   576.34696 (14010808)
595.45448 (14010808)
 4215398.0 | 422.71966 (15122508)   435.69697 (15122508)   483.63759 (14010808)   485.78996 (14010808)
426.32749 (14012909)
 4215378.0 | 382.39991 (14010808)   417.89693 (14010808)   404.25867 (14010808)   357.61503 (14012909)
467.38530 (16112108)
 4215358.0 | 376.92844 (14010808)   351.64233 (14010808)   306.36994 (14012909)   373.74516 (16112108)
461.97315 (16112108)
 4215338.0 | 316.19103 (14010808)   269.43129 (14012909)   301.40236 (16112108)   392.50415 (16112108)
417.78593 (16112108)
 4215318.0 | 241.14153 (14012909)   244.17485 (16112108)   333.36732 (16112108)   376.27998 (16112108)
376.28337 (15112508)
 4215298.0 | 221.43070 (14012909)   285.54726 (16112108)   339.18388 (16112108)   337.36984 (13121808)
344.17882 (15112508)
 4215278.0 | 244.22135 (16112108)   304.83825 (16112108)   320.15447 (16112108)   318.14483 (15112508)
330.07686 (16121307)
 4215258.0 | 266.91167 (16112108)   297.18121 (16112108)   305.10549 (13121808)   297.06275 (15112508)
306.67597 (16121307)
 4215238.0 | 269.69584 (16112108)   279.05562 (13121808)   289.46686 (15112508)   285.44254 (16121307)
286.26280 (14122408)
 4215218.0 | 254.87712 (16112108)   264.95448 (13121808)   266.94510 (15112508)   271.79504 (16121307)
269.98696 (14122408)
 4215198.0 | 245.52712 (13121808)   253.88800 (15112508)   252.20055 (16121307)   252.26320 (14122408)
250.67083 (14122408)
 4215178.0 | 233.29878 (15112508)   234.15180 (15112508)   241.26456 (16121307)   243.24877 (14122408)
235.90107 (14110707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                               INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
               L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
               L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
               L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539144.00   539164.00   539184.00   539204.00
539224.00
 -
- - - - - - - -

 4215158.0 | 224.55531 (15112508)   221.42264 (16121307)   223.81968 (16121307)   227.77657 (14122408)
226.69380 (14110707)
 4215138.0 | 207.91869 (15112508)   213.72193 (16121307)   215.86898 (14122408)   215.32816 (14110707)

213.79673 (13111207)
 4215118.0 | 197.10739 (16121307)   200.92814 (16121307)   205.29712 (14122408)   207.43806 (14110707)
210.89675 (13111207)
 4215098.0 | 192.10843 (16121307)   191.51054 (14122408)   191.32775 (14122408)   196.78544 (14110707)
201.76408 (13111207)
 4215078.0 | 182.28897 (16121307)   184.79764 (14122408)   185.48967 (14110707)   185.30896 (13111207)
192.04972 (13111207)
 4215058.0 | 172.05444 (14122408)   175.29742 (14122408)   179.25559 (14110707)   181.87928 (13111207)
182.51657 (16113007)
 4215038.0 | 168.54610 (14122408)   167.03073 (14110707)   171.66168 (14110707)   176.65235 (13111207)
172.99030 (16113007)
 4215018.0 | 162.34497 (14122408)   164.77939 (14110707)   162.31107 (14110707)   169.94748 (13111207)
165.59372 (16112107)
 4214998.0 | 153.36944 (14122408)   160.31265 (14110707)   159.96766 (13111207)   162.08096 (13111207)
162.40038 (16112107)
 4214978.0 | 150.75650 (14110707)   153.35366 (14110707)   156.64708 (13111207)   153.72828 (16113007)
158.42424 (16112107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                               INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539244.00   539264.00   539284.00   539304.00
539324.00
 -
- - - - - - - -

 4215958.0 | 152.66406 (16122807)   147.77139 (16122807)   155.48790 (17012607)   155.78764 (17012607)
148.45797 (16110807)
 4215938.0 | 162.02501 (15121807)   159.63059 (16122807)   163.39481 (17012607)   166.44185 (17012607)
158.12468 (16110807)
 4215918.0 | 173.44294 (15121807)   172.05667 (16122807)   171.66443 (17012607)   178.10038 (17012607)
168.79355 (16110807)
 4215898.0 | 184.37355 (15121807)   184.71624 (16122807)   180.06895 (17012607)   190.65866 (17012607)
180.51799 (16110807)
 4215878.0 | 194.88139 (16112507)   197.35991 (16122807)   188.52927 (17012607)   204.07548 (17012607)
193.53983 (16110807)
 4215858.0 | 209.08113 (16112507)   212.20619 (15121807)   206.62945 (16122807)   218.68986 (17012607)
207.94049 (16110807)
 4215838.0 | 223.24370 (15010808)   229.26742 (15121807)   226.53825 (16122807)   234.32602 (17012607)
225.94593 (17012607)
 4215818.0 | 240.55176 (15010808)   245.72076 (15121807)   247.42246 (16122807)   251.10029 (17012607)
247.67931 (17012607)
 4215798.0 | 256.23412 (16011207)   265.37536 (16112507)   268.85808 (16122807)   269.17198 (17012607)
272.51297 (17012607)
 4215778.0 | 279.46193 (16011207)   287.29584 (15010808)   294.74895 (15121807)   288.53600 (17012607)
300.97456 (17012607)
 4215758.0 | 297.29447 (16011207)   312.36048 (15010808)   322.75288 (15121807)   318.95698 (16122807)
333.42032 (17012607)
 4215738.0 | 320.55287 (14121807)   341.29982 (16011207)   352.91227 (16112507)   357.97050 (16122807)

370.36620 (17012607)
 4215718.0 | 358.73117 (15121808)   370.67029 (16011207)   389.38977 (15010808)   398.88966 (15121807)
412.33294 (17012607)
 4215698.0 | 389.56113 (17010207)   402.82709 (14121807)   429.13377 (16011207)   450.14561 (15121807)
459.74186 (17012607)
 4215678.0 | 438.72667 (14121816)   456.87983 (15121808)   488.02636 (15120816)   504.19457 (16112507)
512.89003 (17012607)
 4215658.0 | 525.02358 (14121816)   516.30687 (14121816)   533.63733 (15121808)   613.37284 (15120816)
597.27996 (16122807)
 4215638.0 | 566.84185 (14121816)   647.31100 (14121816)   627.85827 (14121816)   724.49149 (15120816)
727.93026 (15120816)
 4215618.0 | 579.54549 (14121816)   719.22920 (14121816)   832.67416 (14121816)   815.57282 (15120816)
995.48658 (15120816)
 4215598.0 | 579.16919 (13111908)   773.57083 (14121816)   950.89591 (14121816)   1146.68783 (14121816)
1232.61631 (15120816)
 4215578.0 | 645.45865 (14121608)   819.38196 (14121816)   1077.28728 (14121816)   1363.55385 (14121816)
1691.56561 (14121816)
 4215558.0 | 747.81387 (13112007)   872.90094 (14121608)   1267.17748 (14121816)   1594.43279 (14121816)
2225.31314 (14121816)
 4215538.0 | 811.59580 (15120916)   1067.93030 (13112007)   1421.74886 (14121816)   1576.98057 (14121816)
1590.93041 (14121816)
 4215518.0 | 908.31184 (14013007)   1237.50413 (14013007)   1971.39241 (14020616)   1565.68848 (13011008)
1712.42285 (14010808)
 4215498.0 | 777.91212 (14032507)   1209.88705 (14010809)   1858.49258 (13011008)   1941.07794 (14010808)
1981.30182 (14010808)
 4215478.0 | 968.82733 (14010809)   1231.80693 (15122508)   1386.27965 (14010808)   1463.26482 (13121808)
1575.93550 (15112508)
 4215458.0 | 893.41181 (15122508)   981.99998 (14010808)   1050.67953 (16112108)   1121.85501 (15112508)
1187.04309 (14110707)
 4215438.0 | 749.71602 (14010808)   772.17275 (16112108)   885.38679 (16112108)   916.73965 (16121307)
961.17826 (13111207)
 4215418.0 | 565.39501 (16112108)   723.54894 (16112108)   749.19549 (15112508)   780.74879 (14122408)
794.78714 (16113007)
 4215398.0 | 583.94400 (16112108)   623.73772 (16112108)   659.92436 (16121307)   664.54718 (13111207)
678.24455 (16112107)
 4215378.0 | 540.56297 (16112108)   550.92682 (15112508)   582.05197 (14122408)   593.05600 (16113007)
588.13887 (16121208)
 4215358.0 | 470.13763 (15112508)   504.75014 (16121307)   511.17660 (14122408)   528.26351 (16113007)
524.67726 (17012507)
 4215338.0 | 427.29313 (15112508)   452.79175 (14122408)   451.16754 (14110707)   465.61247 (16113007)
474.40139 (17012507)
 4215318.0 | 402.18432 (16121307)   413.06904 (14122408)   418.95911 (16113007)   417.37921 (16112107)
429.76910 (17012507)
 4215298.0 | 366.97874 (16121307)   366.38844 (14122408)   386.28421 (16113007)   376.37615 (16121208)
390.84957 (17012507)
 4215278.0 | 341.25069 (14122408)   334.14710 (14110707)   352.14370 (16113007)   344.31175 (16121208)
356.34590 (17012507)
 4215258.0 | 311.76791 (14122408)   314.57409 (16113007)   317.90056 (16113007)   314.21598 (16121208)
325.68984 (17012507)
 4215238.0 | 281.20303 (14110707)   296.98614 (16113007)   291.53824 (16112107)   291.37293 (17012507)
298.40169 (17012507)
 4215218.0 | 260.27378 (14110707)   276.99776 (16113007)   269.43364 (16112107)   273.72248 (17012507)
274.06608 (17012507)
 4215198.0 | 246.47021 (13111207)   256.39159 (16113007)   249.54121 (16121208)   257.51117 (17012507)
252.60169 (17012507)
 4215178.0 | 238.05602 (16113007)   238.57799 (16113007)   238.31697 (16121208)   244.34223 (17012507)
235.59276 (17012507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                               INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,

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                L0000356    , L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    ,
L0000363    ,
                L0000364    , L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    ,
L0000371    ,
                L0000372    , L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539244.00              539264.00              539284.00              539304.00
539324.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215158.0 |    229.48253 (16113007)    226.70853 (16112107)    228.23041 (16121208)    233.08479 (17012507)
221.14045 (17012507)
 4215138.0 |    220.08485 (16113007)    216.16158 (16112107)    215.47582 (16121208)    220.09529 (17012507)
205.45617 (17012507)
 4215118.0 |    208.66789 (16113007)    208.06615 (16112107)    204.37116 (16121208)    208.89203 (17012507)
193.08446 (17012507)
 4215098.0 |    197.06435 (16112107)    198.73581 (16112107)    192.00374 (16121208)    197.40355 (17012507)
180.04934 (17012507)
 4215078.0 |    191.61732 (16112107)    191.20313 (16121208)    181.60938 (17012507)    188.44138 (17012507)
168.18376 (17012507)
 4215058.0 |    186.14331 (16112107)    183.81857 (16121208)    175.77228 (17012507)    179.00707 (17012507)
158.20210 (17012507)
 4215038.0 |    179.03736 (16112107)    176.21170 (16121208)    171.15204 (17012507)    171.36537 (17012507)
149.93487 (17012507)
 4215018.0 |    171.40853 (16112107)    168.48584 (16121208)    165.80913 (17012507)    163.60213 (17012507)
144.04247 (16111408)
 4214998.0 |    163.41920 (16112107)    161.43731 (16121208)    160.11297 (17012507)    155.86897 (17012507)
138.73951 (16111408)
 4214978.0 |    158.47763 (16121208)    153.65683 (16121208)    154.55452 (17012507)    148.56951 (17012507)
133.24542 (16111408)
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  17:02:24

  PAGE 393
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CON3
***
                                INCLUDING SOURCE(S):     L0000351    , L0000352    , L0000353    , L0000354    ,
L0000355    ,
                L0000356    , L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    ,
L0000363    ,
                L0000364    , L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    ,
L0000371    ,
                L0000372    , L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539344.00              539364.00              539384.00              539404.00
539424.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215958.0 |    137.13055 (13110607)    133.66575 (14120907)    147.75890 (14120907)    147.09484 (14012407)
145.49978 (15122108)
 4215938.0 |    146.17071 (13110607)    143.47407 (14120907)    157.41469 (14120907)    155.41417 (14012407)
```

153.79810 (15122108)
 4215918.0 | 156.29512 (13110607)   154.33668 (14120907)   167.98451 (14120907)   164.13851 (14012407)
162.29669 (15122108)
 4215898.0 | 167.57266 (13110607)   166.54751 (14120907)   179.58168 (14120907)   174.91161 (15122108)
170.89430 (15122108)
 4215878.0 | 180.26350 (13110607)   180.34222 (14120907)   192.52027 (14120907)   188.67313 (15122108)
181.99201 (15113008)
 4215858.0 | 194.62815 (13110607)   195.84016 (14120907)   206.81215 (14120907)   203.39645 (15122108)
197.81468 (15113008)
 4215838.0 | 210.91062 (13110607)   213.43534 (14120907)   222.64748 (14120907)   219.26681 (15122108)
214.13735 (15113008)
 4215818.0 | 229.67549 (13110607)   233.64068 (14120907)   241.59619 (14012407)   236.16504 (15122108)
231.68793 (14012807)
 4215798.0 | 251.48078 (13110607)   256.89390 (14120907)   262.64001 (14012407)   253.88421 (15122108)
253.86124 (14012807)
 4215778.0 | 276.97867 (16110807)   283.87408 (14120907)   286.25558 (14012407)   278.19509 (15113008)
275.71153 (14012807)
 4215758.0 | 308.05962 (16110807)   315.48188 (14120907)   315.07134 (15122108)   308.87863 (15113008)
301.82308 (17011707)
 4215738.0 | 345.14272 (16110807)   352.92457 (14120907)   351.87973 (15122108)   344.22809 (14012807)
337.96971 (17011707)
 4215718.0 | 389.92355 (16110807)   397.91890 (14120907)   394.15107 (15122108)   386.44867 (14012807)
370.60033 (17011707)
 4215698.0 | 444.73765 (16110807)   452.93354 (14120907)   442.92077 (15122108)   433.46869 (17011707)
425.21033 (15120207)
 4215678.0 | 512.95558 (16110807)   522.08436 (14120907)   507.95079 (15113008)   499.94217 (17011707)
483.88291 (16111007)
 4215658.0 | 610.33169 (17012607)   612.14173 (14120907)   598.67744 (14012807)   579.60712 (15120207)
549.96147 (15011907)
 4215638.0 | 737.62528 (17012607)   735.50752 (14120907)   714.42426 (14012807)   688.03139 (16111007)
635.75891 (16121408)
 4215618.0 | 904.21018 (17012607)   918.14793 (14120907)   877.20443 (17011707)   821.24734 (15011907)
729.23972 (16012908)
 4215598.0 | 1362.29229 (15120816)   1220.39986 (14120907)   1175.94689 (13112109)   985.96941 (16012908)
836.35375 (15112608)
 4215578.0 | 1999.89881 (15120816)   1953.89727 (13112109)   1510.37925 (13111508)   1159.52665 (15112608)
955.92222 (17012008)
 4215558.0 | 1871.64793 (15120816)   1743.61925 (13112109)   1872.73664 (15011308)   1348.84972 (15011308)
1016.67355 (15011308)
 4215538.0 | 1890.79625 (14121816)   1815.32580 (15011308)   1840.13779 (15012007)   1519.91237 (15012007)
1125.96961 (15012007)
 4215518.0 | 1624.53447 (13111808)   1775.47312 (13111808)   1934.38295 (13111808)   1708.09529 (13111808)
1229.27270 (13111808)
 4215498.0 | 1780.82333 (13111207)   1651.68621 (16121207)   1994.87806 (16011507)   1528.05317 (17011208)
1100.15683 (17011208)
 4215478.0 | 1642.13376 (16121208)   1653.30031 (16121207)   1615.56562 (16120107)   1144.92104 (13011107)
892.00400 (17011208)
 4215458.0 | 1195.09746 (16121208)   1209.19100 (16121207)   1194.22065 (15012109)   1060.79294 (16011507)
803.24702 (13011107)
 4215438.0 | 948.37569 (17012507)   956.56042 (16121207)   964.12547 (15012109)   883.89899 (16011507)
715.46607 (16011507)
 4215418.0 | 794.82207 (17012507)   793.26225 (13010807)   804.21110 (15012109)   765.05772 (15120707)
695.12598 (16011507)
 4215398.0 | 676.05253 (17012507)   683.66792 (13010807)   684.80507 (15012109)   653.99585 (16112308)
613.60541 (16011507)
 4215378.0 | 580.32043 (17012507)   598.39919 (13010807)   596.73624 (14122407)   572.95211 (13122708)
560.90616 (15120707)
 4215358.0 | 503.48596 (17012507)   530.62268 (13010807)   525.68018 (14122407)   514.11991 (15111007)
502.37414 (15120707)
 4215338.0 | 442.85710 (14012108)   475.15029 (13010807)   464.86438 (14122407)   466.87426 (15012109)
448.20029 (16112308)
 4215318.0 | 398.92414 (14012108)   428.29043 (13010807)   410.62671 (14122407)   424.09321 (15012109)
404.20490 (13122708)
 4215298.0 | 361.56081 (14012108)   388.41932 (13010807)   372.88303 (13120208)   384.69601 (14122407)
370.28422 (15111007)
 4215278.0 | 329.47293 (14012108)   354.03226 (13010807)   339.94469 (13120208)   353.44712 (14122407)
343.56044 (15111007)
 4215258.0 | 301.68801 (14012108)   323.79643 (13010807)   310.41388 (13120208)   323.34769 (14122407)
319.02460 (15012109)

 4215238.0 | 277.21867 (14012108)   299.16542 (14012108)   290.19196 (13010807)   294.69509 (14122407)
297.16149 (15012109)
 4215218.0 | 255.97450 (14012108)   277.48882 (14012108)   271.87989 (13010807)   267.70680 (14122407)
274.58216 (15012109)
 4215198.0 | 237.85291 (15010809)   258.23495 (14012108)   255.15687 (13010807)   245.12632 (13120208)
257.54075 (14122407)
 4215178.0 | 222.04924 (15010809)   241.03392 (14012108)   239.66047 (13010807)   230.27669 (13120208)
240.89649 (14122407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                                INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539344.00   539364.00   539384.00   539404.00
539424.00
 -
- - - - - - - -

 4215158.0 | 208.91472 (15010809)   225.42724 (14012108)   225.58226 (13010807)   216.01405 (13120208)
224.23420 (14122407)
 4215138.0 | 197.11234 (15010809)   211.95772 (14012108)   212.60896 (13010807)   202.47146 (13120208)
207.63771 (14122407)
 4215118.0 | 186.57843 (15010809)   200.07336 (14012108)   200.94596 (13010807)   189.66703 (13120208)
191.73615 (14122407)
 4215098.0 | 177.22813 (15010809)   190.18265 (14012108)   191.38072 (13010807)   177.85075 (13120208)
176.56065 (14122407)
 4215078.0 | 167.78176 (15010809)   180.68965 (14012108)   183.01568 (13010807)   170.08265 (13010807)
168.05010 (13120208)
 4215058.0 | 160.54063 (15010809)   172.45479 (14012108)   174.85847 (13010807)   164.58238 (13010807)
161.60827 (13120208)
 4215038.0 | 155.01453 (15010809)   164.40690 (14012108)   165.83730 (13010807)   159.28134 (13010807)
155.14601 (13120208)
 4215018.0 | 148.24478 (15010809)   157.74359 (14012108)   158.24768 (13010807)   153.03846 (13010807)
148.77000 (13120208)
 4214998.0 | 143.34164 (15010809)   150.71372 (14012108)   150.37277 (13010807)   148.48341 (13010807)
142.59731 (13120208)
 4214978.0 | 138.09206 (15010809)   144.80279 (14012108)   143.33443 (16121207)   142.67127 (13010807)
137.02096 (13120208)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                                INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,

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                L0000356    , L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    ,
L0000363    ,
                L0000364    , L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    ,
L0000371    ,
                L0000372    , L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539444.00              539464.00              539484.00              539504.00
539524.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215958.0 |    140.52734 (15113008)    141.10836 (14012807)    136.32847 (15012808)    137.21783 (17011707)
129.99265 (17010908)
 4215938.0 |    150.41438 (15113008)    150.18456 (14012807)    146.09377 (15012808)    143.92149 (17011707)
139.89777 (15120207)
 4215918.0 |    160.43867 (15113008)    158.75832 (14012807)    156.36999 (17011707)    148.83549 (17011707)
151.02803 (15120207)
 4215898.0 |    170.31253 (14012807)    166.44952 (14012807)    166.70370 (17011707)    160.00875 (17010908)
159.96846 (15120207)
 4215878.0 |    183.85217 (14012807)    179.16083 (15012808)    174.92324 (17011707)    173.85987 (15120207)
170.73450 (16111007)
 4215858.0 |    197.16130 (14012807)    193.72310 (17011707)    184.75136 (17010908)    186.05238 (15120207)
180.56056 (15011608)
 4215838.0 |    209.47841 (14012807)    207.38472 (17011707)    202.68899 (15120207)    199.54484 (16111007)
191.95536 (13012307)
 4215818.0 |    226.63735 (15012808)    218.25934 (17011707)    219.57040 (15120207)    212.24120 (13012307)
205.76815 (15011907)
 4215798.0 |    248.48243 (17011707)    240.01898 (15120207)    237.31105 (16111007)    226.79579 (17011708)
218.50869 (15011907)
 4215778.0 |    268.79220 (17011707)    264.70154 (15120207)    255.48365 (13012307)    246.73018 (15011907)
235.92152 (16121408)
 4215758.0 |    292.02930 (17010908)    289.47588 (16111007)    276.52497 (17011708)    264.81479 (16121408)
250.74308 (14012707)
 4215738.0 |    329.03057 (15120207)    315.74171 (13012307)    300.81822 (15011907)    284.75683 (14012707)
255.34565 (14012707)
 4215718.0 |    365.92738 (16111007)    348.05381 (15011907)    328.77027 (16121408)    298.39119 (14012707)
293.15472 (16012908)
 4215698.0 |    405.09327 (13012307)    383.42839 (16121408)    352.12370 (14012707)    337.13395 (16012908)
310.29899 (16012908)
 4215678.0 |    454.93623 (15011907)    420.56830 (14012707)    393.74300 (16012908)    360.15400 (16012908)
326.09403 (15112608)
 4215658.0 |    508.99509 (14012707)    469.38199 (16012908)    425.20681 (16012908)    378.01316 (15112608)
325.60768 (17012008)
 4215638.0 |    573.99235 (16012908)    513.45084 (16012908)    445.22429 (15112608)    406.47004 (17012008)
384.79588 (17012008)
 4215618.0 |    640.48889 (15112608)    533.20870 (15112608)    508.29644 (17012008)    450.10153 (17012008)
401.69658 (15011308)
 4215598.0 |    707.58324 (17012008)    629.83304 (17012008)    542.96881 (15011308)    467.62461 (15011308)
384.02380 (15011308)
 4215578.0 |    792.28866 (15011308)    654.41695 (15011308)    524.79155 (15012007)    485.97061 (15012007)
441.85850 (15012007)
 4215558.0 |    843.71342 (15012007)    719.18551 (15012007)    608.96490 (15012007)    511.49535 (15012007)
427.28117 (15012007)
 4215538.0 |    851.49932 (15012007)    692.46402 (15122507)    594.46894 (15122507)    517.04713 (15122507)
454.57621 (15122507)
 4215518.0 |    954.19955 (13111808)    775.07805 (13111808)    649.11549 (13111808)    554.74684 (13111808)
481.61854 (13111808)
 4215498.0 |    799.36181 (17011208)    593.19070 (13111808)    515.01811 (13111808)    454.38053 (13111808)
405.62494 (13111808)
 4215478.0 |    800.51976 (17011208)    679.78762 (17011208)    558.22339 (17011208)    448.75075 (17011208)
355.65064 (17011208)
 4215458.0 |    633.11522 (13011107)    542.25615 (17011208)    520.80271 (17011208)    474.19482 (17011208)
415.93639 (17011208)
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 4215438.0 | 610.60925 (13011107)   507.26165 (13011107)   408.37415 (15122408)   376.74295 (17011208)
373.61466 (17011208)
 4215418.0 | 552.86386 (17012308)   485.87508 (13011107)   419.11923 (13011107)   330.58503 (15122408)
303.70811 (15122408)
 4215398.0 | 532.25565 (16011507)   455.92208 (17012308)   399.18341 (13011107)   354.46846 (13011107)
284.89894 (13011107)
 4215378.0 | 515.31685 (16011507)   414.26435 (13112207)   384.31100 (17012308)   335.98992 (13011107)
305.28106 (13011107)
 4215358.0 | 463.03204 (16011507)   421.77492 (16011507)   351.60006 (13112207)   329.63568 (17012308)
288.71229 (17012308)
 4215338.0 | 434.16302 (15120707)   405.19282 (16011507)   340.36329 (16011507)   301.14779 (13112207)
286.95322 (17012308)
 4215318.0 | 401.71021 (15120707)   365.57553 (16011507)   346.63267 (16011507)   282.73312 (13112207)
260.11750 (13112207)
 4215298.0 | 364.80579 (16112308)   348.71735 (15120707)   329.83775 (16011507)   292.01716 (16011507)
251.24954 (13112207)
 4215278.0 | 329.96138 (16112308)   330.09277 (15120707)   297.41730 (16011507)   291.35610 (16011507)
243.56594 (16011507)
 4215258.0 | 306.08024 (13122708)   302.56992 (16112308)   289.05614 (15120707)   274.66802 (16011507)
253.26948 (16011507)
 4215238.0 | 285.30753 (13122708)   280.77832 (16112308)   277.72605 (15120707)   247.32993 (16011507)
248.64396 (16011507)
 4215218.0 | 268.16559 (15111007)   254.64867 (16112308)   258.70505 (15120707)   244.95305 (15120707)
232.68823 (16011507)
 4215198.0 | 250.76880 (15111007)   243.42410 (13122708)   242.00668 (16112308)   237.86614 (15120707)
209.19252 (16011507)
 4215178.0 | 237.46801 (15012109)   229.38151 (13122708)   223.87487 (16112308)   224.32968 (15120707)
210.94377 (15120707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                               INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539444.00   539464.00   539484.00   539504.00
539524.00
 -
- - - - - - - -

 4215158.0 | 223.96308 (15012109)   217.18351 (15111007)   207.63871 (13122708)   210.36281 (16112308)
206.46043 (15120707)
 4215138.0 | 209.48393 (15012109)   205.78601 (15111007)   199.82629 (13122708)   197.71802 (16112308)
196.79769 (15120707)
 4215118.0 | 198.39980 (14122407)   194.14937 (15012109)   189.45567 (13122708)   182.34826 (16112308)
184.50420 (16112308)
 4215098.0 | 188.10240 (14122407)   185.89551 (15012109)   180.00078 (15111007)   173.83775 (13122708)
175.83608 (16112308)
 4215078.0 | 177.48418 (14122407)   176.51957 (15012109)   172.37131 (15111007)   167.86747 (13122708)
164.49831 (16112308)
 4215058.0 | 166.78125 (14122407)   166.51275 (15012109)   163.42217 (15111007)   160.06269 (13122708)
151.52395 (13122708)

 4215038.0 | 156.31940 (14122407)   158.75057 (14122407)   156.74245 (15012109)   152.52120 (15111007)
148.49843 (13122708)
 4215018.0 | 146.26686 (14122407)   152.23256 (14122407)   150.68398 (15012109)   147.05842 (15111007)
143.70569 (13122708)
 4214998.0 | 137.68559 (13120208)   146.20275 (14122407)   144.08269 (15012109)   140.61024 (15111007)
137.53275 (13122708)
 4214978.0 | 136.50409 (13120208)   140.17150 (14122407)   137.92519 (15012109)   134.01279 (15012109)
131.30587 (15111007)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                                INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539544.00   539564.00   539584.00   539604.00
539624.00
 -
- - - - - - - -

 4215958.0 | 132.75896 (15120207)   130.40613 (16111007)   126.89296 (13012307)   123.45794 (17011708)
120.19266 (15011907)
 4215938.0 | 139.46239 (15120207)   136.35757 (15011608)   131.82696 (13012307)   129.95565 (15011907)
124.76354 (16121408)
 4215918.0 | 148.21887 (16111007)   143.69132 (13012307)   139.48498 (15011907)   133.74588 (15011907)
131.51212 (16121408)
 4215898.0 | 155.74549 (15011608)   150.65800 (17011708)   146.88314 (15011907)   142.22623 (16121408)
136.39086 (14012707)
 4215878.0 | 165.06091 (13012307)   160.51621 (15011907)   153.72424 (16121408)   147.50693 (16121408)
140.88224 (14012707)
 4215858.0 | 174.73808 (17011708)   167.48503 (15011907)   162.80698 (16121408)   155.06699 (14012707)
139.01573 (14012707)
 4215838.0 | 186.49347 (15011907)   179.40381 (16121408)   170.92534 (14012707)   155.26449 (14012707)
152.82208 (16012908)
 4215818.0 | 197.10659 (16121408)   188.43069 (14012707)   174.08023 (14012707)   166.64851 (16012908)
167.91802 (16012908)
 4215798.0 | 209.46217 (16121408)   195.94102 (14012707)   182.64358 (16012908)   184.91591 (16012908)
172.79020 (16012908)
 4215778.0 | 221.40756 (14012707)   201.30878 (16012908)   204.97671 (16012908)   191.07596 (16012908)
179.86187 (15112608)
 4215758.0 | 223.30605 (16012908)   228.93112 (16012908)   212.82985 (16012908)   199.51228 (15112608)
182.20044 (15112608)
 4215738.0 | 257.92463 (16012908)   239.04194 (16012908)   222.71074 (15112608)   200.16886 (15112608)
179.09019 (13012907)
 4215718.0 | 271.09304 (16012908)   250.69523 (15112608)   220.94348 (15112608)   200.35348 (13012907)
199.69779 (17012008)
 4215698.0 | 284.58056 (15112608)   244.85475 (15112608)   228.96286 (17012008)   230.82369 (17012008)
219.81992 (17012008)
 4215678.0 | 277.92690 (13012907)   273.06761 (17012008)   265.02590 (17012008)   243.12330 (17012008)
220.62880 (15011308)
 4215658.0 | 325.22526 (17012008)   301.84877 (17012008)   266.86432 (15011308)   252.88348 (15011308)
230.44318 (15011308)

 4215638.0 | 338.74951 (17012008)   312.86042 (15011308)   281.34278 (15011308)   244.23280 (15011308)
205.95254 (15011308)
 4215618.0 | 354.78309 (15011308)   300.63016 (15011308)   246.68171 (15011308)   237.76900 (15012007)
232.20204 (15012007)
 4215598.0 | 335.86744 (15012007)   321.93797 (15012007)   303.14346 (15012007)   281.20282 (15012007)
257.97657 (15012007)
 4215578.0 | 395.90220 (15012007)   351.09861 (15012007)   308.83212 (15012007)   270.28174 (15012007)
235.82584 (15012007)
 4215558.0 | 356.11297 (15012007)   297.09069 (15012007)   252.75556 (15122507)   234.89155 (15122507)
219.07378 (15122507)
 4215538.0 | 403.49498 (15122507)   360.92565 (15122507)   325.15779 (15122507)   294.84788 (15122507)
269.13021 (15122507)
 4215518.0 | 423.39510 (13111808)   375.97783 (13111808)   336.73181 (13111808)   303.98338 (13111808)
276.11037 (13111808)
 4215498.0 | 365.38104 (13111808)   331.45880 (13111808)   302.52557 (13111808)   277.44351 (13111808)
255.58407 (13111808)
 4215478.0 | 279.50967 (17011208)   218.68388 (17011208)   208.75270 (13111808)   198.96954 (13111808)
189.50507 (13111808)
 4215458.0 | 355.27173 (17011208)   297.73926 (17011208)   246.22152 (17011208)   201.76080 (17011208)
164.35133 (17011208)
 4215438.0 | 353.76561 (17011208)   323.47213 (17011208)   287.95912 (17011208)   251.20863 (17011208)
215.86887 (17011208)
 4215418.0 | 281.78737 (17011208)   284.60600 (17011208)   276.15589 (17011208)   259.58764 (17011208)
237.98631 (17011208)
 4215398.0 | 260.22947 (15122408)   235.25709 (15122408)   221.00220 (17011208)   225.68384 (17011208)
222.60360 (17011208)
 4215378.0 | 253.87155 (13011107)   221.35412 (15122408)   209.64312 (15122408)   187.84902 (15122408)
179.17297 (17011208)
 4215358.0 | 266.51488 (13011107)   227.78953 (13011107)   188.06052 (17011207)   184.73569 (15122408)
172.26975 (15122408)
 4215338.0 | 252.08815 (17012308)   235.23359 (13011107)   205.58296 (13011107)   171.24222 (17011207)
161.76987 (15122408)
 4215318.0 | 252.60412 (17012308)   222.63054 (17012308)   209.55150 (13011107)   186.62455 (13011107)
157.33211 (13011107)
 4215298.0 | 231.58913 (17012308)   224.56055 (17012308)   198.69218 (17012308)   188.24732 (13011107)
170.32062 (13011107)
 4215278.0 | 223.86230 (13112207)   208.78084 (17012308)   201.43760 (17012308)   178.86889 (17012308)
170.30127 (13011107)
 4215258.0 | 208.80696 (13123107)   200.15262 (13112207)   189.44075 (17012308)   182.03382 (17012308)
162.23077 (17012308)
 4215238.0 | 217.82402 (16011507)   189.81932 (13112207)   179.65054 (13112207)   172.85241 (17012308)
165.58358 (17012308)
 4215218.0 | 221.61794 (16011507)   185.94973 (16011507)   173.68682 (13112207)   161.84139 (13112207)
158.48835 (17012308)
 4215198.0 | 214.75626 (16011507)   195.22570 (16011507)   162.39270 (13123107)   159.07463 (13112207)
146.30549 (13112207)
 4215178.0 | 199.74403 (16011507)   195.27845 (16011507)   170.58837 (16011507)   150.19439 (13123107)
145.86475 (13112207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                                INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
                L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
                L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
                L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |      539544.00              539564.00              539584.00              539604.00
539624.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215158.0 |    181.66502 (15120707)   187.37158 (16011507)   175.46407 (16011507)   148.16879 (16011507)
139.02583 (13112207)
 4215138.0 |    184.29378 (15120707)   173.50977 (16011507)   173.23456 (16011507)   156.34176 (16011507)
130.72941 (13123107)
 4215118.0 |    181.60549 (15120707)   160.47715 (15120707)   164.95364 (16011507)   158.31674 (16011507)
138.35931 (16011507)
 4215098.0 |    174.51521 (15120707)   163.10123 (15120707)   152.17739 (16011507)   154.62719 (16011507)
143.33962 (16011507)
 4215078.0 |    164.07761 (15120707)   161.45252 (15120707)   143.12716 (15120707)   146.29486 (16011507)
143.27114 (16011507)
 4215058.0 |    157.33481 (16112308)   156.12965 (15120707)   145.65815 (15120707)   134.56334 (16011507)
138.70871 (16011507)
 4215038.0 |    148.92242 (16112308)   147.91321 (15120707)   144.59822 (15120707)   128.68094 (15120707)
130.54062 (16011507)
 4215018.0 |    138.84146 (16112308)   141.45871 (16112308)   140.56887 (15120707)   131.01707 (15120707)
119.80823 (16011507)
 4214998.0 |    131.37834 (13122708)   135.23117 (16112308)   134.10631 (15120707)   130.49297 (15120707)
116.52905 (15120707)
 4214978.0 |    128.76447 (13122708)   127.45905 (16112308)   127.81033 (16112308)   127.44862 (15120707)
118.70070 (15120707)
```


*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***

INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                                  X-COORD (METERS)
  (METERS) |      539644.00              539664.00              539684.00              539704.00
539724.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215958.0 |    117.01765 (16121408)   112.26953 (14012707)   108.23120 (14012707)    98.48188 (14012707)
95.78660 (16012908)
 4215938.0 |    121.23092 (16121408)   116.80461 (14012707)   107.29393 (14012707)   101.54454 (16012908)
105.98376 (16012908)
 4215918.0 |    126.21524 (14012707)   117.12343 (14012707)   107.68619 (16012908)   113.12764 (16012908)
112.59248 (16012908)
 4215898.0 |    128.21602 (14012707)   114.55084 (16012908)   121.00121 (16012908)   120.70158 (16012908)
114.13374 (16012908)
 4215878.0 |    124.93174 (14012707)   130.21256 (16012908)   129.97594 (16012908)   122.61173 (16012908)
116.31257 (15112608)
 4215858.0 |    140.77764 (16012908)   140.79773 (16012908)   132.47604 (16012908)   125.64070 (15112608)
121.14929 (15112608)
```

 4215838.0 | 153.36710 (16012908)   144.04118 (16012908)   136.33401 (15112608)   130.35671 (15112608)
118.86977 (15112608)
 4215818.0 | 157.39527 (16012908)   148.77183 (15112608)   140.89035 (15112608)   126.86152 (15112608)
116.64907 (13012907)
 4215798.0 | 163.13652 (15112608)   152.90509 (15112608)   135.72135 (15112608)   127.37434 (13012907)
119.73563 (13012907)
 4215778.0 | 166.57215 (15112608)   145.55061 (15112608)   139.00289 (13012907)   135.58845 (17012008)
137.45453 (17012008)
 4215758.0 | 160.36184 (13012907)   151.83323 (13012907)   153.95084 (17012008)   152.70998 (17012008)
145.95364 (17012008)
 4215738.0 | 172.23885 (17012008)   174.37156 (17012008)   168.69572 (17012008)   157.14034 (17012008)
141.72839 (17012008)
 4215718.0 | 196.46581 (17012008)   184.83949 (17012008)   167.21386 (17012008)   160.24398 (15011308)
153.59001 (15011308)
 4215698.0 | 199.85774 (17012008)   186.38547 (15011308)   178.10891 (15011308)   165.28875 (15011308)
149.83185 (15011308)
 4215678.0 | 209.93100 (15011308)   193.25609 (15011308)   173.22473 (15011308)   151.81780 (15011308)
130.62332 (15011308)
 4215658.0 | 203.54528 (15011308)   175.31459 (15011308)   148.07191 (15011308)   140.53300 (15012007)
141.97370 (15012007)
 4215638.0 | 178.71752 (15012007)   179.49483 (15012007)   177.39133 (15012007)   173.00525 (15012007)
166.89604 (15012007)
 4215618.0 | 223.12491 (15012007)   211.77789 (15012007)   198.79718 (15012007)   185.42916 (15012007)
171.80677 (15012007)
 4215598.0 | 234.68611 (15012007)   212.29911 (15012007)   191.04479 (15012007)   171.68074 (15012007)
153.92270 (15012007)
 4215578.0 | 205.58078 (15012007)   179.04239 (15012007)   156.10195 (15012007)   136.40853 (15012007)
120.98481 (15122507)
 4215558.0 | 204.67368 (15122507)   191.67941 (15122507)   180.07763 (15122507)   169.82496 (15122507)
160.46086 (15122507)
 4215538.0 | 246.74376 (15122507)   227.27293 (15122507)   210.39442 (15122507)   195.82050 (15122507)
182.86466 (15122507)
 4215518.0 | 252.23953 (13111808)   231.61025 (13111808)   213.75072 (13111808)   198.27500 (13111808)
184.50500 (13111808)
 4215498.0 | 236.39276 (13111808)   219.53507 (13111808)   204.45593 (13111808)   191.16487 (13111808)
179.22784 (13111808)
 4215478.0 | 180.51908 (13111808)   171.90675 (13111808)   163.75221 (13111808)   156.19491 (13111808)
149.01056 (13111808)
 4215458.0 | 133.47294 (17011208)   111.90042 (13111808)   110.34474 (13111808)   108.49767 (13111808)
106.40171 (13111808)
 4215438.0 | 183.39473 (17011208)   154.52686 (17011208)   129.45675 (17011208)   108.07620 (17011208)
90.35998 (16121608)
 4215418.0 | 213.89550 (17011208)   189.27009 (17011208)   165.50591 (17011208)   143.33934 (17011208)
123.25186 (17011208)
 4215398.0 | 213.42505 (17011208)   199.94753 (17011208)   183.88103 (17011208)   166.52363 (17011208)
148.96191 (17011208)
 4215378.0 | 184.29148 (17011208)   183.90898 (17011208)   178.92060 (17011208)   170.43243 (17011208)
159.52662 (17011208)
 4215358.0 | 153.64485 (15122408)   148.91355 (17011208)   153.91944 (17011208)   154.89565 (17011208)
152.41363 (17011208)
 4215338.0 | 156.02053 (15122408)   144.01609 (15122408)   128.12329 (15122408)   126.15933 (17011208)
130.84643 (17011208)
 4215318.0 | 141.20414 (15122408)   140.09548 (15122408)   133.18777 (15122408)   122.07671 (15122408)
108.45768 (15122408)
 4215298.0 | 146.45359 (13011107)   128.78156 (17011207)   125.05601 (15122408)   121.95481 (15122408)
114.74507 (15122408)
 4215278.0 | 156.15309 (13011107)   136.53683 (13011107)   120.02539 (17011207)   111.19720 (15122408)
110.87419 (15122408)
 4215258.0 | 155.00338 (13011107)   143.73411 (13011107)   127.51378 (13011107)   111.71730 (17011207)
100.72774 (17011207)
 4215238.0 | 148.02563 (17012308)   141.81158 (13011107)   132.79948 (13011107)   119.30818 (13011107)
103.98052 (17011207)
 4215218.0 | 151.44511 (17012308)   135.81217 (17012308)   130.36513 (13011107)   123.13839 (13011107)
111.87429 (13011107)
 4215198.0 | 145.99851 (17012308)   139.23206 (17012308)   125.20970 (17012308)   120.36081 (13011107)
114.54554 (13011107)
 4215178.0 | 133.58214 (17012308)   135.04486 (17012308)   128.57486 (17012308)   115.94640 (17012308)
111.55554 (13011107)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3 ***

INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 , L0000355 ,
L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 ,
L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539644.00	539664.00	539684.00	539704.00	539724.00
4215158.0	133.99281 (13112207)	124.69986 (17012308)	125.36891 (17012308)	119.22666 (17012308)	107.78697 (17012308)
4215138.0	129.59971 (13112207)	123.32073 (13112207)	116.75118 (17012308)	116.80177 (17012308)	110.96451 (17012308)
4215118.0	122.75431 (13123107)	120.79571 (13112207)	113.71585 (13112207)	109.56412 (17012308)	109.15051 (17012308)
4215098.0	121.83505 (16011507)	115.07210 (13123107)	112.64072 (13112207)	105.03720 (13112207)	103.04577 (17012308)
4215078.0	128.83549 (16011507)	108.13709 (16110107)	107.77651 (13123107)	105.07666 (13112207)	97.20091 (13112207)
4215058.0	131.49261 (16011507)	115.13877 (16011507)	102.54808 (13123107)	101.64897 (13112207)	98.10321 (13112207)
4215038.0	130.02202 (16011507)	119.75510 (16011507)	102.44658 (16011507)	97.14508 (13123107)	95.87479 (13112207)
4215018.0	124.97789 (16011507)	120.73653 (16011507)	108.42146 (16011507)	92.54242 (16110107)	91.91406 (13123107)
4214998.0	117.14708 (16011507)	118.35661 (16011507)	111.26768 (16011507)	97.68621 (16011507)	87.15837 (13123107)
4214978.0	107.35272 (16011507)	113.13037 (16011507)	111.05590 (16011507)	101.89006 (16011507)	87.69200 (16011507)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CON3 ***

INCLUDING SOURCE(S): L0000351 , L0000352 , L0000353 , L0000354 , L0000355 ,
L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 ,
L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 ,
L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	873.19001	(17012507)	539351.84	4215428.70	850.69703	(16121207)
539361.84	4215428.70	875.23189	(16121207)	539371.84	4215428.70	862.37599	(13120208)
539381.84	4215428.70	885.90422	(15012109)	539341.84	4215438.70	954.74039	(17012507)
539351.84	4215438.70	936.99393	(16121207)	539361.84	4215438.70	965.07215	(16121207)
539371.84	4215438.70	953.12616	(13120208)	539381.84	4215438.70	978.86104	(15012109)
539341.84	4215448.70	1070.02580	(16121208)	539351.84	4215448.70	1042.44807	(16121207)
539361.84	4215448.70	1075.19818	(16121207)	539371.84	4215448.70	1067.70096	(13120208)
539381.84	4215448.70	1093.36224	(15012109)	539341.84	4215458.70	1215.02653	(16121208)
539351.84	4215458.70	1174.40295	(16121207)	539361.84	4215458.70	1213.35853	(16121207)
539371.84	4215458.70	1220.72682	(15012109)	539381.84	4215458.70	1235.11137	(15012109)
539341.84	4215468.70	1408.69125	(16112107)	539351.84	4215468.70	1343.85969	(16121207)
539361.84	4215468.70	1393.13352	(16121207)	539371.84	4215468.70	1434.19187	(15012109)
539381.84	4215468.70	1408.66996	(15012109)	539113.88	4215517.52	295.37350	(14013007)
539096.52	4215515.99	264.46227	(14013007)	539108.26	4215501.18	227.34998	(14013007)
539096.01	4215500.67	212.34397	(14013007)	539108.26	4215486.38	252.13570	(14032507)
539094.47	4215485.36	232.42555	(14032507)	539135.32	4215461.36	250.18682	(14032507)
539150.13	4215439.91	358.79784	(14010809)	539114.39	4215452.68	210.03336	(14032507)
539123.07	4215439.40	228.29099	(14010809)	539159.32	4215421.02	454.55833	(15122508)
539145.02	4215416.43	410.53569	(14010809)	539134.30	4215410.81	386.12727	(14010809)
539131.75	4215425.11	344.76709	(14010809)	539206.80	4215383.75	376.57212	(14010808)
539215.99	4215372.52	423.56975	(16112108)	539188.93	4215382.22	418.30109	(14010808)
539176.17	4215379.67	421.48460	(14010808)	539165.44	4215376.09	414.04476	(14010808)
539248.79	4215356.71	476.24138	(15112508)	539243.45	4215348.45	451.54141	(15112508)
539265.58	4215345.25	469.30071	(16121307)	539260.78	4215338.05	451.34568	(16121307)
539256.25	4215351.38	476.03301	(16121307)	539272.77	4215331.92	442.05026	(14122408)
539264.78	4215324.99	428.21606	(14122408)	539280.77	4215321.79	416.98128	(16113007)
539279.97	4215307.14	395.60754	(16113007)	539287.97	4215313.80	416.38763	(16113007)
539297.83	4215304.74	390.25404	(16112107)	539289.56	4215296.21	381.65208	(16113007)
539311.15	4215287.68	360.42788	(17012507)	539303.69	4215281.28	349.36888	(16121208)
539303.69	4215296.21	373.31697	(16121208)	539314.25	4215271.79	344.23080	(17012507)
539329.09	4215260.48	322.52910	(17012507)	539339.69	4215237.16	271.76560	(15010809)
539357.36	4215232.92	292.33990	(14012108)	539394.11	4215199.70	248.55382	

(13120208)
       539044.99   4215579.21   188.61840 (14121607)   539034.39   4215591.93   167.67714
(14121607)
       539054.88   4215556.59   202.99712 (14013007)   539058.42   4215538.92   233.86464
(14013007)
       539054.88   4215520.55   223.30618 (14013007)   539082.44   4215477.44   222.08893
(14032507)
       539073.96   4215466.13   212.12618 (14032507)   539098.70   4215440.69   187.93254
(14010909)
       539109.30   4215426.56   244.84823 (14010809)   539117.07   4215415.96   323.17909
(14010809)
       539125.55   4215401.11   370.83003 (15122508)   539158.77   4215367.19   391.72143
(14010808)
       539150.29   4215357.30   370.33838 (14010808)   539184.21   4215339.63   298.63281
(16112108)
       539222.37   4215324.79   383.74536 (13121808)   539243.58   4215317.72   401.20132
(16121307)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CON3
***
                              INCLUDING SOURCE(S):   L0000351   , L0000352   , L0000353   , L0000354   ,
L0000355   ,
               L0000356   , L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   ,
L0000363   ,
               L0000364   , L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   ,
L0000371   ,
               L0000372   , L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   ,
. . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
       539371.49   4215194.05   255.94109 (13010807)   539364.42   4215191.93   252.73431
(14012108)
       539344.64   4215200.41   240.71294 (14012108)   539409.65   4215113.48   188.13089
(13120208)
       539355.94   4215136.80   207.52754 (14012108)   539262.66   4215288.75   350.82509
(14110707)
       539282.44   4215261.19   325.10633 (16113007)   539299.41   4215235.04   286.48936
(16121208)
       539168.48   4215647.44   307.51503 (13111908)   538949.25   4216163.17   78.01922
(17010207)
       539352.01   4215796.95   238.99762 (13110607)   539358.95   4215583.01   1613.04338
(14120907)
       539293.80   4215538.56   1740.43171 (14121816)   539260.82   4215517.04   1163.35575
(14013007)
       539279.41   4215503.60   1698.35196 (14010809)   539292.18   4215495.55   2032.30719
(14010808)
       539318.95   4215487.21   1724.54470 (15111807)   539337.11   4215482.84   1881.82114
(13111207)
       539356.14   4215482.00   1659.36227 (16121208)   539369.89   4215483.02   1903.18269
(13120208)
       539384.66   4215486.57   1862.47992 (16011507)   539391.49   4215490.91   1660.65481
(16011507)
       539342.66   4215571.90   2080.57126 (15120816)   539326.38   4215560.79   2283.41318
(14121816)
       539310.09   4215549.67   1888.16066 (14121816)   539277.31   4215527.80   1516.46252

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538744.00	538764.00	538784.00	538804.00	538824.00
4215958.0	262.86700 (13111908)	289.95286 (13111908)	311.23056 (13111908)	324.75982 (13111908)	327.94063 (13111908)
4215938.0	233.43796 (13111908)	267.28628 (13111908)	298.09282 (13111908)	323.42440 (13111908)	340.13357 (13111908)
4215918.0	229.21063 (14121008)	233.86429 (13111908)	271.22132 (13111908)	306.29875 (13111908)	335.82761 (13111908)
4215898.0	231.63997 (14121008)	241.55819 (14121008)	246.14176 (14121008)	274.66219 (13111908)	314.03603 (13111908)
4215878.0	254.38270 (14121608)	244.62006 (14121608)	253.58457 (14121008)	261.85682 (14121008)	277.06151 (13111908)
4215858.0	280.77566 (14121608)	279.03922 (14121608)	271.95116 (14121608)	264.79351 (14121008)	277.47479 (14121008)
4215838.0	292.54989 (14121608)	301.08709 (14121608)	303.84883 (14121608)	300.66666 (14121608)	291.08077 (14121608)
4215818.0	286.33140 (14121608)	305.05887 (14121608)	319.37199 (14121608)	328.09870 (14121608)	330.15355 (14121608)
4215798.0	261.96241 (14121608)	288.71555 (14121608)	313.55490 (14121608)	334.73292 (14121608)	350.37203 (14121608)
4215778.0	246.91128 (13112007)	254.32052 (14121608)	286.11824 (14121608)	317.20653 (14121608)	345.52621 (14121608)
4215758.0	289.54521 (13112007)	286.36435 (13112007)	279.24934 (13112007)	277.51504 (14121608)	314.27987 (14121608)
4215738.0	317.76667 (13112007)	322.73388 (13112007)	325.29623 (13112007)	323.81831 (13112007)	318.47486 (13112007)
4215718.0	323.79926 (13112007)	337.24091 (13112007)	350.12868 (13112007)	360.45700 (13112007)	366.85709 (13112007)
4215698.0	302.82129 (13112007)	325.21041 (13112007)	346.36451 (13112007)	367.61006 (13112007)	386.91068 (13112007)
4215678.0	258.59167 (13112007)	285.19228 (13112007)	312.66810 (13112007)	341.08186 (13112007)	370.60049 (13112007)
4215658.0	244.07623 (14121607)	240.77369 (14121607)	255.29827 (13112007)	286.55020 (13112007)	320.50212 (13112007)
4215638.0	286.09648 (14121607)	287.38104 (14121607)	288.81190 (14121607)	292.19464 (14121607)	

296.06282 (14121607)
 4215618.0 | 305.98791 (14121607)   313.77124 (14121607)   321.92987 (14121607)   329.23264 (14121607)
340.91950 (14121607)
 4215598.0 | 295.78345 (14121607)   309.07724 (14121607)   323.28870 (14121607)   335.55671 (14121607)
354.12251 (14121607)
 4215578.0 | 324.04276 (14013007)   331.93443 (14013007)   338.61689 (14013007)   343.98940 (14013007)
354.56603 (14013007)
 4215558.0 | 371.85441 (14013007)   384.05509 (14013007)   395.77707 (14013007)   406.45750 (14013007)
423.64904 (14013007)
 4215538.0 | 384.93138 (14013007)   398.50143 (14013007)   412.94421 (14013007)   427.67555 (14013007)
448.72918 (14013007)
 4215518.0 | 354.25895 (14013007)   367.60473 (14013007)   381.86557 (14013007)   398.25977 (14013007)
417.18307 (14013007)
 4215498.0 | 289.63830 (14013007)   300.22318 (14013007)   311.98639 (14013007)   324.08778 (14013007)
338.20937 (14013007)
 4215478.0 | 219.89146 (14032507)   238.08189 (14032507)   258.24597 (14032507)   279.76709 (14032507)
304.57331 (14032507)
 4215458.0 | 296.37802 (14032507)   318.80468 (14032507)   341.91836 (14032507)   366.35620 (14032507)
393.63449 (14032507)
 4215438.0 | 366.50859 (14032507)   387.89400 (14032507)   409.84802 (14032507)   432.14103 (14032507)
456.62808 (14032507)
 4215418.0 | 408.59655 (14032507)   424.67488 (14032507)   440.13718 (14032507)   456.59767 (14032507)
470.10042 (14032507)
 4215398.0 | 409.04725 (14032507)   416.09523 (14032507)   421.53420 (14032507)   426.73863 (14032507)
428.33334 (14032507)
 4215378.0 | 367.14465 (14032507)   364.57965 (14032507)   361.13660 (14032507)   354.67898 (14032507)
346.20741 (14032507)
 4215358.0 | 296.27624 (14032507)   287.22251 (14032507)   276.19450 (14032507)   263.80545 (14032507)
261.02761 (13092407)
 4215338.0 | 216.41422 (14032507)   230.00762 (13092407)   256.32647 (13092407)   283.14434 (13092407)
310.89893 (13092407)
 4215318.0 | 250.79767 (13092407)   274.60339 (13092407)   297.64100 (13092407)   319.03260 (13092407)
339.28977 (13092407)
 4215298.0 | 285.67168 (13092407)   303.80296 (13092407)   319.23079 (13092407)   332.45113 (13092407)
341.50624 (13092407)
 4215278.0 | 301.74917 (13092407)   310.93429 (13092407)   317.27352 (13092407)   317.96659 (13092407)
335.76316 (14010809)
 4215258.0 | 295.53166 (13092407)   294.72466 (13092407)   302.02625 (14010809)   365.47399 (14010809)
428.34916 (14010809)
 4215238.0 | 273.09885 (14010809)   329.70379 (14010809)   386.45171 (14010809)   438.07246 (14010809)
479.70511 (14010809)
 4215218.0 | 350.46034 (14010809)   398.41739 (14010809)   437.80107 (14010809)   463.95235 (14010809)
481.27793 (15122508)
 4215198.0 | 401.49269 (14010809)   428.39176 (14010809)   441.04622 (14010809)   481.91519 (15122508)
522.40695 (15122508)
 4215178.0 | 411.37456 (14010809)   432.64271 (15122508)   476.08726 (15122508)   502.46702 (15122508)
507.53157 (15122508)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
                L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                    *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       538744.00              538764.00              538784.00              538804.00
538824.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215158.0 |    432.82614 (15122508)    464.35071 (15122508)    478.17454 (15122508)    473.28665 (13011008)
507.91990 (13011008)
 4215138.0 |    447.81017 (15122508)    450.48491 (15122508)    464.67970 (13011008)    489.71519 (13011008)
494.87184 (14010808)
 4215118.0 |    420.72442 (15122508)    453.61778 (13011008)    469.96175 (13011008)    487.77658 (14010808)
533.44068 (14010808)
 4215098.0 |    440.50133 (13011008)    449.10462 (13011008)    479.25360 (14010808)    515.95953 (14010808)
525.64962 (14010808)
 4215078.0 |    427.53346 (13011008)    469.52669 (14010808)    498.05473 (14010808)    500.64773 (14010808)
475.44411 (14010808)
 4215058.0 |    458.80118 (14010808)    479.90523 (14010808)    475.79715 (14010808)    447.37478 (14010808)
398.20395 (14010808)
 4215038.0 |    461.66877 (14010808)    452.28582 (14010808)    420.80996 (14010808)    371.24663 (14010808)
311.12575 (14010808)
 4215018.0 |    429.54765 (14010808)    395.65404 (14010808)    346.14384 (14010808)    288.15406 (14010808)
242.60444 (14012909)
 4214998.0 |    371.70921 (14010808)    322.76475 (14010808)    266.99714 (14010808)    231.06482 (14012909)
267.11398 (14012909)
 4214978.0 |    300.99201 (14010808)    247.50876 (14010808)    220.41674 (14012909)    254.73232 (14012909)
274.84405 (14012909)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 405
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL
***
                               INCLUDING SOURCE(S):     L0000340    , L0000341    , L0000342    , L0000343    ,
L0000344    ,
                L0000345    , L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000555    ,
L0000556    ,
                L0000557    , L0000558    , L0000559    , L0000560    , L0000561    , L0000562    , L0000563    ,
L0000564    ,
                L0000565    , L0000566    , L0000567    , L0000568    , L0000569    , L0000570    , L0000571    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       538844.00              538864.00              538884.00              538904.00
538924.00
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215958.0 |    320.37373 (13111908)    309.78695 (16120907)    309.10888 (16120907)    341.43631 (15012207)
379.29695 (17012307)
 4215938.0 |    346.22273 (13111908)    340.39229 (13111908)    327.06281 (16120907)    327.70509 (16120907)
361.34267 (15012207)
 4215918.0 |    356.81097 (13111908)    366.41268 (13111908)    362.94612 (13111908)    346.28322 (13111908)
348.34369 (16120907)
 4215898.0 |    348.50000 (13111908)    374.43073 (13111908)    388.50718 (13111908)    388.05889 (13111908)
372.55740 (13111908)
 4215878.0 |    321.37307 (13111908)    361.70951 (13111908)    393.53635 (13111908)    412.76021 (13111908)
415.98681 (13111908)
 4215858.0 |    283.44447 (14121008)    328.30572 (13111908)    375.11421 (13111908)    413.64888 (13111908)
439.03116 (13111908)
 4215838.0 |    292.70988 (14121008)    303.84558 (14121008)    334.49502 (13111908)    388.38822 (13111908)
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434.66704 (13111908)
 4215818.0 | 324.92474 (14121608)   312.40884 (14121608)   324.30287 (14121008)   339.54458 (13111908)
401.03440 (13111908)
 4215798.0 | 359.47445 (14121608)   360.41738 (14121608)   352.54664 (14121608)   344.10626 (14121008)
359.32970 (14121008)
 4215778.0 | 369.35890 (14121608)   386.72297 (14121608)   395.68787 (14121608)   394.83272 (14121608)
383.46171 (14121608)
 4215758.0 | 350.10299 (14121608)   382.91335 (14121608)   410.10798 (14121608)   429.26914 (14121608)
438.30059 (14121608)
 4215738.0 | 308.98437 (13112007)   347.10888 (14121608)   389.16977 (14121608)   427.79134 (14121608)
459.42116 (14121608)
 4215718.0 | 368.74163 (13112007)   365.81378 (13112007)   357.55532 (13112007)   386.56475 (14121608)
437.11393 (14121608)
 4215698.0 | 403.10156 (13112007)   415.15520 (13112007)   422.30172 (13112007)   423.10455 (13112007)
417.71982 (13112007)
 4215678.0 | 399.48805 (13112007)   426.70533 (13112007)   451.03450 (13112007)   471.49927 (13112007)
485.95319 (13112007)
 4215658.0 | 356.58013 (13112007)   394.21631 (13112007)   432.45408 (13112007)   469.31433 (13112007)
505.16118 (13112007)
 4215638.0 | 298.78052 (14121607)   323.66881 (13112007)   367.09103 (13112007)   413.36430 (13112007)
462.79197 (13112007)
 4215618.0 | 352.13405 (14121607)   362.64996 (14121607)   371.22262 (14121607)   377.35018 (14121607)
383.24403 (14121607)
 4215598.0 | 373.34826 (14121607)   393.13402 (14121607)   410.93499 (14121607)   427.66048 (14121607)
445.96417 (14121607)
 4215578.0 | 365.50278 (14013007)   376.77782 (14013007)   400.62098 (14121607)   425.92956 (14121607)
453.18080 (14121607)
 4215558.0 | 441.98739 (14013007)   461.55789 (14013007)   479.23397 (14013007)   494.70079 (14013007)
510.08928 (14013007)
 4215538.0 | 471.56418 (14013007)   496.38903 (14013007)   523.39832 (14013007)   543.24741 (14013007)
563.61443 (14013007)
 4215518.0 | 439.03779 (14013007)   462.91180 (14013007)   487.71638 (14013007)   510.94678 (14013007)
532.72068 (14013007)
 4215498.0 | 353.49851 (14013007)   370.67531 (14013007)   388.07453 (14013007)   404.66525 (14013007)
423.04926 (14013007)
 4215478.0 | 331.14061 (14032507)   361.36871 (14032507)   394.92620 (14032507)   430.00509 (14032507)
470.06688 (14032507)
 4215458.0 | 422.70772 (14032507)   453.70797 (14032507)   488.75781 (14032507)   526.31588 (14032507)
565.10245 (14032507)
 4215438.0 | 479.44268 (14032507)   504.36862 (14032507)   529.30280 (14032507)   559.46795 (14032507)
589.41416 (14032507)
 4215418.0 | 482.17941 (14032507)   492.48889 (14032507)   502.97848 (14032507)   515.80995 (14032507)
525.68218 (14032507)
 4215398.0 | 427.63275 (14032507)   426.06034 (14032507)   421.74123 (14032507)   417.14272 (14032507)
408.76482 (14032507)
 4215378.0 | 335.71263 (14032507)   323.93228 (14032507)   310.00838 (14032507)   341.47368 (13092407)
384.26519 (13092407)
 4215358.0 | 292.31571 (13092407)   323.09087 (13092407)   354.88139 (13092407)   389.31626 (13092407)
421.82748 (13092407)
 4215338.0 | 336.37881 (13092407)   359.46405 (13092407)   380.84251 (13092407)   401.85319 (13092407)
417.20289 (13092407)
 4215318.0 | 356.24233 (13092407)   368.74878 (13092407)   375.80928 (13092407)   424.01134 (14010809)
518.09644 (14010809)
 4215298.0 | 345.60893 (13092407)   375.80389 (14010809)   457.55751 (14010809)   536.34050 (14010809)
602.76667 (14010809)
 4215278.0 | 407.47391 (14010809)   477.94360 (14010809)   539.37441 (14010809)   583.01012 (14010809)
621.77994 (15122508)
 4215258.0 | 485.00127 (14010809)   528.30640 (14010809)   551.55459 (14010809)   614.61869 (15122508)
661.10941 (15122508)
 4215238.0 | 505.19254 (14010809)   544.20170 (15122508)   597.40493 (15122508)   623.31309 (15122508)
631.13514 (13011008)
 4215218.0 | 536.76862 (15122508)   572.11801 (15122508)   580.68645 (15122508)   607.99781 (13011008)
632.17170 (13011008)
 4215198.0 | 541.56587 (15122508)   541.54484 (13011008)   580.34444 (13011008)   601.83275 (14010808)
667.24357 (14010808)
 4215178.0 | 525.95485 (13011008)   551.35523 (13011008)   585.16703 (14010808)   636.25206 (14010808)
647.68267 (14010808)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                              INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
               L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
               L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
               L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                           *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538844.00   538864.00   538884.00   538904.00
538924.00
 -
- - - - - - - -

 4215158.0 | 522.66500 (13011008)   567.28711 (14010808)   604.82458 (14010808)   607.49979 (14010808)
571.83818 (14010808)
 4215138.0 | 551.18357 (14010808)   577.31812 (14010808)   569.85643 (14010808)   529.63218 (14010808)
462.66812 (14010808)
 4215118.0 | 551.23656 (14010808)   536.19140 (14010808)   492.22760 (14010808)   426.00959 (14010808)
347.03053 (14010808)
 4215098.0 | 505.02733 (14010808)   458.25827 (14010808)   393.08477 (14010808)   318.51793 (14010808)
346.47214 (14012909)
 4215078.0 | 427.16319 (14010808)   363.29351 (14010808)   292.75119 (14010808)   327.53945 (14012909)
347.34300 (14012909)
 4215058.0 | 336.11549 (14010808)   269.28815 (14010808)   310.25916 (14012909)   330.28823 (14012909)
324.32050 (14012909)
 4215038.0 | 255.14641 (14012909)   294.67240 (14012909)   314.84020 (14012909)   311.08190 (14012909)
284.49464 (14012909)
 4215018.0 | 280.33304 (14012909)   300.50585 (14012909)   298.67004 (14012909)   275.21990 (14012909)
279.53465 (13040207)
 4214998.0 | 287.21372 (14012909)   287.03376 (14012909)   266.54690 (14012909)   263.99956 (13040207)
303.82334 (16112108)
 4214978.0 | 276.07626 (14012909)   258.22567 (14012909)   249.09919 (13040207)   274.65320 (13040207)
352.31819 (16112108)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                              INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
               L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
               L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
               L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                           *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	538944.00	538964.00	538984.00	539004.00	539024.00
4215958.0	423.46086 (17012307)	446.58365 (17012307)	450.54357 (15122908)	436.59165 (15122908)	403.72935 (14121707)
4215938.0	404.76046 (17012307)	450.59457 (17012307)	472.26453 (17012307)	474.91025 (15122908)	454.18509 (15122908)
4215918.0	383.93958 (15012207)	433.21334 (17012307)	480.83371 (17012307)	500.72233 (17012307)	501.35245 (15122908)
4215898.0	371.48242 (16120907)	408.59770 (15012207)	464.73084 (17012307)	514.05821 (17012307)	531.55254 (17012307)
4215878.0	402.04825 (13111908)	397.16206 (16120907)	436.56033 (15012207)	500.39223 (17012307)	551.27114 (17012307)
4215858.0	447.01777 (13111908)	434.87579 (13111908)	426.02288 (16120907)	468.14764 (15012207)	540.59620 (17012307)
4215838.0	467.28758 (13111908)	480.71127 (13111908)	471.78903 (13111908)	458.54664 (16120907)	503.86251 (15012207)
4215818.0	456.19538 (13111908)	497.46737 (13111908)	518.16126 (13111908)	513.64910 (13111908)	495.52745 (16120907)
4215798.0	412.94723 (13111908)	478.18184 (13111908)	529.91354 (13111908)	559.68127 (13111908)	561.12867 (13111908)
4215778.0	386.26137 (14121008)	423.50712 (13111908)	500.63275 (13111908)	564.87295 (13111908)	606.16408 (13111908)
4215758.0	435.12369 (14121608)	419.11640 (14121608)	434.71392 (14121008)	523.33615 (13111908)	602.63273 (13111908)
4215738.0	480.99305 (14121608)	489.34613 (14121608)	482.88099 (14121608)	472.90295 (14121008)	545.85991 (13111908)
4215718.0	482.88367 (14121608)	520.13193 (14121608)	544.25798 (14121608)	551.87729 (14121608)	540.42800 (14121608)
4215698.0	435.52226 (14121608)	496.62212 (14121608)	551.85014 (14121608)	595.96311 (14121608)	623.12242 (14121608)
4215678.0	494.00919 (13112007)	494.00511 (13112007)	496.40333 (14121608)	571.74447 (14121608)	639.65483 (14121608)
4215658.0	537.25813 (13112007)	563.46968 (13112007)	581.89056 (13112007)	590.04533 (13112007)	586.20116 (13112007)
4215638.0	513.89374 (13112007)	565.11626 (13112007)	613.97068 (13112007)	657.24357 (13112007)	691.33279 (13112007)
4215618.0	426.52133 (13112007)	489.77192 (13112007)	558.31804 (13112007)	629.65170 (13112007)	701.62256 (13112007)
4215598.0	464.31463 (14121607)	484.11074 (14121607)	502.15099 (14121607)	518.92719 (14121607)	597.02591 (13112007)
4215578.0	483.05496 (14121607)	516.87868 (14121607)	553.60188 (14121607)	591.77979 (14121607)	632.25968 (14121607)
4215558.0	531.13079 (14013007)	555.59055 (14013007)	584.58980 (14013007)	616.80396 (14013007)	650.96349 (14013007)
4215538.0	590.06243 (14013007)	624.81570 (14013007)	663.31134 (14013007)	710.64751 (14013007)	764.02350 (14013007)
4215518.0	560.27306 (14013007)	591.66691 (14013007)	630.45940 (14013007)	676.67904 (14013007)	732.03840 (14013007)
4215498.0	442.63094 (14013007)	466.87998 (14013007)	494.17001 (14013007)	526.72919 (14013007)	564.22501 (14013007)
4215478.0	509.46246 (14032507)	550.01194 (14032507)	591.79819 (14032507)	648.06041 (14032507)	708.36235 (14032507)
4215458.0	605.46524 (14032507)	640.78821 (14032507)	674.07466 (14032507)	706.32221 (14032507)	746.20672 (14032507)
4215438.0	615.57991 (14032507)	638.12552 (14032507)	644.55620 (14032507)	646.32945 (14032507)	650.41755 (14032507)
4215418.0	531.87451 (14032507)	531.55851 (14032507)	518.03896 (14032507)	499.00086 (14032507)	478.61377 (14032507)
4215398.0	396.33981 (14032507)	413.00802 (13092407)	460.66937 (13092407)	501.01831 (13092407)	534.82104 (13092407)
4215378.0	428.03215 (13092407)	465.74110 (13092407)	495.69646 (13092407)	520.73048 (13092407)	650.94840 (14010809)
4215358.0	450.33753 (13092407)	467.56204 (13092407)	556.85168 (14010809)	685.89152 (14010809)	799.46247 (14010809)

 4215338.0 | 482.96461 (14010809)   592.76830 (14010809)   693.82647 (14010809)   769.90072 (14010809)
849.40121 (15122508)
 4215318.0 | 607.64820 (14010809)   679.25199 (14010809)   723.72847 (15122508)   819.52365 (15122508)
870.41835 (15122508)
 4215298.0 | 646.82138 (14010809)   714.23506 (15122508)   777.77888 (15122508)   797.06552 (15122508)
836.98453 (13011008)
 4215278.0 | 692.00664 (15122508)   728.23118 (15122508)   741.86757 (13011008)   781.70722 (13011008)
872.11455 (14010808)
 4215258.0 | 673.88643 (15122508)   707.31841 (13011008)   751.84770 (14010808)   823.71094 (14010808)
831.58754 (14010808)
 4215238.0 | 670.86936 (13011008)   724.97423 (14010808)   777.54988 (14010808)   771.35340 (14010808)
709.76298 (14010808)
 4215218.0 | 697.43240 (14010808)   733.60688 (14010808)   716.09752 (14010808)   650.26633 (14010808)
549.48218 (14010808)
 4215198.0 | 690.54719 (14010808)   665.18906 (14010808)   596.66635 (14010808)   499.35040 (14010808)
477.87022 (14012909)
 4215178.0 | 617.30932 (14010808)   548.16636 (14010808)   454.69821 (14010808)   446.17858 (14012909)
461.65868 (14012909)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
               L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
               L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
               L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538944.00   538964.00   538984.00   539004.00
539024.00
 -
- - - - - - - -

 4215158.0 | 503.75587 (14010808)   414.74506 (14010808)   417.91422 (14012909)   435.06457 (14012909)
410.43308 (14012909)
 4215138.0 | 378.92700 (14010808)   392.14370 (14012909)   410.18722 (14012909)   390.86431 (14012909)
409.78937 (16112108)
 4215118.0 | 367.99546 (14012909)   387.54209 (14012909)   372.48339 (14012909)   353.17380 (16112108)
482.93034 (16112108)
 4215098.0 | 366.55796 (14012909)   355.15703 (14012909)   325.27993 (13040207)   425.45251 (16112108)
535.04251 (16112108)
 4215078.0 | 339.04277 (14012909)   304.62169 (14012909)   373.76478 (16112108)   482.16411 (16112108)
560.41436 (16112108)
 4215058.0 | 294.03627 (14012909)   327.92496 (16112108)   432.28496 (16112108)   516.86959 (16112108)
557.85244 (16112108)
 4215038.0 | 295.68503 (13040207)   385.98159 (16112108)   473.39539 (16112108)   526.61337 (16112108)
548.13148 (13121808)
 4215018.0 | 343.17780 (16112108)   431.27744 (16112108)   493.29240 (16112108)   512.12844 (16112108)
562.21803 (13121808)
 4214998.0 | 390.82520 (16112108)   458.92883 (16112108)   490.84852 (16112108)   520.23816 (13121808)
554.13138 (13121808)
 4214978.0 | 424.26876 (16112108)   466.73493 (16112108)   476.08716 (13121808)   527.09395 (13121808)
526.82131 (13121808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                              INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
               L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
               L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
               L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                           *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539044.00   539064.00   539084.00   539104.00
539124.00
 -
- - - - - - - -

 4215958.0 | 457.33868 (16010609)   501.59298 (16010609)   505.29720 (16010609)   501.97808 (15121808)
532.95988 (14121807)
 4215938.0 | 446.85687 (14121707)   502.81669 (16010609)   535.98868 (16010609)   521.57700 (16010609)
528.55279 (17010608)
 4215918.0 | 472.74709 (15122908)   492.92107 (14121707)   549.38839 (16010609)   567.27064 (16010609)
559.66414 (15121808)
 4215898.0 | 529.62316 (15122908)   491.39622 (15122908)   542.35345 (16010609)   595.79422 (16010609)
593.60473 (16010609)
 4215878.0 | 565.67312 (17012307)   559.79829 (15122908)   528.89900 (14121707)   602.13488 (16010609)
640.27251 (16010609)
 4215858.0 | 593.20996 (17012307)   606.76969 (15122908)   591.82014 (15122908)   590.90271 (14121707)
663.92814 (16010609)
 4215838.0 | 586.59285 (17012307)   640.16635 (17012307)   651.78795 (15122908)   625.85204 (15122908)
659.46793 (16010609)
 4215818.0 | 545.32380 (15012207)   638.76018 (17012307)   692.84977 (17012307)   701.53610 (15122908)
661.84747 (15122908)
 4215798.0 | 538.24289 (16120907)   595.79653 (17012307)   698.58057 (17012307)   752.56278 (17012307)
756.50883 (15122908)
 4215778.0 | 616.02064 (13111908)   590.12863 (13111908)   656.49988 (17012307)   767.44855 (17012307)
820.39423 (17012307)
 4215758.0 | 658.25128 (13111908)   678.57511 (13111908)   657.31315 (13111908)   727.18914 (17012307)
847.17852 (17012307)
 4215738.0 | 642.94428 (13111908)   715.87367 (13111908)   750.15244 (13111908)   736.41202 (13111908)
810.80664 (17012307)
 4215718.0 | 567.28230 (13111908)   685.46222 (13111908)   779.95305 (13111908)   832.62072 (13111908)
830.45380 (13111908)
 4215698.0 | 628.02666 (14121608)   608.76931 (14121608)   729.99986 (13111908)   851.76443 (13111908)
929.08508 (13111908)
 4215678.0 | 691.71145 (14121608)   721.07329 (14121608)   722.14058 (14121608)   777.09646 (13111908)
933.26079 (13111908)
 4215658.0 | 668.03812 (14121608)   751.80355 (14121608)   814.69386 (14121608)   847.37093 (14121608)
843.45268 (14121608)
 4215638.0 | 712.68746 (13112007)   718.95403 (13112007)   795.55189 (14121608)   902.69776 (14121608)
981.67654 (14121608)
 4215618.0 | 768.92084 (13112007)   827.62476 (13112007)   872.47329 (13112007)   898.91533 (13112007)
975.10552 (14121608)
 4215598.0 | 694.35003 (13112007)   797.94445 (13112007)   902.92486 (13112007)   1002.98131 (13112007)
1090.64663 (13112007)
 4215578.0 | 671.96739 (14121607)   711.40341 (14121607)   751.26929 (13112007)   902.05266 (13112007)
1067.84068 (13112007)
 4215558.0 | 688.24030 (14013007)   754.66458 (14121607)   830.88286 (14121607)   915.11311 (14121607)
1007.16487 (14121607)

 4215538.0 | 823.97533 (14013007)   892.01095 (14013007)   969.75689 (14013007)   1059.42283 (14013007)
1166.12236 (14013007)
 4215518.0 | 794.88569 (14013007)   867.68441 (14013007)   952.81736 (14013007)   1054.60936 (14013007)
1178.26344 (14013007)
 4215498.0 | 633.36139 (14032507)   718.89363 (14032507)   820.06641 (14032507)   940.83664 (14032507)
1086.45339 (14032507)
 4215478.0 | 784.14374 (14032507)   868.39291 (14032507)   961.59758 (14032507)   1062.40555 (14032507)
1173.54038 (14032507)
 4215458.0 | 796.34300 (14032507)   845.33322 (14032507)   891.15511 (14032507)   928.67001 (14032507)
957.61902 (14032507)
 4215438.0 | 661.19373 (14032507)   664.54653 (14032507)   658.89976 (14032507)   714.47611 (13092407)
869.79877 (14010809)
 4215418.0 | 545.75032 (13092407)   613.73872 (13092407)   701.21611 (14010809)   940.61722 (14010809)
1176.37904 (14010809)
 4215398.0 | 585.28579 (14010809)   772.73292 (14010809)   961.19327 (14010809)   1111.91152 (14010809)
1279.14682 (15122508)
 4215378.0 | 805.38927 (14010809)   938.53233 (14010809)   1053.43350 (15122508)   1186.94565 (15122508)
1228.47752 (15122508)
 4215358.0 | 881.97422 (14010809)   1005.08238 (15122508)   1083.61056 (15122508)   1134.65700 (13011008)
1260.79426 (14010808)
 4215338.0 | 942.49273 (15122508)   974.98222 (15122508)   1053.23270 (14010808)   1169.95314 (14010808)
1162.80311 (14010808)
 4215318.0 | 897.51141 (13011008)   986.15223 (14010808)   1066.32406 (14010808)   1049.85586 (14010808)
936.60854 (14010808)
 4215298.0 | 925.21462 (14010808)   977.02026 (14010808)   944.96337 (14010808)   837.84548 (14010808)
722.57762 (14012909)
 4215278.0 | 899.49477 (14010808)   854.02499 (14010808)   746.96125 (14010808)   658.05455 (14012909)
654.11717 (14012909)
 4215258.0 | 777.56199 (14010808)   671.07437 (14010808)   601.97537 (14012909)   603.78805 (14012909)
740.48093 (16112108)
 4215238.0 | 606.03542 (14010808)   554.78054 (14012909)   560.81762 (14012909)   631.34728 (16112108)
814.14329 (16112108)
 4215218.0 | 514.13551 (14012909)   523.96453 (14012909)   536.84490 (16112108)   716.86016 (16112108)
832.15919 (16112108)
 4215198.0 | 491.12196 (14012909)   455.06077 (16112108)   628.02558 (16112108)   757.20647 (16112108)
802.36008 (13121808)
 4215178.0 | 431.34531 (14012909)   547.23354 (16112108)   683.68591 (16112108)   751.32344 (16112108)
812.10466 (13121808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
               L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
               L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
               L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539044.00   539064.00   539084.00   539104.00
539124.00
 -
- - - - - - - -

 4215158.0 | 474.49724 (16112108)   612.97717 (16112108)   699.44155 (16112108)   743.99038 (13121808)
781.37897 (13121808)

 4215138.0 | 545.75077 (16112108)   645.07956 (16112108)   676.48561 (16112108)   742.08515 (13121808)
757.37398 (15112508)
 4215118.0 | 589.60825 (16112108)   641.51425 (16112108)   692.46351 (13121808)   708.04690 (13121808)
716.88482 (15112508)
 4215098.0 | 602.42478 (16112108)   635.52845 (13121808)   681.77006 (13121808)   693.83891 (15112508)
656.69822 (15112508)
 4215078.0 | 584.84149 (16112108)   645.06727 (13121808)   654.61485 (15112508)   656.29708 (15112508)
622.81595 (16121307)
 4215058.0 | 600.45605 (13121808)   627.65856 (13121808)   639.12012 (15112508)   600.44674 (15112508)
605.76572 (16121307)
 4215038.0 | 599.18617 (13121808)   606.45870 (15112508)   600.73010 (15112508)   569.95009 (16121307)
574.40676 (16121307)
 4215018.0 | 574.87779 (13121808)   587.30986 (15112508)   547.45186 (15112508)   557.40761 (16121307)
550.79382 (14122408)
 4214998.0 | 562.12876 (15112508)   550.83242 (15112508)   522.94614 (16121307)   531.92262 (16121307)
542.40476 (14122408)
 4214978.0 | 542.23235 (15112508)   501.94015 (15112508)   514.14517 (16121307)   501.12052 (14122408)
523.54900 (14122408)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
                L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539144.00   539164.00   539184.00   539204.00
539224.00
 -
- - - - - - - -

 4215958.0 | 561.02999 (14121807)   533.37511 (14121807)   538.36210 (15010808)   552.17929 (16112507)
573.79126 (15121807)
 4215938.0 | 583.79805 (14121807)   582.13736 (14121807)   563.24891 (16011207)   580.11415 (15010808)
587.73611 (16112507)
 4215918.0 | 594.15878 (14121807)   623.86488 (14121807)   596.47525 (16011207)   608.42683 (15010808)
620.28652 (16112507)
 4215898.0 | 593.77222 (15121808)   654.17349 (14121807)   647.09039 (14121807)   629.83259 (15010808)
649.85291 (16112507)
 4215878.0 | 629.39141 (15121808)   669.29890 (14121807)   701.10257 (14121807)   672.79394 (16011207)
688.89906 (15010808)
 4215858.0 | 680.66017 (16010609)   675.65631 (15121808)   741.34390 (14121807)   727.38721 (14121807)
726.69413 (15010808)
 4215838.0 | 726.04209 (16010609)   714.45534 (15121808)   762.96571 (14121807)   797.98193 (14121807)
765.68442 (16011207)
 4215818.0 | 741.06660 (16010609)   786.27781 (16010609)   778.31553 (15121808)   851.68054 (14121807)
829.22618 (14121807)
 4215798.0 | 728.61432 (14121707)   826.86425 (16010609)   841.67390 (16010609)   882.35219 (14121807)
922.66926 (14121807)
 4215778.0 | 817.73872 (15122908)   828.58770 (16010609)   914.93303 (16010609)   909.39750 (15121808)
994.92207 (14121807)
 4215758.0 | 898.41174 (17012307)   886.37454 (15122908)   945.50802 (16010609)   1002.91324 (16010609)
1038.02176 (14121807)

 4215738.0 | 940.67031 (17012307)   988.69949 (17012307)   963.78592 (15122908)   1072.50539 (16010609)
1087.60442 (16010609)
 4215718.0 | 910.33518 (17012307)   1051.11565 (17012307)   1096.58804 (15122908)   1087.31708 (16010609)
1209.14244 (16010609)
 4215698.0 | 942.82382 (13111908)   1030.69101 (17012307)   1183.28780 (17012307)   1227.28186 (15122908)
1269.49351 (16010609)
 4215678.0 | 1042.05950 (13111908)   1079.35799 (13111908)   1177.68356 (17012307)   1344.74975 (17012307)
1387.36568 (15122908)
 4215658.0 | 1026.81476 (13111908)   1177.11096 (13111908)   1246.32333 (13111908)   1361.86148 (17012307)
1548.03248 (17012307)
 4215638.0 | 1018.57848 (14121608)   1135.63597 (13111908)   1341.13902 (13111908)   1457.20900 (13111908)
1599.42527 (17012307)
 4215618.0 | 1116.73716 (14121608)   1215.09411 (14121608)   1267.80028 (13111908)   1548.67375 (13111908)
1731.23942 (13111908)
 4215598.0 | 1154.90960 (13112007)   1240.50493 (14121608)   1432.05481 (14121608)   1561.05533 (14121608)
1824.88944 (13111908)
 4215578.0 | 1239.55335 (13112007)   1402.18201 (13112007)   1539.58159 (13112007)   1665.55291 (14121608)
1938.28429 (14121608)
 4215558.0 | 1106.19915 (14121607)   1275.26502 (13112007)   1576.73194 (13112007)   1891.38168 (13112007)
2186.88148 (13112007)
 4215538.0 | 1292.59608 (14013007)   1442.45236 (14013007)   1620.83301 (14013007)   1840.95846 (14013007)
2138.05752 (13112007)
 4215518.0 | 1332.25498 (14013007)   1523.56248 (14013007)   1772.91617 (14013007)   2108.42068 (14013007)
2586.09731 (14013007)
 4215498.0 | 1261.03431 (14032507)   1476.75738 (14032507)   1747.13933 (14032507)   2085.18503 (14032507)
2505.34007 (14032507)
 4215478.0 | 1291.62647 (14032507)   1412.45639 (14032507)   1534.45510 (14032507)   1646.31762 (14032507)
2370.58981 (14010809)
 4215458.0 | 977.85320 (14032507)   1138.40412 (14010809)   1617.79408 (14010809)   2059.85863 (15122508)
2493.02493 (15122508)
 4215438.0 | 1197.49828 (14010809)   1508.07588 (14010809)   1823.65678 (15122508)   2039.33550 (15122508)
2347.71191 (14010808)
 4215418.0 | 1372.13646 (15122508)   1601.96331 (15122508)   1737.85692 (14010808)   1957.94390 (14010808)
1939.87387 (14010808)
 4215398.0 | 1400.96247 (15122508)   1531.81161 (14010808)   1666.57084 (14010808)   1619.01732 (14010808)
1505.21929 (16112108)
 4215378.0 | 1375.83809 (14010808)   1447.66096 (14010808)   1373.07339 (14010808)   1182.87491 (14010808)
1570.90498 (16112108)
 4215358.0 | 1287.91042 (14010808)   1190.21652 (14010808)   1002.77490 (14010808)   1303.69949 (16112108)
1499.22846 (16112108)
 4215338.0 | 1056.41716 (14010808)   879.89544 (14012909)   1080.34951 (16112108)   1312.88402 (16112108)
1428.65066 (13121808)
 4215318.0 | 795.96200 (14012909)   894.58324 (16112108)   1143.38264 (16112108)   1256.09309 (13121808)
1330.39645 (15112508)
 4215298.0 | 746.32651 (16112108)   998.93115 (16112108)   1123.41459 (16112108)   1195.90230 (13121808)
1204.48910 (15112508)
 4215278.0 | 863.81577 (16112108)   1023.28200 (16112108)   1103.68180 (13121808)   1127.41240 (15112508)
1111.40982 (16121307)
 4215258.0 | 918.06960 (16112108)   1000.73289 (13121808)   1053.81151 (15112508)   1029.67528 (15112508)
1025.03760 (16121307)
 4215238.0 | 906.63085 (16112108)   987.38790 (13121808)   1004.78896 (15112508)   963.75453 (16121307)
977.32465 (14122408)
 4215218.0 | 896.83024 (13121808)   936.83063 (15112508)   915.86749 (15112508)   905.64853 (16121307)
928.53048 (14110707)
 4215198.0 | 873.06678 (13121808)   891.28309 (15112508)   856.61085 (16121307)   862.83188 (14122408)
900.14461 (14110707)
 4215178.0 | 836.47373 (15112508)   812.88312 (15112508)   811.78875 (16121307)   822.62688 (14122408)
856.37806 (14110707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,

L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
                L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539144.00   539164.00   539184.00   539204.00
539224.00
 -
- - - - - - - -

 4215158.0 | 793.81258 (15112508)   762.31266 (16121307)   765.99943 (14122408)   801.83926 (14110707)
811.07801 (14110707)
 4215138.0 | 725.85938 (15112508)   729.14317 (16121307)   741.71422 (14122408)   782.52719 (14110707)
787.72541 (13111207)
 4215118.0 | 685.08654 (16121307)   681.14698 (14122408)   709.38745 (14110707)   748.98652 (14110707)
764.63280 (13111207)
 4215098.0 | 661.51725 (16121307)   667.41622 (14122408)   701.21439 (14110707)   708.35389 (14110707)
728.40675 (13111207)
 4215078.0 | 622.17806 (16121307)   639.99220 (14122408)   683.56995 (14110707)   687.76186 (13111207)
691.87962 (13111207)
 4215058.0 | 605.11612 (14122408)   624.89364 (14110707)   656.32127 (14110707)   670.68197 (13111207)
648.14445 (13111207)
 4215038.0 | 588.81209 (14122408)   621.34933 (14110707)   623.25300 (14110707)   647.28377 (13111207)
628.82886 (16112107)
 4215018.0 | 562.77729 (14122408)   608.48625 (14110707)   604.36976 (13111207)   618.71846 (13111207)
617.82919 (16112107)
 4214998.0 | 564.95390 (14110707)   587.50283 (14110707)   594.34056 (13111207)   586.14937 (13111207)
603.53076 (16112107)
 4214978.0 | 560.44644 (14110707)   558.37609 (14110707)   578.68888 (13111207)   550.73995 (13111207)
586.40806 (16112107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
                L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539244.00   539264.00   539284.00   539304.00
539324.00
 -
- - - - - - - -

 4215958.0 | 611.18345 (15011909)   599.04713 (15011909)   705.41702 (15112607)   727.99509 (15112607)
695.10598 (13110607)

 4215938.0 | 625.07356 (15011909)   629.12742 (15011909)   686.44674 (15112607)   730.48840 (15112607)
747.38817 (13110607)
 4215918.0 | 632.86690 (15011909)   636.99586 (15011909)   709.69940 (15112607)   731.71467 (15112607)
805.30980 (13110607)
 4215898.0 | 666.88652 (15121807)   683.45309 (15011909)   703.64660 (15112607)   774.87579 (15112607)
824.12469 (13110607)
 4215878.0 | 701.03591 (15121807)   720.79530 (15011909)   731.85920 (15112607)   781.56330 (15112607)
808.09822 (13110607)
 4215858.0 | 742.89240 (16112507)   760.33158 (15011909)   760.13126 (15112607)   830.92740 (15112607)
819.13501 (13110607)
 4215838.0 | 787.47320 (16112507)   805.54258 (15121807)   798.86814 (15011909)   883.69543 (15112607)
865.89466 (13110607)
 4215818.0 | 843.06412 (15010808)   862.08441 (15121807)   869.55470 (15011909)   933.80936 (15112607)
925.86067 (13110607)
 4215798.0 | 893.81910 (15010808)   919.87819 (16112507)   941.06782 (15011909)   991.78727 (15112607)
990.95218 (17010208)
 4215778.0 | 964.35975 (16011207)   987.89262 (16112507)   1010.79253 (15011909)   1054.62320 (15112607)
1072.92797 (15112607)
 4215758.0 | 1087.98084 (14121807)   1070.44485 (15010808)   1100.98292 (15121807)   1121.55439 (15112607)
1179.85872 (15112607)
 4215738.0 | 1186.76417 (14121807)   1153.80759 (16011207)   1192.49273 (16112507)   1211.60980 (15011909)
1302.12539 (15112607)
 4215718.0 | 1248.44839 (14121807)   1319.02463 (14121807)   1304.06562 (15010808)   1344.31874 (15011909)
1441.13408 (15112607)
 4215698.0 | 1356.27986 (16010609)   1457.96378 (14121807)   1429.71377 (15010808)   1493.09879 (15121807)
1598.79623 (15112607)
 4215678.0 | 1480.77053 (16010609)   1550.42961 (14121807)   1665.76308 (14121807)   1661.12607 (16112507)
1777.32569 (15112607)
 4215658.0 | 1590.37170 (15122908)   1733.69228 (16010609)   1869.65472 (14121807)   1870.49017 (15010808)
1981.58080 (15112607)
 4215638.0 | 1812.38285 (17012307)   1912.06607 (14121816)   2053.77250 (16010609)   2249.17245 (14121807)
2278.09863 (15121807)
 4215618.0 | 1919.27804 (17012307)   2193.76244 (14121816)   2444.31459 (14121816)   2585.57265 (14121807)
2923.88590 (15120816)
 4215598.0 | 2107.86647 (13111908)   2419.82544 (14121816)   2913.23481 (14121816)   3344.28072 (14121816)
3707.99769 (15120816)
 4215578.0 | 2232.19208 (13111908)   2673.17633 (13111908)   3404.31436 (14121816)   4203.11802 (14121816)
4991.28349 (14121816)
 4215558.0 | 2452.46027 (14121608)   2926.46399 (13111908)   4005.69817 (14121816)   5020.02558 (14121816)
5493.30231 (14121816)
 4215538.0 | 2849.76751 (13112007)   3593.34097 (13112007)   4283.29044 (13111908)   4558.52500 (13111908)
4483.98531 (13111908)
 4215518.0 | 3316.04501 (14013007)   4338.74018 (14013007)   4897.75089 (14032507)   4720.17873 (13011008)
4408.19340 (14010808)
 4215498.0 | 3020.75884 (14032507)   4152.00167 (13011008)   5492.31514 (14010808)   5286.26669 (14010808)
5057.48078 (15112508)
 4215478.0 | 3123.80622 (15122508)   3873.71400 (14010808)   4278.94118 (14010808)   4771.42964 (13121808)
5065.14460 (14110707)
 4215458.0 | 2924.77754 (14010808)   3068.92297 (14010808)   3371.90477 (13121808)   3660.28143 (15112508)
3923.22794 (13111207)
 4215438.0 | 2389.70901 (14010808)   2485.34236 (16112108)   2870.45166 (15112508)   2967.29773 (14110707)
3160.39834 (13111207)
 4215418.0 | 1927.75213 (16112108)   2310.98131 (13121808)   2449.01257 (15112508)   2565.48719 (14110707)
2656.57087 (16112107)
 4215398.0 | 1883.52270 (16112108)   2077.51875 (15112508)   2065.45403 (16121307)   2248.65921 (13111207)
2283.44384 (16121208)
 4215378.0 | 1773.22280 (13121808)   1839.76238 (15112508)   1901.68833 (14110707)   1987.29199 (13111207)
1996.17372 (16121208)
 4215358.0 | 1627.62335 (15112508)   1618.92277 (16121307)   1731.45319 (14110707)   1769.02190 (16112107)
1752.78836 (16121208)
 4215338.0 | 1461.38098 (15112508)   1477.67495 (14122408)   1579.47140 (13111207)   1609.39607 (16112107)
1559.44783 (17012507)
 4215318.0 | 1322.88762 (16121307)   1395.33513 (14110707)   1451.36845 (13111207)   1458.27140 (16112107)
1420.48707 (17012507)
 4215298.0 | 1220.48465 (14122408)   1296.96295 (14110707)   1318.69406 (13111207)   1339.24163 (16121208)
1298.59496 (17012507)
 4215278.0 | 1141.95081 (14110707)   1202.68763 (13111207)   1217.77445 (16112107)   1230.31962 (16121208)
1190.27088 (17012507)
 4215258.0 | 1093.85952 (14110707)   1130.71628 (13111207)   1140.49858 (16112107)   1127.38817 (16121208)

1093.73662 (17012507)
 4215238.0 | 1027.76986 (14110707)   1050.58704 (13111207)   1061.58927 (16112107)   1031.32732 (16121208)
1007.16855 (17012507)
 4215218.0 | 957.42737 (13111207)   965.15467 (13111207)   985.67409 (16121208)   952.95584 (17012507)
929.46287 (17012507)
 4215198.0 | 917.48589 (13111207)   911.97001 (16112107)   930.23244 (16121208)   900.20875 (17012507)
860.10227 (17012507)
 4215178.0 | 870.84805 (13111207)   873.89734 (16112107)   879.44478 (16121208)   852.33070 (17012507)
799.81966 (17012507)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
                L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539244.00   539264.00   539284.00   539304.00
539324.00
 -
- - - - - - - -

 4215158.0 | 820.23721 (13111207)   834.18338 (16112107)   830.51419 (16121208)   808.87420 (17012507)
746.28018 (17012507)
 4215138.0 | 769.46158 (13111207)   790.29958 (16112107)   780.04892 (16121208)   765.80132 (17012507)
695.26912 (17012507)
 4215118.0 | 741.09424 (16112107)   753.69000 (16112107)   735.29170 (16121208)   726.25685 (17012507)
650.51154 (17012507)
 4215098.0 | 726.06563 (16112107)   730.22594 (16121208)   689.56621 (16121208)   687.92186 (17012507)
607.99865 (17012507)
 4215078.0 | 705.63382 (16112107)   701.37215 (16121208)   649.00194 (17012507)   655.69273 (17012507)
571.64190 (15010809)
 4215058.0 | 682.17370 (16112107)   674.84632 (16121208)   627.83750 (17012507)   623.79007 (17012507)
547.67812 (15010809)
 4215038.0 | 653.31686 (16112107)   645.35896 (16121208)   608.39139 (17012507)   596.17106 (17012507)
529.04394 (15010809)
 4215018.0 | 622.71242 (16112107)   614.88012 (16121208)   590.78612 (17012507)   568.44457 (17012507)
512.25793 (15010809)
 4214998.0 | 605.61788 (16121208)   586.01524 (16121208)   570.44659 (17012507)   542.97918 (17012507)
495.77666 (15010809)
 4214978.0 | 587.49681 (16121208)   555.68882 (16121208)   550.60453 (17012507)   517.39205 (17012507)
480.53218 (15010809)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,

L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
                L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539344.00   539364.00   539384.00   539404.00
539424.00
 -
- - - - - - - -

 4215958.0 | 620.51703 (13110607)   615.91726 (14120907)   657.25122 (14120907)   622.10768 (15122108)
628.02395 (15122108)
 4215938.0 | 665.62642 (13110607)   661.04536 (14120907)   697.34625 (14120907)   666.29949 (15122108)
657.68089 (15122108)
 4215918.0 | 718.27807 (13110607)   711.75894 (14120907)   741.30114 (14120907)   713.35093 (15122108)
687.11206 (15122108)
 4215898.0 | 781.24172 (13110607)   769.60969 (14120907)   789.82826 (14120907)   763.84918 (15122108)
727.03017 (15113008)
 4215878.0 | 812.00331 (13110607)   836.47431 (14120907)   844.32743 (14120907)   818.05175 (15122108)
785.14598 (15113008)
 4215858.0 | 812.62044 (13110607)   874.48863 (14120907)   905.68775 (14120907)   875.54600 (15122108)
844.21841 (15113008)
 4215838.0 | 831.43633 (13110607)   892.16165 (14120907)   975.74111 (14120907)   937.17556 (15122108)
903.06516 (15113008)
 4215818.0 | 890.02119 (13110607)   933.80942 (14120907)   961.77844 (14120907)   1003.20099 (15122108)
981.74729 (14012807)
 4215798.0 | 965.42292 (13110607)   1011.39979 (14120907)   1055.46487 (15122108)   1066.80097 (15113008)
1061.03801 (14012807)
 4215778.0 | 1047.81787 (13110607)   1091.57851 (14120907)   1098.38904 (15122108)   1123.45014 (15113008)
1144.45695 (15012808)
 4215758.0 | 1145.17332 (13110607)   1201.40268 (14120907)   1190.88555 (15122108)   1172.41878 (14012807)
1190.28304 (15012808)
 4215738.0 | 1264.08781 (13110607)   1326.69335 (14120907)   1301.96325 (15122108)   1276.68030 (14012807)
1223.70547 (15012808)
 4215718.0 | 1409.01805 (13110607)   1469.27025 (14120907)   1438.38133 (15122108)   1398.61793 (15012808)
1367.65541 (14011007)
 4215698.0 | 1587.59281 (13110607)   1644.36794 (14120907)   1604.42215 (15113008)   1566.12741 (15012808)
1489.26452 (15121507)
 4215678.0 | 1811.31529 (13110607)   1864.54122 (14120907)   1824.38885 (14012807)   1743.08508 (14011007)
1692.43944 (16012107)
 4215658.0 | 2098.37615 (13110607)   2151.09052 (14120907)   2097.31764 (14012807)   1980.44688 (15012008)
1887.88170 (16011107)
 4215638.0 | 2487.29153 (15112607)   2543.76970 (14120907)   2445.18770 (15012808)   2300.82767 (16011107)
2090.28246 (16010407)
 4215618.0 | 3083.25659 (15112607)   3166.45722 (15122108)   2950.91373 (16012107)   2655.48301 (16010407)
2305.45200 (15112608)
 4215598.0 | 4023.23408 (15120816)   4220.79187 (14012807)   3639.13125 (16010407)   3046.89025 (15112608)
2578.20164 (15112608)
 4215578.0 | 5449.41361 (15120816)   5534.02549 (14012807)   4477.36611 (15112608)   3364.64983 (15112608)
2896.58427 (15011308)
 4215558.0 | 4863.05163 (15120816)   5170.03786 (15112608)   5353.93241 (15011308)   3925.87941 (15011308)
3070.88643 (15012007)
 4215538.0 | 4645.46500 (14121816)   5114.25591 (15012007)   5612.02340 (15012007)   4404.94628 (15012007)
3405.50736 (15012007)
 4215518.0 | 4510.31233 (13111808)   5075.00132 (13111808)   5702.99631 (13111808)   4907.60832 (13111808)
3699.95807 (13111808)
 4215498.0 | 4823.86533 (16112107)   4971.66262 (17011208)   5338.05589 (17011208)   4889.32712 (17011208)
3375.88242 (13111808)
 4215478.0 | 5199.88037 (16121208)   5196.82410 (16121207)   5252.94751 (16011507)   3797.00939 (13011107)
3423.89558 (17011208)
 4215458.0 | 3976.54982 (16121208)   4018.00762 (13120208)   3914.97002 (15011508)   3560.36473 (16011507)

2694.45532 (13011107)
 4215438.0 | 3067.44268 (16121208)   3189.00803 (13120208)   3158.92407 (15011508)   3004.31271 (16011507)
2427.02414 (16011507)
 4215418.0 | 2548.32367 (16121207)   2665.31247 (16121207)   2675.12412 (15012109)   2553.80507 (16120107)
2394.13060 (16011507)
 4215398.0 | 2190.73836 (16121207)   2299.71230 (16121207)   2317.31796 (15012109)   2205.80268 (15012108)
2145.40557 (16011507)
 4215378.0 | 1919.51449 (16121207)   2023.63870 (16121207)   2027.14863 (15012109)   1964.50643 (15011508)
1893.91771 (16120107)
 4215358.0 | 1707.39725 (16121207)   1807.93028 (16121207)   1781.35378 (15012109)   1781.72022 (15011508)
1719.58848 (16120107)
 4215338.0 | 1534.18455 (16121207)   1632.98561 (16121207)   1596.61152 (13120208)   1620.33061 (15012109)
1542.68606 (15012108)
 4215318.0 | 1389.39549 (16121207)   1488.45024 (16121207)   1466.50345 (13120208)   1492.47348 (15012109)
1411.28329 (15011508)
 4215298.0 | 1265.99875 (16121207)   1366.42562 (16121207)   1350.67177 (13120208)   1367.03854 (15012109)
1327.62350 (15011508)
 4215278.0 | 1159.64111 (16121207)   1261.10038 (16121207)   1247.10156 (13120208)   1245.88781 (15012109)
1231.11569 (15011508)
 4215258.0 | 1067.35325 (16121207)   1167.97629 (16121207)   1152.69888 (13120208)   1129.85400 (15012109)
1151.42323 (15012109)
 4215238.0 | 985.94263 (16121207)   1086.42865 (16121207)   1066.25657 (13120208)   1037.55346 (14122407)
1086.02193 (15012109)
 4215218.0 | 914.48333 (16121207)   1014.08264 (16121207)   987.04554 (13120208)   972.08681 (13120208)
1016.10287 (15012109)
 4215198.0 | 851.06905 (16121207)   949.39635 (16121207)   914.38653 (13120208)   924.13261 (13120208)
943.82634 (15012109)
 4215178.0 | 796.18326 (14012108)   891.15037 (16121207)   847.22151 (13120208)   877.56047 (13120208)
871.12104 (15012109)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
                L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539344.00   539364.00   539384.00   539404.00
539424.00
 -
- - - - - - - -

 4215158.0 | 752.11658 (15010809)   838.89482 (16121207)   802.12122 (16121207)   831.80175 (13120208)
811.91239 (14122407)
 4215138.0 | 712.37699 (15010809)   792.24010 (16121207)   765.34325 (16121207)   787.39668 (13120208)
759.67395 (14122407)
 4215118.0 | 676.40028 (15010809)   749.82138 (16121207)   732.59784 (16121207)   744.75672 (13120208)
708.40352 (14122407)
 4215098.0 | 643.85011 (15010809)   712.56745 (16121207)   703.97860 (16121207)   705.05631 (13120208)
683.08371 (13120208)
 4215078.0 | 612.93955 (15010809)   677.38982 (16121207)   678.23389 (16121207)   667.95480 (13120208)
660.29108 (13120208)
 4215058.0 | 586.11576 (15010809)   645.48435 (16121207)   652.77314 (16121207)   631.66589 (13120208)

638.32892 (13120208)
 4215038.0 | 564.56396 (15010809)   615.55204 (16121207)   626.06408 (16121207)   597.06801 (13120208)
615.45111 (13120208)
 4215018.0 | 542.30855 (15010809)   590.66865 (16121207)   603.03654 (16121207)   562.88753 (13120208)
592.36641 (13120208)
 4214998.0 | 524.41281 (15010809)   566.07991 (16121207)   579.20815 (16121207)   533.49827 (13010807)
569.31534 (13120208)
 4214978.0 | 505.12059 (15010809)   544.27684 (16121207)   556.68338 (16121207)   516.52962 (13010807)
546.81186 (13120208)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
               L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
               L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
               L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539444.00   539464.00   539484.00   539504.00
539524.00
 -
- - - - - - - -

 4215958.0 | 610.93941 (15113008)   606.80426 (14012807)   587.59613 (15012808)   563.97684 (15012808)
554.71679 (14011007)
 4215938.0 | 647.49606 (15113008)   638.17596 (14012807)   622.01646 (15012808)   572.35098 (15012808)
589.49227 (14011007)
 4215918.0 | 682.84270 (15113008)   665.31396 (14012807)   650.47193 (15012808)   622.41204 (14011007)
614.08249 (14011007)
 4215898.0 | 728.73849 (14012807)   706.25372 (15012808)   670.99895 (15012808)   669.21479 (14011007)
648.39241 (15121507)
 4215878.0 | 776.80491 (14012807)   753.04906 (15012808)   704.58858 (14011007)   704.02355 (14011007)
690.15240 (15012008)
 4215858.0 | 821.00238 (14012807)   791.52929 (15012808)   768.23350 (14011007)   745.00787 (15121507)
736.29181 (16012107)
 4215838.0 | 874.54082 (15012808)   818.60282 (15012808)   818.58295 (14011007)   798.38129 (15012008)
767.00290 (16012107)
 4215818.0 | 943.08609 (15012808)   895.85098 (14011007)   869.91119 (15121507)   855.62942 (16012107)
823.09144 (16011107)
 4215798.0 | 1001.36884 (15012808)   970.58417 (14011007)   940.43901 (15012008)   902.78915 (16011107)
849.50800 (16011107)
 4215778.0 | 1071.63654 (14011007)   1040.52071 (15121507)   1013.61673 (16012107)   964.61151 (16011107)
924.10693 (16010407)
 4215758.0 | 1188.10201 (14011007)   1140.01065 (16012107)   1089.46812 (16011107)   1029.53809 (16010407)
948.43573 (16010407)
 4215738.0 | 1228.62951 (15121507)   1234.05954 (16012107)   1149.65079 (16010407)   1087.73693 (16010407)
962.55533 (13111508)
 4215718.0 | 1321.76031 (16012107)   1346.90058 (16011107)   1257.50436 (16010407)   1092.83514 (13111508)
1048.11580 (16012908)
 4215698.0 | 1452.35132 (16011107)   1411.54684 (16010407)   1272.17717 (16010407)   1193.29041 (16012908)
1181.18003 (15112608)
 4215678.0 | 1572.63283 (16010407)   1418.69131 (16010407)   1328.03559 (16012908)   1363.05293 (15112608)
1224.79333 (15112608)
 4215658.0 | 1704.15256 (16010407)   1514.39783 (16012908)   1489.83572 (15112608)   1397.43735 (15112608)

1175.42319 (17012008)
 4215638.0 | 1847.25159 (15112608)   1745.12051 (15112608)   1486.16640 (15112608)   1340.00865 (17012008)
1324.84795 (17012008)
 4215618.0 | 2095.67687 (15112608)   1711.61468 (15112608)   1599.45564 (17012008)   1534.30279 (15011308)
1473.76616 (15011308)
 4215598.0 | 2153.62149 (17012008)   2021.97174 (15011308)   1824.43599 (15011308)   1595.48446 (15011308)
1359.83909 (15011308)
 4215578.0 | 2496.19834 (15011308)   2106.61902 (15011308)   1790.59562 (15012007)   1676.34753 (15012007)
1573.36125 (15012007)
 4215558.0 | 2655.58484 (15012007)   2328.01460 (15012007)   2041.82853 (15012007)   1772.86877 (15012007)
1574.60840 (15012007)
 4215538.0 | 2728.34464 (15012007)   2195.70108 (15012007)   1788.86439 (15122507)   1612.66148 (15122507)
1495.04467 (15122507)
 4215518.0 | 2982.44586 (13111808)   2533.67145 (13111808)   2181.18144 (13111808)   1962.57259 (13111808)
1786.70558 (13111808)
 4215498.0 | 2739.72669 (13111808)   2289.09226 (13111808)   2024.24201 (13111808)   1818.90500 (13111808)
1616.07538 (13111808)
 4215478.0 | 2897.40379 (17011208)   2401.06443 (17011208)   1933.53248 (17011208)   1544.85111 (17011208)
1223.92018 (17011208)
 4215458.0 | 2184.50576 (17011208)   2168.93565 (17011208)   2003.73411 (17011208)   1770.53186 (17011208)
1521.23089 (17011208)
 4215438.0 | 2074.04393 (13011107)   1661.17157 (13011107)   1473.75375 (17011208)   1520.61059 (17011208)
1475.87204 (17011208)
 4215418.0 | 1883.37373 (17012308)   1677.65231 (13011107)   1403.74257 (13011107)   1160.65549 (16033107)
1084.46959 (17011208)
 4215398.0 | 1842.07238 (16011507)   1570.15859 (17012308)   1400.96862 (13011107)   1211.53943 (13011107)
978.86955 (16033107)
 4215378.0 | 1818.15244 (16011507)   1469.68836 (16112908)   1338.09707 (17012308)   1197.13432 (13011107)
1062.90405 (13011107)
 4215358.0 | 1663.58762 (16011507)   1495.28553 (16011507)   1226.25282 (16112908)   1159.86157 (17012308)
1040.85002 (13011107)
 4215338.0 | 1489.17020 (16120107)   1465.65824 (16011507)   1205.00456 (16011507)   1054.99547 (13112207)
1019.94943 (17012308)
 4215318.0 | 1398.31212 (16120107)   1348.71175 (16011507)   1259.35087 (16011507)   1052.16071 (16112908)
944.30117 (17012308)
 4215298.0 | 1273.64035 (16121907)   1216.29571 (16120107)   1223.28002 (16011507)   1061.32895 (16011507)
920.82474 (16112908)
 4215278.0 | 1167.56203 (15012108)   1168.78431 (16120107)   1124.15296 (16011507)   1084.14681 (16011507)
899.03288 (16112908)
 4215258.0 | 1091.40561 (15011508)   1086.20684 (16120107)   1023.30212 (16120107)   1042.56865 (16011507)
943.48353 (16011507)
 4215238.0 | 1047.21802 (15011508)   1003.69597 (15012108)   998.60938 (16120107)   955.23796 (16011507)
946.96007 (16011507)
 4215218.0 | 989.39091 (15011508)   924.91109 (15012108)   944.12868 (16120107)   879.62169 (16120107)
902.08578 (16011507)
 4215198.0 | 922.80304 (15011508)   885.25875 (15011508)   877.39290 (16121907)   867.91181 (16120107)
823.75310 (16011507)
 4215178.0 | 886.07074 (15012109)   859.39564 (15011508)   820.02225 (15012108)   830.38301 (16120107)
768.36656 (16120107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
                L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

4215158.0	845.66207 (15012109)	822.01415 (15011508)	754.76371 (15012108)	777.89198 (16121907)
763.99003 (16120107)				
4215138.0	799.98020 (15012109)	775.80882 (15011508)	740.91762 (15011508)	731.01759 (15012108)
738.30501 (16120107)				
4215118.0	751.27717 (15012109)	737.06348 (15012109)	723.85584 (15011508)	683.21818 (15012108)
695.71184 (16120107)				
4215098.0	701.00078 (15012109)	713.99762 (15012109)	697.59376 (15011508)	642.64608 (13122708)
657.62007 (16112308)				
4215078.0	658.16998 (14122407)	685.39665 (15012109)	664.54995 (15011508)	634.13524 (15011508)
621.96188 (16112308)				
4215058.0	624.25518 (14122407)	653.01501 (15012109)	626.35519 (15011508)	622.60676 (15011508)
578.73369 (15012108)				
4215038.0	590.40257 (14122407)	618.17622 (15012109)	610.78329 (15012109)	603.58840 (15011508)
559.72883 (13122708)				
4215018.0	556.15565 (14122407)	582.44345 (15012109)	593.55093 (15012109)	578.52377 (15011508)
552.40612 (15011508)				
4214998.0	538.52128 (13120208)	551.48533 (14122407)	573.49289 (15012109)	549.48147 (15011508)
543.94925 (15011508)				
4214978.0	529.98899 (13120208)	529.97298 (14122407)	551.02289 (15012109)	529.63248 (15012109)
529.65765 (15011508)				

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

4215958.0	541.98205 (14011007)	536.75798 (15012008)	530.68915 (16012107)	513.47266 (16011107)
495.04973 (16011107)				
4215938.0	571.93963 (15121507)	566.76324 (16012107)	541.53129 (16012107)	536.61526 (16011107)
506.53501 (16010407)				
4215918.0	604.99369 (15012008)	593.60280 (16012107)	577.17376 (16011107)	541.80230 (16011107)
542.01831 (16010407)				
4215898.0	641.94909 (16012107)	615.51847 (16011107)	596.57563 (16011107)	579.14330 (16010407)
555.93475 (16010407)				
4215878.0	671.26221 (16012107)	653.13452 (16011107)	617.76715 (16010407)	605.95877 (16010407)
545.32580 (16010407)				
4215858.0	708.89719 (16011107)	665.89761 (16011107)	660.27482 (16010407)	604.66075 (16010407)

544.63625 (13111508)
 4215838.0 | 743.08470 (16011107)   718.31549 (16010407)   671.31006 (16010407)   588.79747 (13111508)
581.91892 (13111508)
 4215818.0 | 779.89373 (16010407)   745.83150 (16010407)   646.34581 (16010407)   635.44797 (13111508)
628.18787 (16012908)
 4215798.0 | 829.88936 (16010407)   731.66504 (16010407)   697.59826 (13111508)   686.34558 (16012908)
675.30691 (15112608)
 4215778.0 | 831.48852 (16010407)   770.65420 (13111508)   754.33486 (16012908)   743.94899 (15112608)
729.41245 (15112608)
 4215758.0 | 857.74052 (13111508)   834.87788 (16012908)   824.82940 (15112608)   799.20783 (15112608)
720.78945 (15112608)
 4215738.0 | 931.44891 (16012908)   921.35014 (15112608)   879.80097 (15112608)   780.75474 (15112608)
650.82502 (15112608)
 4215718.0 | 1038.05290 (15112608)   974.94490 (15112608)   848.91698 (15112608)   715.35123 (17012008)
741.38653 (17012008)
 4215698.0 | 1087.73398 (15112608)   926.56159 (15112608)   843.02805 (17012008)   845.17859 (17012008)
804.16149 (17012008)
 4215678.0 | 1017.84740 (15112608)   988.81083 (17012008)   953.29661 (17012008)   893.07403 (15011308)
886.44267 (15011308)
 4215658.0 | 1150.99290 (17012008)   1065.61779 (15011308)   1053.41437 (15011308)   1000.61549 (15011308)
917.11045 (15011308)
 4215638.0 | 1290.26150 (15011308)   1210.60776 (15011308)   1096.62810 (15011308)   962.80017 (15011308)
819.93435 (15011308)
 4215618.0 | 1351.25276 (15011308)   1166.15910 (15011308)   977.20861 (15011308)   938.70315 (15012007)
924.33187 (15012007)
 4215598.0 | 1308.94414 (15012007)   1259.46566 (15012007)   1196.31270 (15012007)   1120.98904 (15012007)
1038.50490 (15012007)
 4215578.0 | 1484.96976 (15012007)   1400.90294 (15012007)   1243.44138 (15012007)   1095.60100 (15012007)
960.03153 (15012007)
 4215558.0 | 1416.25755 (15012007)   1230.97825 (15012007)   1026.05033 (15012007)   856.08378 (15012007)
781.99709 (15122507)
 4215538.0 | 1403.81091 (15122507)   1268.37454 (15122507)   1153.76066 (15122507)   1055.75497 (15122507)
971.52935 (15122507)
 4215518.0 | 1587.14928 (13111808)   1423.18475 (13111808)   1286.62010 (13111808)   1171.58248 (13111808)
1072.87036 (13111808)
 4215498.0 | 1452.26242 (13111808)   1316.87217 (13111808)   1203.23224 (13111808)   1106.16838 (13111808)
1022.25135 (13111808)
 4215478.0 | 963.18074 (17011208)   887.83762 (13111808)   841.75834 (13111808)   799.10098 (13111808)
759.66788 (13111808)
 4215458.0 | 1281.54252 (17011208)   1063.47278 (17011208)   872.77623 (17011208)   710.77222 (17011208)
576.43533 (17011208)
 4215438.0 | 1370.50475 (17011208)   1232.51941 (17011208)   1081.71077 (17011208)   931.88976 (17011208)
791.77860 (17011208)
 4215418.0 | 1143.36241 (17011208)   1143.34461 (17011208)   1096.92875 (17011208)   1019.15109 (17011208)
923.26904 (17011208)
 4215398.0 | 898.48802 (16033107)   841.93729 (17011208)   898.82318 (17011208)   916.09532 (17011208)
899.31931 (17011208)
 4215378.0 | 859.28922 (13011107)   791.99809 (16033107)   717.60800 (16033107)   677.74479 (17011208)
728.95143 (17011208)
 4215358.0 | 943.48493 (13011107)   786.01441 (13011107)   695.01427 (16033107)   653.03587 (16033107)
587.14873 (16033107)
 4215338.0 | 916.37131 (13011107)   845.27599 (13011107)   721.90881 (13011107)   608.42534 (16033107)
589.77639 (16033107)
 4215318.0 | 906.31964 (17012308)   814.71374 (13011107)   763.12743 (13011107)   665.97948 (13011107)
549.24644 (13011107)
 4215298.0 | 851.95105 (17012308)   812.81277 (17012308)   731.24529 (13011107)   693.98247 (13011107)
617.02148 (13011107)
 4215278.0 | 815.34165 (13112207)   773.83842 (17012308)   735.39866 (17012308)   661.47618 (13011107)
634.98362 (13011107)
 4215258.0 | 810.96701 (16112908)   733.08657 (13112207)   707.30632 (17012308)   670.04630 (17012308)
602.58557 (13011107)
 4215238.0 | 810.56592 (16011507)   730.79020 (16112908)   661.60062 (13112207)   649.92486 (17012308)
614.40800 (17012308)
 4215218.0 | 845.37352 (16011507)   708.70667 (16112908)   658.94207 (16112908)   598.78687 (13112207)
599.93385 (17012308)
 4215198.0 | 835.27891 (16011507)   744.62473 (16011507)   653.10322 (16112908)   601.45246 (13112207)
548.87646 (17012308)
 4215178.0 | 789.48758 (16011507)   761.01334 (16011507)   649.49235 (16011507)   600.72219 (16112908)
554.36686 (13112207)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539544.00	539564.00	539584.00	539604.00	539624.00
4215158.0	717.90282 (16011507)	743.15049 (16011507)	684.21912 (16011507)	578.99306 (16112908)	552.15014 (16112908)
4215138.0	680.48499 (16120107)	697.42148 (16011507)	688.36546 (16011507)	608.81714 (16011507)	542.10799 (16112908)
4215118.0	680.66934 (16120107)	632.15694 (16011507)	665.17253 (16011507)	629.16615 (16011507)	538.14710 (16011507)
4215098.0	662.85863 (16120107)	609.53270 (16120107)	620.30593 (16011507)	624.62117 (16011507)	569.48744 (16011507)
4215078.0	630.44201 (16120107)	612.22244 (16120107)	560.55140 (16011507)	598.23961 (16011507)	579.52054 (16011507)
4215058.0	597.54659 (16121907)	599.84147 (16120107)	550.51644 (16120107)	555.44972 (16011507)	569.02510 (16011507)
4215038.0	569.10750 (16112308)	574.63869 (16120107)	554.84340 (16120107)	500.66792 (16011507)	540.89057 (16011507)
4215018.0	535.14354 (16112308)	546.42451 (16121907)	546.14194 (16120107)	501.32102 (16120107)	499.99431 (16011507)
4214998.0	498.29523 (13122708)	521.80917 (16112308)	526.57072 (16120107)	506.31289 (16120107)	449.86355 (16011507)
4214978.0	493.83519 (13122708)	495.92431 (16112308)	501.80258 (16121907)	500.44038 (16120107)	459.51047 (16120107)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539644.00	539664.00	539684.00	539704.00	539724.00
4215958.0	481.36335 (16010407)	470.81210 (16010407)	429.28719 (16010407)	384.83047 (13111508)	388.28862 (13111508)
4215938.0	505.67865 (16010407)	467.78833 (16010407)	406.97521 (13111508)	413.27008 (13111508)	412.56443 (16012908)
4215918.0	510.02489 (16010407)	445.83774 (16010407)	440.39236 (13111508)	438.55305 (16012908)	434.14242 (16012908)
4215898.0	492.43464 (16010407)	470.75990 (13111508)	467.05664 (16012908)	463.12787 (16012908)	449.08634 (15112608)
4215878.0	505.55080 (13111508)	500.27485 (16012908)	496.02627 (16012908)	482.71763 (15112608)	491.96475 (15112608)
4215858.0	538.19084 (16012908)	534.10925 (16012908)	521.26221 (15112608)	528.08963 (15112608)	505.46635 (15112608)
4215838.0	577.92929 (16012908)	565.77990 (15112608)	568.94023 (15112608)	539.32794 (15112608)	485.30085 (15112608)
4215818.0	616.77219 (15112608)	615.68987 (15112608)	577.41192 (15112608)	512.93780 (15112608)	434.25452 (15112608)
4215798.0	668.75998 (15112608)	620.01907 (15112608)	543.09136 (15112608)	467.43912 (13012907)	454.60206 (17012008)
4215778.0	667.53099 (15112608)	576.12766 (15112608)	505.12433 (13012907)	515.64973 (17012008)	525.34403 (17012008)
4215758.0	611.89073 (15112608)	559.61472 (17012008)	582.63444 (17012008)	579.45678 (17012008)	554.01468 (17012008)
4215738.0	645.53572 (17012008)	654.57134 (17012008)	633.86062 (17012008)	590.05831 (17012008)	588.56036 (15011308)
4215718.0	729.13807 (17012008)	686.16255 (17012008)	667.54310 (15011308)	662.63540 (15011308)	637.39557 (15011308)
4215698.0	765.81842 (15011308)	760.62262 (15011308)	729.74308 (15011308)	678.50482 (15011308)	614.33489 (15011308)
4215678.0	846.78057 (15011308)	782.37807 (15011308)	702.31749 (15011308)	614.39140 (15011308)	525.60502 (15011308)
4215658.0	814.55339 (15011308)	703.46462 (15011308)	593.22749 (15011308)	560.87825 (15012007)	573.11022 (15012007)
4215638.0	707.84879 (15012007)	717.68215 (15012007)	716.49883 (15012007)	705.73980 (15012007)	686.96873 (15012007)
4215618.0	896.79632 (15012007)	859.21257 (15012007)	813.40765 (15012007)	763.84038 (15012007)	711.13558 (15012007)
4215598.0	952.63586 (15012007)	867.10547 (15012007)	783.24701 (15012007)	704.60337 (15012007)	630.81526 (15012007)
4215578.0	838.04349 (15012007)	728.68252 (15012007)	632.46045 (15012007)	548.80025 (15012007)	476.97175 (15020508)
4215558.0	732.85659 (15122507)	689.13520 (15122507)	650.43309 (15122507)	616.33877 (15122507)	585.23006 (15122507)
4215538.0	897.56265 (15122507)	832.64471 (15122507)	775.87636 (15122507)	726.39090 (15122507)	682.01685 (15122507)
4215518.0	987.42355 (13111808)	912.77721 (13111808)	847.53930 (13111808)	790.42595 (13111808)	739.23700 (13111808)
4215498.0	948.90059 (13111808)	884.47361 (13111808)	826.92016 (13111808)	776.03276 (13111808)	730.23279 (13111808)
4215478.0	723.30111 (13111808)	689.34112 (13111808)	657.70287 (13111808)	628.64726 (13111808)	601.26210 (13111808)
4215458.0	467.12892 (17011208)	428.60276 (13111808)	423.58981 (13111808)	417.68351 (13111808)	410.97194 (13111808)
4215438.0	665.90253 (17011208)	556.09867 (17011208)	462.42910 (17011208)	383.99502 (17011208)	318.95696 (17011208)
4215418.0	819.97793 (17011208)	717.10339 (17011208)	619.76773 (17011208)	530.82369 (17011208)	451.71279 (17011208)
4215398.0	856.20526 (17011208)	795.28728 (17011208)	724.19100 (17011208)	648.78558 (17011208)	573.78267 (17011208)
4215378.0	752.89154 (17011208)	751.51113 (17011208)	729.15357 (17011208)	690.92288 (17011208)	641.99680 (17011208)

 4215358.0 | 560.31853 (17011208)   605.46069 (17011208)   631.12579 (17011208)   637.94904 (17011208)
628.21961 (17011208)
 4215338.0 | 547.33755 (16033107)   490.42816 (15122408)   472.82990 (17011208)   512.26888 (17011208)
537.59047 (17011208)
 4215318.0 | 529.97446 (16033107)   505.63106 (16033107)   465.35646 (16033107)   418.29361 (15122408)
405.38628 (17011208)
 4215298.0 | 519.96534 (13011107)   474.71027 (16033107)   463.89193 (16033107)   437.44945 (16033107)
400.45661 (15122408)
 4215278.0 | 573.45243 (13011107)   492.54214 (13011107)   424.28156 (16033107)   423.35491 (16033107)
408.01175 (16033107)
 4215258.0 | 583.82277 (13011107)   534.60785 (13011107)   466.72535 (13011107)   392.28213 (13011107)
385.04677 (16033107)
 4215238.0 | 551.76748 (13011107)   539.13608 (13011107)   499.65739 (13011107)   442.49202 (13011107)
377.91293 (13011107)
 4215218.0 | 566.24587 (17012308)   507.75629 (13011107)   499.86996 (13011107)   468.11852 (13011107)
419.97746 (13011107)
 4215198.0 | 556.31216 (17012308)   524.47595 (17012308)   469.31301 (13011107)   465.04581 (13011107)
439.60193 (13011107)
 4215178.0 | 514.00522 (17012308)   517.89069 (17012308)   487.80039 (17012308)   435.57981 (13011107)
434.15544 (13011107)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
                L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
                L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
                L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539644.00   539664.00   539684.00   539704.00
539724.00
 -
- - - - - - - -

 4215158.0 | 511.87601 (13112207)   482.56801 (17012308)   483.79312 (17012308)   455.53092 (17012308)
405.86119 (17012308)
 4215138.0 | 507.48099 (16112908)   473.16270 (13112207)   454.51315 (17012308)   453.55148 (17012308)
426.85867 (17012308)
 4215118.0 | 506.29101 (16112908)   470.77624 (13112207)   438.52297 (13112207)   429.01743 (17012308)
426.39934 (17012308)
 4215098.0 | 485.87160 (16112908)   471.39910 (16112908)   441.28521 (13112207)   407.02366 (13112207)
405.69771 (17012308)
 4215078.0 | 511.22913 (16011507)   459.49493 (16112908)   438.97594 (16112908)   413.61793 (13112207)
378.47978 (13112207)
 4215058.0 | 531.97142 (16011507)   455.78749 (16011507)   433.91837 (16112908)   408.61926 (16112908)
387.96268 (13112207)
 4215038.0 | 534.46840 (16011507)   484.40377 (16011507)   414.93826 (16112908)   408.96226 (16112908)
383.36364 (13112207)
 4215018.0 | 519.86850 (16011507)   496.86651 (16011507)   438.29409 (16011507)   396.41538 (16112908)
384.91812 (16112908)
 4214998.0 | 491.63378 (16011507)   493.68269 (16011507)   457.97746 (16011507)   394.94456 (16011507)
377.75380 (16112908)
 4214978.0 | 452.34350 (16011507)   476.95822 (16011507)   464.01903 (16011507)   419.39807 (16011507)
360.29657 (16112908)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0000340 , L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000555 , L0000556 ,
L0000557 , L0000558 , L0000559 , L0000560 , L0000561 , L0000562 , L0000563 , L0000564 ,
L0000565 , L0000566 , L0000567 , L0000568 , L0000569 , L0000570 , L0000571 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	2809.43047	(16121208)	539351.84	4215428.70	2925.46932	(16121207)
539361.84	4215428.70	2944.61328	(16121207)	539371.84	4215428.70	2903.16554	(13120208)
539381.84	4215428.70	2927.83076	(15012109)	539341.84	4215438.70	3140.96885	(16121208)
539351.84	4215438.70	3221.64347	(16121207)	539361.84	4215438.70	3238.30348	(16121207)
539371.84	4215438.70	3202.33787	(15012109)	539381.84	4215438.70	3200.14432	(15012109)
539341.84	4215448.70	3542.65708	(16121208)	539351.84	4215448.70	3591.63189	(16121207)
539361.84	4215448.70	3605.69681	(16121207)	539371.84	4215448.70	3575.68686	(15012109)
539381.84	4215448.70	3549.13703	(15011508)	539341.84	4215458.70	4045.51951	(16121208)
539351.84	4215458.70	4068.78877	(16121207)	539361.84	4215458.70	4078.42078	(16121207)
539371.84	4215458.70	4053.03904	(15012109)	539381.84	4215458.70	3999.98873	(15011508)
539341.84	4215468.70	4695.15084	(16121208)	539351.84	4215468.70	4696.23782	(16121207)
539361.84	4215468.70	4705.46407	(16121207)	539371.84	4215468.70	4686.58042	(15012109)
539381.84	4215468.70	4582.02002	(15011508)	539113.88	4215517.52	1108.10052	(14013007)
539096.52	4215515.99	997.09607	(14013007)	539108.26	4215501.18	929.73315	(14032507)
539096.01	4215500.67	857.40836	(14032507)	539108.26	4215486.38	1068.89431	(14032507)
539094.47	4215485.36	990.59007	(14032507)	539135.32	4215461.36	1030.46940	(14032507)
539150.13	4215439.91	1268.48614	(14010809)	539114.39	4215452.68	866.38712	(14032507)
539123.07	4215439.40	826.26938	(14010809)	539159.32	4215421.02	1551.79233	(15122508)
539145.02	4215416.43	1400.11250	(15122508)	539134.30	4215410.81	1309.63971	(15122508)
539131.75	4215425.11	1198.77491	(14010809)	539206.80	4215383.75	1278.66566	(14010808)
539215.99	4215372.52	1455.46090	(16112108)	539188.93	4215382.22	1414.73438	(14010808)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                              INCLUDING SOURCE(S):   L0000340   , L0000341   , L0000342   , L0000343   ,
L0000344   ,
               L0000345   , L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000555   ,
L0000556   ,
               L0000557   , L0000558   , L0000559   , L0000560   , L0000561   , L0000562   , L0000563   ,
L0000564   ,
               L0000565   , L0000566   , L0000567   , L0000568   , L0000569   , L0000570   , L0000571   ,
. . .   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
       539371.49   4215194.05   934.50170 (16121207)   539364.42   4215191.93   931.49510
(16121207)
       539344.64   4215200.41   863.61150 (16121207)   539409.65   4215113.48   736.57619
(13120208)

```
        539355.94   4215136.80      764.93816  (16121207)              539262.66   4215288.75     1248.03768
(14110707)
        539282.44   4215261.19     1148.86404  (16112107)              539299.41   4215235.04     1038.93371
(16121208)
        539168.48   4215647.44     1213.07453  (13111908)              538949.25   4216163.17      336.35781
(16010609)
        539352.01   4215796.95      924.61253  (14120907)              539358.95   4215583.01     5319.58110
(14120907)
        539293.80   4215538.56     4739.60135  (13111908)              539260.82   4215517.04     4192.32428
(14013007)
        539279.41   4215503.60     5141.03763  (13011008)              539292.18   4215495.55     5569.06165
(14010808)
        539318.95   4215487.21     5232.28984  (15111807)              539337.11   4215482.84     5416.14752
(13111207)
        539356.14   4215482.00     5293.83088  (16121207)              539369.89   4215483.02     5477.37142
(15011508)
        539384.66   4215486.57     5324.03451  (16011507)              539391.49   4215490.91     5419.63271
(17011208)
        539342.66   4215571.90     5545.95736  (15120816)              539326.38   4215560.79     5499.88414
(14121816)
        539310.09   4215549.67     5182.80559  (14121816)              539277.31   4215527.80     4292.46701
(13112007)
        539270.11   4215510.32     4724.21125  (14032507)              539305.56   4215491.38     5430.48442
(13121808)
        539384.98   4215509.33     5414.40225  (13111808)              539378.47   4215527.75     5554.96997
(15012007)
        539371.97   4215546.17     5158.21803  (15011308)              539365.46   4215564.59     5328.67258
(15112608)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 425
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                     *** THE SUMMARY OF MAXIMUM PERIOD ( 43848 HRS) RESULTS ***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3                        **

                                                                                                        NETWORK
GROUP ID                       AVERAGE CONC               RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- -

PAREA2    1ST HIGHEST VALUE IS     158.86602 AT (  539344.00,  4215538.00,     9.50,   567.00,    1.50)  GC  UCART1

          2ND HIGHEST VALUE IS     153.11570 AT (  539344.00,  4215518.00,     9.70,   567.00,    1.50)  GC  UCART1

          3RD HIGHEST VALUE IS     152.67138 AT (  539364.00,  4215538.00,     9.20,   567.00,    1.50)  GC  UCART1

          4TH HIGHEST VALUE IS     152.51599 AT (  539364.00,  4215518.00,     9.40,   567.00,    1.50)  GC  UCART1

          5TH HIGHEST VALUE IS     139.01627 AT (  539324.00,  4215518.00,     9.90,   567.00,    1.50)  GC  UCART1

          6TH HIGHEST VALUE IS     136.75722 AT (  539324.00,  4215538.00,     9.80,   567.00,    1.50)  GC  UCART1

          7TH HIGHEST VALUE IS     136.57486 AT (  539344.00,  4215558.00,     9.30,   567.00,    1.50)  GC  UCART1

          8TH HIGHEST VALUE IS     126.37660 AT (  539364.00,  4215558.00,     9.00,   567.00,    1.50)  GC  UCART1

          9TH HIGHEST VALUE IS     121.95895 AT (  539344.00,  4215498.00,     9.70,   567.00,    1.50)  GC  UCART1

         10TH HIGHEST VALUE IS     121.85947 AT (  539364.00,  4215498.00,     9.50,   567.00,    1.50)  GC  UCART1

TK1       1ST HIGHEST VALUE IS       3.84132 AT (  538949.25,  4216163.17,     6.98,   567.00,    1.50)  DC
```

	2ND HIGHEST VALUE IS	1.56430 AT (	538764.00,	4215958.00,	9.80,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	1.55677 AT (	538784.00,	4215958.00,	9.60,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	1.54824 AT (	538744.00,	4215958.00,	10.10,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	1.53302 AT (	538804.00,	4215958.00,	9.30,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	1.49332 AT (	538824.00,	4215958.00,	9.30,	567.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	1.44586 AT (	538844.00,	4215958.00,	9.30,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	1.39368 AT (	538864.00,	4215958.00,	9.30,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	1.36763 AT (	538784.00,	4215938.00,	9.80,	567.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	1.36456 AT (	538764.00,	4215938.00,	10.00,	567.00,	1.50)	GC	UCART1
TK2	1ST HIGHEST VALUE IS	11.77654 AT (	539324.00,	4215918.00,	6.70,	6.70,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	11.30460 AT (	539484.00,	4215578.00,	8.10,	8.10,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	11.14769 AT (	539244.00,	4215938.00,	6.50,	6.50,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	11.11513 AT (	539384.00,	4215798.00,	7.10,	7.10,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	11.06197 AT (	539444.00,	4215638.00,	7.80,	7.80,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	10.71862 AT (	539504.00,	4215658.00,	7.20,	7.20,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	10.71482 AT (	539484.00,	4215558.00,	8.40,	8.40,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	10.66196 AT (	539504.00,	4215578.00,	7.90,	7.90,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	10.61879 AT (	539464.00,	4215718.00,	6.90,	6.90,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	10.51789 AT (	539464.00,	4215558.00,	8.60,	8.60,	1.50)	GC	UCART1
CON1	1ST HIGHEST VALUE IS	135.89281 AT (	539344.00,	4215518.00,	9.70,	567.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	120.70098 AT (	539324.00,	4215518.00,	9.90,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	120.40094 AT (	539344.00,	4215538.00,	9.50,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	119.67089 AT (	539364.00,	4215518.00,	9.40,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	113.90966 AT (	539324.00,	4215538.00,	9.80,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	109.31661 AT (	539364.00,	4215538.00,	9.20,	567.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	96.05494 AT (	539304.00,	4215518.00,	10.00,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	91.36715 AT (	539378.47,	4215527.75,	9.13,	567.00,	1.50)	DC	
	9TH HIGHEST VALUE IS	89.78667 AT (	539371.97,	4215546.17,	9.02,	567.00,	1.50)	DC	
	10TH HIGHEST VALUE IS	89.75557 AT (	539344.00,	4215558.00,	9.30,	567.00,	1.50)	GC	UCART1

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
CON3	1ST HIGHEST VALUE IS	158.01166 AT (539364.00, 4215518.00, 9.40, 567.00, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	152.07459 AT (539344.00, 4215518.00, 9.70, 567.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	142.58428 AT (539364.00, 4215538.00, 9.20, 567.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	137.02506 AT (539344.00, 4215538.00, 9.50, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	131.47733 AT (539378.47, 4215527.75, 9.13, 567.00, 1.50)	DC	
	6TH HIGHEST VALUE IS	119.14965 AT (539324.00, 4215518.00, 9.90, 567.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	108.96575 AT (539344.00, 4215558.00, 9.30, 567.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	106.77355 AT (539324.00, 4215538.00, 9.80, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	105.37540 AT (539384.00, 4215538.00, 8.90, 567.00, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	103.83390 AT (539324.00, 4215498.00, 9.90, 567.00, 1.50)	GC	UCART1
ALL	1ST HIGHEST VALUE IS	443.27241 AT (539344.00, 4215518.00, 9.70, 567.00, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	433.30726 AT (539364.00, 4215518.00, 9.40, 567.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	418.63304 AT (539344.00, 4215538.00, 9.50, 567.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	407.68343 AT (539364.00, 4215538.00, 9.20, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	380.55689 AT (539324.00, 4215518.00, 9.90, 567.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	359.28205 AT (539324.00, 4215538.00, 9.80, 567.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	344.09039 AT (539378.47, 4215527.75, 9.13, 567.00, 1.50)	DC	
	8TH HIGHEST VALUE IS	337.72184 AT (539344.00, 4215558.00, 9.30, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	317.73264 AT (539364.00, 4215558.00, 9.00, 567.00, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	312.91683 AT (539344.00, 4215498.00, 9.70, 567.00, 1.50)	GC	UCART1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

```
                                                    DATE
        NETWORK
GROUP ID                        AVERAGE CONC     (YYMMDDHH)             RECEPTOR  (XR, YR, ZELEV, ZHILL, ZFLAG)
OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

PAREA2   HIGH   1ST HIGH VALUE IS    2407.30449  ON 16010407: AT (  539364.00,  4215578.00,     8.80,   567.00,
1.50)  GC  UCART1

TK1      HIGH   1ST HIGH VALUE IS     120.61030  ON 16121207: AT (  538949.25,  4216163.17,     6.98,   567.00,
1.50)  DC

TK2      HIGH   1ST HIGH VALUE IS     324.50414  ON 16011507: AT (  539544.00,  4215538.00,     7.80,     7.80,
1.50)  GC  UCART1

CON1     HIGH   1ST HIGH VALUE IS    1719.36981  ON 14121816: AT (  539304.00,  4215558.00,     9.70,   567.00,
1.50)  GC  UCART1

CON3     HIGH   1ST HIGH VALUE IS    2283.41318  ON 14121816: AT (  539326.38,  4215560.79,     9.48,   567.00,
1.50)  DC

ALL      HIGH   1ST HIGH VALUE IS    5702.99631  ON 13111808: AT (  539384.00,  4215518.00,     9.20,   567.00,
1.50)  GC  UCART1


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  17:02:24

  PAGE 428
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of        22066 Informational Message(s)

 A Total of        43848 Hours Were Processed

 A Total of        12563 Calm Hours Identified

 A Total of         9503 Missing Hours Identified ( 21.67 Percent)

 CAUTION!:  Number of Missing Hours Exceeds 10 Percent of Total!
            Data May Not Be Acceptable for Regulatory Applications.
            See Section 5.3.2 of "Meteorological Monitoring Guidance
            for Regulatory Modeling Applications" (EPA-454/R-99-005).


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W187    2291       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ***********************************
    *** AERMOD Finishes Successfully ***
    ***********************************
```

Operation

```
** Lakes Environmental AERMOD MPI
**
**************************************
**
** AERMOD INPUT PRODUCED BY:
** AERMOD VIEW VER. 13.0.0
** LAKES ENVIRONMENTAL SOFTWARE INC.
** DATE: 7/15/2025
** FILE: C:\LAKES\PROJECT FILES\NOVATO - OPERATIONAL JULY 2025\NOVATO - OPERATIONAL JULY 2025.ADI
**
**************************************
**
**
**************************************
** AERMOD CONTROL PATHWAY
**************************************
**
**
CO STARTING
   TITLEONE C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 260206 2021_MARIN_COUNTY_POPULATION
   POLLUTID PM_10
   FLAGPOLE 1.50
   RUNORNOT RUN
   ERRORFIL "NOVATO - OPERATIONAL JULY 2025.ERR"
CO FINISHED
**
**************************************
** AERMOD SOURCE PATHWAY
**************************************
**
**
SO STARTING
** SOURCE LOCATION **
** SOURCE ID - TYPE - X COORD. - Y COORD. **
   LOCATION SPIL1        VOLUME     539353.635  4215524.981        9.490
** DESCRSRC SPILLAGE
   LOCATION LOAD         POINT      539328.644  4215535.165        9.730
** DESCRSRC TANK LOADING (VENT) LOCATION
   LOCATION BREATH       POINT      539328.459  4215535.156        9.730
** DESCRSRC TANK BREATHING
   LOCATION REFILLING    VOLUME     539353.573  4215524.919        9.490
** DESCRSRC REFILLING STATIONS
   LOCATION HOSE         VOLUME     539353.573  4215524.919        9.490
** DESCRSRC HOSE
** ------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR1
** DESCRSRC CAR TRAFFIC 1  100%  ALL CAR TRAFFIC
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 4
** 538657.948, 4216139.463, 9.85, 1.30, 18.60
** 538860.695, 4216308.698, 6.29, 1.30, 18.60
** 538931.070, 4216320.427, 4.65, 1.30, 18.60
** 539009.823, 4216298.644, 5.58, 1.30, 18.60
** ------------------------------------------------------------------
   LOCATION L0000423     VOLUME   538665.625 4216145.871 9.72
   LOCATION L0000424     VOLUME   538696.333 4216171.503 9.18
   LOCATION L0000425     VOLUME   538727.041 4216197.135 8.64
   LOCATION L0000426     VOLUME   538757.749 4216222.768 8.10
   LOCATION L0000427     VOLUME   538788.457 4216248.400 7.56
   LOCATION L0000428     VOLUME   538819.165 4216274.032 7.02
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   LOCATION L0000429     VOLUME   538849.873 4216299.665 6.48
   LOCATION L0000430     VOLUME   538886.246 4216312.956 5.69
   LOCATION L0000431     VOLUME   538925.702 4216319.532 4.78
   LOCATION L0000432     VOLUME   538964.377 4216311.214 5.04
   LOCATION L0000433     VOLUME   539002.930 4216300.551 5.50
** END OF LINE VOLUME SOURCE ID = CAR1
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR2
** DESCRSRC CAR ROWLAND BLVD ONSITE - 100% NEW AND DIVERT 50% PASSBY
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 10
** 539018.623, 4216295.211, 5.33, 1.30, 13.95
** 539100.616, 4216197.358, 5.64, 1.30, 13.95
** 539296.795, 4215912.753, 6.95, 1.30, 13.95
** 539509.151, 4215593.218, 8.34, 1.30, 13.95
** 539527.582, 4215559.706, 8.31, 1.30, 13.95
** 539500.491, 4215537.478, 8.50, 1.30, 13.95
** 539447.880, 4215503.603, 9.60, 1.30, 13.95
** 539395.527, 4215479.689, 9.89, 1.30, 13.95
** 539351.935, 4215477.134, 10.17, 1.30, 13.95
** 539301.210, 4215485.453, 10.32, 1.30, 13.95
** ----------------------------------------------------------------
   LOCATION L0000434     VOLUME   539023.440 4216289.462 5.35
   LOCATION L0000435     VOLUME   539042.708 4216266.467 5.42
   LOCATION L0000436     VOLUME   539061.976 4216243.473 5.49
   LOCATION L0000437     VOLUME   539081.243 4216220.478 5.57
   LOCATION L0000438     VOLUME   539100.511 4216197.483 5.64
   LOCATION L0000439     VOLUME   539117.550 4216172.791 5.75
   LOCATION L0000440     VOLUME   539134.576 4216148.091 5.87
   LOCATION L0000441     VOLUME   539151.602 4216123.390 5.98
   LOCATION L0000442     VOLUME   539168.628 4216098.689 6.09
   LOCATION L0000443     VOLUME   539185.655 4216073.989 6.21
   LOCATION L0000444     VOLUME   539202.681 4216049.288 6.32
   LOCATION L0000445     VOLUME   539219.707 4216024.588 6.44
   LOCATION L0000446     VOLUME   539236.733 4215999.887 6.55
   LOCATION L0000447     VOLUME   539253.760 4215975.186 6.66
   LOCATION L0000448     VOLUME   539270.786 4215950.486 6.78
   LOCATION L0000449     VOLUME   539287.812 4215925.785 6.89
   LOCATION L0000450     VOLUME   539304.640 4215900.950 7.00
   LOCATION L0000451     VOLUME   539321.244 4215875.964 7.11
   LOCATION L0000452     VOLUME   539337.849 4215850.978 7.22
   LOCATION L0000453     VOLUME   539354.454 4215825.992 7.33
   LOCATION L0000454     VOLUME   539371.059 4215801.007 7.44
   LOCATION L0000455     VOLUME   539387.664 4215776.021 7.54
   LOCATION L0000456     VOLUME   539404.269 4215751.035 7.65
   LOCATION L0000457     VOLUME   539420.874 4215726.049 7.76
   LOCATION L0000458     VOLUME   539437.479 4215701.063 7.87
   LOCATION L0000459     VOLUME   539454.084 4215676.078 7.98
   LOCATION L0000460     VOLUME   539470.689 4215651.092 8.09
   LOCATION L0000461     VOLUME   539487.294 4215626.106 8.20
   LOCATION L0000462     VOLUME   539503.899 4215601.120 8.31
   LOCATION L0000463     VOLUME   539519.036 4215575.245 8.32
   LOCATION L0000464     VOLUME   539518.099 4215551.926 8.38
   LOCATION L0000465     VOLUME   539494.418 4215533.568 8.63
   LOCATION L0000466     VOLUME   539469.194 4215517.327 9.15
   LOCATION L0000467     VOLUME   539443.650 4215501.671 9.62
   LOCATION L0000468     VOLUME   539416.362 4215489.206 9.77
   LOCATION L0000469     VOLUME   539388.445 4215479.274 9.94
   LOCATION L0000470     VOLUME   539358.496 4215477.519 10.13
   LOCATION L0000471     VOLUME   539328.816 4215480.926 10.24
** END OF LINE VOLUME SOURCE ID = CAR2
** ----------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
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** LINE VOLUME SOURCE ID = CAR3
** DESCRSRC VINTAGE WAY  50% PASSBY
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 9
** 539013.174, 4216286.915, 5.37, 1.30, 13.95
** 538923.337, 4216156.160, 6.97, 1.30, 13.95
** 538889.930, 4216083.582, 7.96, 1.30, 13.95
** 538891.460, 4216012.407, 8.87, 1.30, 13.95
** 538909.287, 4215960.174, 8.79, 1.30, 13.95
** 539039.984, 4215775.858, 10.19, 1.30, 13.95
** 539180.734, 4215604.947, 9.99, 1.30, 13.95
** 539271.216, 4215501.060, 10.89, 1.30, 13.95
** 539293.150, 4215489.589, 10.38, 1.30, 13.95
** --------------------------------------------------------------------
   LOCATION L0000352     VOLUME   539008.927 4216280.733 5.45
   LOCATION L0000353     VOLUME   538991.939 4216256.007 5.75
   LOCATION L0000354     VOLUME   538974.950 4216231.281 6.05
   LOCATION L0000355     VOLUME   538957.961 4216206.555 6.35
   LOCATION L0000356     VOLUME   538940.973 4216181.828 6.66
   LOCATION L0000357     VOLUME   538923.984 4216157.102 6.96
   LOCATION L0000358     VOLUME   538911.271 4216129.947 7.33
   LOCATION L0000359     VOLUME   538898.727 4216102.695 7.70
   LOCATION L0000360     VOLUME   538890.122 4216074.625 8.07
   LOCATION L0000361     VOLUME   538890.767 4216044.632 8.46
   LOCATION L0000362     VOLUME   538891.412 4216014.638 8.84
   LOCATION L0000363     VOLUME   538900.429 4215986.127 8.83
   LOCATION L0000364     VOLUME   538910.778 4215958.072 8.81
   LOCATION L0000365     VOLUME   538928.130 4215933.600 8.99
   LOCATION L0000366     VOLUME   538945.483 4215909.128 9.18
   LOCATION L0000367     VOLUME   538962.836 4215884.656 9.36
   LOCATION L0000368     VOLUME   538980.189 4215860.184 9.55
   LOCATION L0000369     VOLUME   538997.542 4215835.712 9.74
   LOCATION L0000370     VOLUME   539014.895 4215811.240 9.92
   LOCATION L0000371     VOLUME   539032.248 4215786.768 10.11
   LOCATION L0000372     VOLUME   539050.553 4215763.024 10.17
   LOCATION L0000373     VOLUME   539069.624 4215739.867 10.15
   LOCATION L0000374     VOLUME   539088.695 4215716.709 10.12
   LOCATION L0000375     VOLUME   539107.766 4215693.551 10.09
   LOCATION L0000376     VOLUME   539126.838 4215670.393 10.07
   LOCATION L0000377     VOLUME   539145.909 4215647.235 10.04
   LOCATION L0000378     VOLUME   539164.980 4215624.077 10.01
   LOCATION L0000379     VOLUME   539184.161 4215601.012 10.02
   LOCATION L0000380     VOLUME   539203.865 4215578.390 10.22
   LOCATION L0000381     VOLUME   539223.568 4215555.767 10.42
   LOCATION L0000382     VOLUME   539243.272 4215533.145 10.61
   LOCATION L0000383     VOLUME   539262.975 4215510.522 10.81
   LOCATION L0000384     VOLUME   539286.681 4215492.973 10.53
** END OF LINE VOLUME SOURCE ID = CAR3
** --------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK1
** DESCRSRC ROWLAND BLVD FROM FREEWAY
** PREFIX
** LENGTH OF SIDE = 20.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 5
** 538657.948, 4216141.138, 8.89, 3.40, 18.60
** 538850.641, 4216298.644, 6.34, 3.40, 18.60
** 538924.368, 4216322.103, 4.67, 3.40, 18.60
** 539001.445, 4216303.671, 5.69, 3.40, 18.60
** 539021.552, 4216281.888, 5.26, 3.40, 18.60
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** ----------------------------------------------------------------------
   LOCATION L0000341     VOLUME   538665.690 4216147.467 8.79
   LOCATION L0000342     VOLUME   538696.661 4216172.782 8.38
   LOCATION L0000343     VOLUME   538727.631 4216198.097 7.97
   LOCATION L0000344     VOLUME   538758.601 4216223.411 7.56
   LOCATION L0000345     VOLUME   538789.572 4216248.726 7.15
   LOCATION L0000346     VOLUME   538820.542 4216274.041 6.74
   LOCATION L0000347     VOLUME   538851.713 4216298.985 6.32
   LOCATION L0000348     VOLUME   538889.830 4216311.113 5.45
   LOCATION L0000349     VOLUME   538928.021 4216321.229 4.72
   LOCATION L0000350     VOLUME   538966.924 4216311.926 5.23
   LOCATION L0000351     VOLUME   539004.501 4216300.360 5.62
** END OF LINE VOLUME SOURCE ID = TK1
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = TK2
** DESCRSRC ROWLAND ONSITE
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 6.80
** SZINIT = 3.16
** NODES = 10
** 539021.248, 4216287.114, 5.28, 3.40, 13.95
** 539076.057, 4216237.085, 5.21, 3.40, 13.95
** 539125.011, 4216165.074, 5.34, 3.40, 13.95
** 539225.253, 4216014.310, 6.21, 3.40, 13.95
** 539534.285, 4215556.355, 8.25, 3.40, 13.95
** 539487.368, 4215529.546, 8.50, 3.40, 13.95
** 539433.749, 4215494.358, 9.68, 3.40, 13.95
** 539387.246, 4215478.558, 9.91, 3.40, 13.95
** 539340.642, 4215478.235, 10.18, 3.40, 13.95
** 539294.027, 4215490.117, 10.38, 3.40, 13.95
** ----------------------------------------------------------------------
   LOCATION L0000214     VOLUME   539026.787 4216282.058 4.81
   LOCATION L0000215     VOLUME   539048.944 4216261.833 5.03
   LOCATION L0000216     VOLUME   539071.102 4216241.608 5.25
   LOCATION L0000217     VOLUME   539089.151 4216217.823 5.50
   LOCATION L0000218     VOLUME   539106.017 4216193.013 5.64
   LOCATION L0000219     VOLUME   539122.884 4216168.204 5.62
   LOCATION L0000220     VOLUME   539139.526 4216143.243 5.57
   LOCATION L0000221     VOLUME   539156.136 4216118.261 5.65
   LOCATION L0000222     VOLUME   539172.747 4216093.279 5.86
   LOCATION L0000223     VOLUME   539189.357 4216068.298 6.09
   LOCATION L0000224     VOLUME   539205.967 4216043.316 6.19
   LOCATION L0000225     VOLUME   539222.578 4216018.334 6.17
   LOCATION L0000226     VOLUME   539239.331 4215993.448 6.02
   LOCATION L0000227     VOLUME   539256.112 4215968.580 6.21
   LOCATION L0000228     VOLUME   539272.893 4215943.712 6.48
   LOCATION L0000229     VOLUME   539289.674 4215918.845 6.75
   LOCATION L0000230     VOLUME   539306.455 4215893.977 7.00
   LOCATION L0000231     VOLUME   539323.236 4215869.109 6.92
   LOCATION L0000232     VOLUME   539340.017 4215844.242 6.85
   LOCATION L0000233     VOLUME   539356.798 4215819.374 6.90
   LOCATION L0000234     VOLUME   539373.578 4215794.506 7.10
   LOCATION L0000235     VOLUME   539390.359 4215769.639 7.34
   LOCATION L0000236     VOLUME   539407.140 4215744.771 7.38
   LOCATION L0000237     VOLUME   539423.921 4215719.903 7.42
   LOCATION L0000238     VOLUME   539440.702 4215695.035 7.41
   LOCATION L0000239     VOLUME   539457.483 4215670.168 7.48
   LOCATION L0000240     VOLUME   539474.264 4215645.300 7.59
   LOCATION L0000241     VOLUME   539491.045 4215620.432 7.59
   LOCATION L0000242     VOLUME   539507.826 4215595.565 7.63
   LOCATION L0000243     VOLUME   539524.607 4215570.697 7.67
   LOCATION L0000244     VOLUME   539523.260 4215550.055 7.91
   LOCATION L0000245     VOLUME   539497.212 4215535.171 8.43
   LOCATION L0000246     VOLUME   539471.766 4215519.307 8.88
   LOCATION L0000247     VOLUME   539446.684 4215502.847 9.06
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   LOCATION L0000248     VOLUME   539419.993 4215489.684 9.23
   LOCATION L0000249     VOLUME   539391.588 4215480.033 9.48
   LOCATION L0000250     VOLUME   539361.833 4215478.381 9.70
   LOCATION L0000251     VOLUME   539332.106 4215480.410 9.89
   LOCATION L0000252     VOLUME   539303.036 4215487.820 10.07
** END OF LINE VOLUME SOURCE ID = TK2
   LOCATION IDLTK        AREAPOLY   539326.205  4215528.256        9.840
** DESCRSRC TRUCK IDLE
   LOCATION IDLCAR       AREAPOLY   539329.837  4215540.243        9.660
** DESCRSRC CAR IDLE
** ----------------------------------------------------------------------
** LINE SOURCE REPRESENTED BY SEPARATED VOLUME SOURCES (2W)
** LINE VOLUME SOURCE ID = CAR4
** DESCRSRC WAREHOUSE + GAS
** PREFIX
** LENGTH OF SIDE = 15.00
** CONFIGURATION = SEPARATED 2W
** EMISSION RATE = 1.0
** VERTICAL DIMENSION = 2.60
** SZINIT = 1.21
** NODES = 5
** 539329.111, 4215610.714, 8.97, 1.30, 13.95
** 539250.648, 4215558.769, 10.16, 1.30, 13.95
** 539245.563, 4215553.683, 10.14, 1.30, 13.95
** 539269.901, 4215526.803, 10.10, 1.30, 13.95
** 539290.243, 4215512.273, 9.95, 1.30, 13.95
** ----------------------------------------------------------------------
   LOCATION L0000472     VOLUME   539322.857 4215606.574 9.06
   LOCATION L0000473     VOLUME   539297.844 4215590.014 9.44
   LOCATION L0000474     VOLUME   539272.830 4215573.454 9.82
   LOCATION L0000475     VOLUME   539248.247 4215556.368 10.15
   LOCATION L0000476     VOLUME   539263.149 4215534.260 10.11
   LOCATION L0000477     VOLUME   539286.126 4215515.213 9.98
** END OF LINE VOLUME SOURCE ID = CAR4
** SOURCE PARAMETERS **
   SRCPARAM SPIL1              1.0     1.000     9.767     2.600
   SRCPARAM LOAD               1.0     3.660   291.000 0.491413689933004 0.0509016
   SRCPARAM BREATH             1.0     3.660   289.000 0.491413689933004 0.0509016
   SRCPARAM REFILLING          1.0     1.500     9.770     2.600
   SRCPARAM HOSE               1.0     1.500     9.767     2.600
** LINE VOLUME SOURCE ID = CAR1
   SRCPARAM L0000423     0.0909090909      1.30     18.60      1.21
   SRCPARAM L0000424     0.0909090909      1.30     18.60      1.21
   SRCPARAM L0000425     0.0909090909      1.30     18.60      1.21
   SRCPARAM L0000426     0.0909090909      1.30     18.60      1.21
   SRCPARAM L0000427     0.0909090909      1.30     18.60      1.21
   SRCPARAM L0000428     0.0909090909      1.30     18.60      1.21
   SRCPARAM L0000429     0.0909090909      1.30     18.60      1.21
   SRCPARAM L0000430     0.0909090909      1.30     18.60      1.21
   SRCPARAM L0000431     0.0909090909      1.30     18.60      1.21
   SRCPARAM L0000432     0.0909090909      1.30     18.60      1.21
   SRCPARAM L0000433     0.0909090909      1.30     18.60      1.21
** ----------------------------------------------------------------------
** LINE VOLUME SOURCE ID = CAR2
   SRCPARAM L0000434     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000435     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000436     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000437     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000438     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000439     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000440     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000441     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000442     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000443     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000444     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000445     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000446     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000447     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000448     0.0263157895      1.30     13.95      1.21
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   SRCPARAM L0000449     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000450     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000451     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000452     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000453     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000454     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000455     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000456     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000457     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000458     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000459     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000460     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000461     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000462     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000463     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000464     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000465     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000466     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000467     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000468     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000469     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000470     0.0263157895      1.30     13.95      1.21
   SRCPARAM L0000471     0.0263157895      1.30     13.95      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = CAR3
   SRCPARAM L0000352     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000353     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000354     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000355     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000356     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000357     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000358     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000359     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000360     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000361     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000362     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000363     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000364     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000365     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000366     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000367     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000368     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000369     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000370     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000371     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000372     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000373     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000374     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000375     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000376     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000377     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000378     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000379     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000380     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000381     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000382     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000383     0.0303030303      1.30     13.95      1.21
   SRCPARAM L0000384     0.0303030303      1.30     13.95      1.21
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = TK1
   SRCPARAM L0000341     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000342     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000343     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000344     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000345     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000346     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000347     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000348     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000349     0.0909090909      3.40     18.60      3.16
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   SRCPARAM L0000350     0.0909090909      3.40     18.60      3.16
   SRCPARAM L0000351     0.0909090909      3.40     18.60      3.16
** ------------------------------------------------------------------
** LINE VOLUME SOURCE ID = TK2
   SRCPARAM L0000214     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000215     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000216     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000217     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000218     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000219     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000220     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000221     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000222     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000223     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000224     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000225     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000226     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000227     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000228     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000229     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000230     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000231     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000232     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000233     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000234     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000235     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000236     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000237     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000238     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000239     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000240     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000241     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000242     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000243     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000244     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000245     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000246     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000247     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000248     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000249     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000250     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000251     0.0256410256      3.40     13.95      3.16
   SRCPARAM L0000252     0.0256410256      3.40     13.95      3.16
** ------------------------------------------------------------------
   SRCPARAM IDLTK        0.0045585468     4.000         4     0.930
   AREAVERT IDLTK        539326.205 4215528.256 539340.735 4215510.820
   AREAVERT IDLTK        539330.927 4215506.461 539317.850 4215523.533
   SRCPARAM IDLCAR       0.0004760567     1.530         5     0.360
   AREAVERT IDLCAR       539329.837 4215540.243 539366.162 4215496.653
   AREAVERT IDLCAR       539338.555 4215490.841 539311.547 4215495.909
   AREAVERT IDLCAR       539283.341 4215509.367
** LINE VOLUME SOURCE ID = CAR4
   SRCPARAM L0000472     0.1666666667      1.30     13.95      1.21
   SRCPARAM L0000473     0.1666666667      1.30     13.95      1.21
   SRCPARAM L0000474     0.1666666667      1.30     13.95      1.21
   SRCPARAM L0000475     0.1666666667      1.30     13.95      1.21
   SRCPARAM L0000476     0.1666666667      1.30     13.95      1.21
   SRCPARAM L0000477     0.1666666667      1.30     13.95      1.21
** ------------------------------------------------------------------
   URBANSRC ALL

** VARIABLE EMISSIONS TYPE: "BY HOUR / DAY (HRDOW)"
** VARIABLE EMISSION SCENARIO: "OPERATIONS"
** WEEKDAYS:
   EMISFACT SPIL1        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT SPIL1        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT SPIL1        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT SPIL1        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
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   EMISFACT SPIL1        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT SPIL1        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT SPIL1        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT SPIL1        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT SPIL1        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT SPIL1        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT SPIL1        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT SPIL1        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT LOAD         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT LOAD         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT LOAD         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT LOAD         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT LOAD         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT LOAD         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT LOAD         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT LOAD         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT LOAD         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT LOAD         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT LOAD         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT LOAD         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT HOSE         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT HOSE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HOSE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HOSE         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT HOSE         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT HOSE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HOSE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HOSE         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT HOSE         HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT HOSE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HOSE         HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT HOSE         HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT REFILLING    HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT REFILLING    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT REFILLING    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT REFILLING    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT REFILLING    HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT REFILLING    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT REFILLING    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT REFILLING    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT REFILLING    HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT REFILLING    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT REFILLING    HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT REFILLING    HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000423     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000423     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000423     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000423     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000424     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000424     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000424     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000424     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000425     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000425     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000425     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000425     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000426     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000426     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0000427     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000427     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000427     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000428     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000428     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000428     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000428     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000429     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000429     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000429     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000429     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000430     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000430     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000430     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000430     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000431     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000431     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000431     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000431     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000432     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000432     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000432     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000432     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000433     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000433     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000433     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000433     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
    EMISFACT L0000423     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000423     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000423     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000423     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000424     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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    EMISFACT L0000424     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000424     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000425     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000425     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000425     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000425     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000426     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000426     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000426     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000426     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000427     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000427     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000427     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000427     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000428     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000428     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000428     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0000429     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000429     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000429     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000429     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000430     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000430     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0000430     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000431     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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    EMISFACT L0000432     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000433     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000433     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000423     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000423     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000423     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000423     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000425     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000426     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000426     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000427     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000427     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000428     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0000429     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000429     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000429     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** WEEKDAYS:
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   EMISFACT L0000435     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000455     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000455     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000461     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000462     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000466     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** SATURDAY:
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EMISFACT L0000435     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000436     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000437     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000437     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000438     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000438     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000438     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000440     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000441     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000466     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000466     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000467     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000467     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000467     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000467     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000468     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000468     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000468     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000468     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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** SUNDAY:
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   EMISFACT L0000437     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000438     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000438     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000447     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000454     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000454     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000454     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000454     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000455     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000455     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000455     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000455     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000456     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000456     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000456     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000457     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000463     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000464     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000464     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000465     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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** WEEKDAYS:
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   EMISFACT L0000353     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000369     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000369     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000378     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000378     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000378     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000379     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000379     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** SATURDAY:
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   EMISFACT L0000354     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0000354     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000356     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0000360     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000361     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0000361     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000363     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000363     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000364     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000364     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000365     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0000365     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000365     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000366     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000366     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000367     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0000367     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000367     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000368     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0000368     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000369     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000369     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000369     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000369     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000370     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0000370     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000370     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000371     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000371     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000371     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000376     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0000377     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000377     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000377     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000378     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000378     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000379     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000379     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000380     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000380     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000380     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0000382     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000382     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000383     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000383     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000383     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000383     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0000384     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** SUNDAY:
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    EMISFACT L0000353     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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    EMISFACT L0000353     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000353     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
    EMISFACT L0000354     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000354     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000354     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0000355     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
    EMISFACT L0000355     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000355     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000355     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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    EMISFACT L0000364     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000374     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0000380     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000381     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
EMISFACT L0000381     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000381     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000381     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000384     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000384     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000384     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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** WEEKDAYS:
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   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000346     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000348     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000348     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000348     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000349     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000349     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000349     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000351     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000351     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000351     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000351     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000341     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000341     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000341     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000342     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000342     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000342     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000343     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000343     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000343     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000344     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000344     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000344     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000346     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000346     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000346     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000348     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000348     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000348     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000349     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000349     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000349     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000351     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000351     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000351     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000351     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000341     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000341     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000341     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000341     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000342     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000342     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000342     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000342     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000343     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000343     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000343     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000343     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000344     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000344     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000344     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000344     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000345     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000345     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000346     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000346     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000346     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000346     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000347     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000347     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000348     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0000349     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000349     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000349     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000350     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000350     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000351     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000351     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000351     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000351     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
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   EMISFACT L0000214     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000214     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000215     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000215     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000215     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000217     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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   EMISFACT L0000217     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000226     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000245     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000245     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000245     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000251     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000252     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000252     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
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   EMISFACT L0000214     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000214     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000214     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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EMISFACT L0000225     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000225     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000226     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0000226     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000227     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0000230     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000230     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000231     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0000231     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000236     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000239     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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EMISFACT L0000240     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
EMISFACT L0000240     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT L0000241     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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    EMISFACT L0000252     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
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    EMISFACT L0000218     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
    EMISFACT L0000218     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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    EMISFACT L0000219     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
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EMISFACT L0000236     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT L0000237     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000237     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000237     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000237     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000238     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000238     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000238     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000238     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000239     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000239     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000239     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000239     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000240     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000240     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000240     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000240     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000241     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000241     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000241     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000241     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000242     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000242     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000242     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000242     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000243     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000243     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000243     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000243     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000244     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000244     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000244     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000244     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000245     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000245     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000245     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000245     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000246     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000246     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000246     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000246     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000247     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000247     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000247     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000247     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000248     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000248     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000248     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000248     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000249     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000249     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000249     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000249     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000250     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000250     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000250     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000250     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000251     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000251     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000251     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000252     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000252     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000252     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT IDLTK        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
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   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT IDLTK        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT IDLTK        HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLTK        HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT IDLCAR       HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT IDLCAR       HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT IDLCAR       HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT IDLCAR       HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** WEEKDAYS:
   EMISFACT L0000472     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000472     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000472     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000472     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000473     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SATURDAY:
   EMISFACT L0000472     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000472     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000472     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000472     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000473     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
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   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
** SUNDAY:
   EMISFACT L0000472     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000472     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000472     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000472     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000473     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000473     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000474     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000474     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000475     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000475     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000476     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000476     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   EMISFACT L0000477     HRDOW 0.0 0.0 0.0 0.0 0.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 1.0 1.0 1.0
   EMISFACT L0000477     HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
   SRCGROUP BREATH   BREATH
   SRCGROUP CAR1     L0000423 L0000424 L0000425 L0000426 L0000427 L0000428
   SRCGROUP CAR1     L0000429 L0000430 L0000431 L0000432 L0000433
   SRCGROUP CAR2     L0000434 L0000435 L0000436 L0000437 L0000438 L0000439
   SRCGROUP CAR2     L0000440 L0000441 L0000442 L0000443 L0000444 L0000445
   SRCGROUP CAR2     L0000446 L0000447 L0000448 L0000449 L0000450 L0000451
   SRCGROUP CAR2     L0000452 L0000453 L0000454 L0000455 L0000456 L0000457
   SRCGROUP CAR2     L0000458 L0000459 L0000460 L0000461 L0000462 L0000463
   SRCGROUP CAR2     L0000464 L0000465 L0000466 L0000467 L0000468 L0000469
   SRCGROUP CAR2     L0000470 L0000471
   SRCGROUP CAR3     L0000352 L0000353 L0000354 L0000355 L0000356 L0000357
   SRCGROUP CAR3     L0000358 L0000359 L0000360 L0000361 L0000362 L0000363
   SRCGROUP CAR3     L0000364 L0000365 L0000366 L0000367 L0000368 L0000369
   SRCGROUP CAR3     L0000370 L0000371 L0000372 L0000373 L0000374 L0000375
   SRCGROUP CAR3     L0000376 L0000377 L0000378 L0000379 L0000380 L0000381
   SRCGROUP CAR3     L0000382 L0000383 L0000384
   SRCGROUP CAR4     L0000472 L0000473 L0000474 L0000475 L0000476 L0000477
   SRCGROUP HOSE     HOSE
   SRCGROUP IDLCAR   IDLCAR
   SRCGROUP IDLTK    IDLTK
   SRCGROUP LOAD     LOAD
   SRCGROUP REFILLIN REFILLING
   SRCGROUP SPIL1    SPIL1
   SRCGROUP TK1      L0000341 L0000342 L0000343 L0000344 L0000345 L0000346
   SRCGROUP TK1      L0000347 L0000348 L0000349 L0000350 L0000351
   SRCGROUP TK2      L0000214 L0000215 L0000216 L0000217 L0000218 L0000219
   SRCGROUP TK2      L0000220 L0000221 L0000222 L0000223 L0000224 L0000225
   SRCGROUP TK2      L0000226 L0000227 L0000228 L0000229 L0000230 L0000231
   SRCGROUP TK2      L0000232 L0000233 L0000234 L0000235 L0000236 L0000237
   SRCGROUP TK2      L0000238 L0000239 L0000240 L0000241 L0000242 L0000243
   SRCGROUP TK2      L0000244 L0000245 L0000246 L0000247 L0000248 L0000249
   SRCGROUP TK2      L0000250 L0000251 L0000252
   SRCGROUP ALL
SO FINISHED
**
**************************************
```

```
** AERMOD RECEPTOR PATHWAY
**************************************
**
**
RE STARTING
   INCLUDED "NOVATO - OPERATIONAL JULY 2025.ROU"
RE FINISHED
**
**************************************
** AERMOD METEOROLOGY PATHWAY
**************************************
**
**
ME STARTING
   SURFFILE "NOVATO - OPERATIONAL JULY 2025.SFC"
   PROFFILE "NOVATO - OPERATIONAL JULY 2025.PFL"
   SURFDATA 72040 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 1.0 METERS
ME FINISHED
**
**************************************
** AERMOD OUTPUT PATHWAY
**************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** AUTO-GENERATED PLOTFILES
   PLOTFILE   1 ALL 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1GALL.PLT" 31
   PLOTFILE   1 BREATH 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G001.PLT" 32
   PLOTFILE   1 CAR1 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G002.PLT" 33
   PLOTFILE   1 CAR2 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G003.PLT" 34
   PLOTFILE   1 CAR3 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G004.PLT" 35
   PLOTFILE   1 CAR4 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G005.PLT" 36
   PLOTFILE   1 HOSE 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G006.PLT" 37
   PLOTFILE   1 IDLCAR 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G007.PLT" 38
   PLOTFILE   1 IDLTK 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G008.PLT" 39
   PLOTFILE   1 LOAD 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G009.PLT" 40
   PLOTFILE   1 REFILLIN 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G010.PLT" 41
   PLOTFILE   1 SPIL1 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G011.PLT" 42
   PLOTFILE   1 TK1 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G012.PLT" 43
   PLOTFILE   1 TK2 1ST "NOVATO - OPERATIONAL JULY 2025.AD\01H1G013.PLT" 44
   PLOTFILE   PERIOD ALL "NOVATO - OPERATIONAL JULY 2025.AD\PE00GALL.PLT" 45
   PLOTFILE   PERIOD BREATH "NOVATO - OPERATIONAL JULY 2025.AD\PE00G001.PLT" 46
   PLOTFILE   PERIOD CAR1 "NOVATO - OPERATIONAL JULY 2025.AD\PE00G002.PLT" 47
   PLOTFILE   PERIOD CAR2 "NOVATO - OPERATIONAL JULY 2025.AD\PE00G003.PLT" 48
   PLOTFILE   PERIOD CAR3 "NOVATO - OPERATIONAL JULY 2025.AD\PE00G004.PLT" 49
   PLOTFILE   PERIOD CAR4 "NOVATO - OPERATIONAL JULY 2025.AD\PE00G005.PLT" 50
   PLOTFILE   PERIOD HOSE "NOVATO - OPERATIONAL JULY 2025.AD\PE00G006.PLT" 51
   PLOTFILE   PERIOD IDLCAR "NOVATO - OPERATIONAL JULY 2025.AD\PE00G007.PLT" 52
   PLOTFILE   PERIOD IDLTK "NOVATO - OPERATIONAL JULY 2025.AD\PE00G008.PLT" 53
   PLOTFILE   PERIOD LOAD "NOVATO - OPERATIONAL JULY 2025.AD\PE00G009.PLT" 54
   PLOTFILE   PERIOD REFILLIN "NOVATO - OPERATIONAL JULY 2025.AD\PE00G010.PLT" 55
   PLOTFILE   PERIOD SPIL1 "NOVATO - OPERATIONAL JULY 2025.AD\PE00G011.PLT" 56
   PLOTFILE   PERIOD TK1 "NOVATO - OPERATIONAL JULY 2025.AD\PE00G012.PLT" 57
   PLOTFILE   PERIOD TK2 "NOVATO - OPERATIONAL JULY 2025.AD\PE00G013.PLT" 58
   SUMMFILE "NOVATO - OPERATIONAL JULY 2025.SUM"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            1 Warning Message(s)
 A Total of            0 Informational Message(s)
```

```
   ******** FATAL ERROR MESSAGES ********
              ***  NONE  ***


   ********   WARNING MESSAGES   ********
 ME W187    2296       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 **********************************
 *** SETUP Finishes Successfully ***
 **********************************

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                          ***     MODEL SETUP OPTIONS SUMMARY       ***
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - -

 ** Model Options Selected:
      * Model Uses Regulatory DEFAULT Options
      * Model Is Setup For Calculation of Average CONCentration Values.
      * NO GAS DEPOSITION Data Provided.
      * NO PARTICLE DEPOSITION Data Provided.
      * Model Uses NO DRY DEPLETION. DDPLETE  =  F
      * Model Uses NO WET DEPLETION. WETDPLT  =  F
      * Stack-tip Downwash.
      * Model Accounts for ELEVated Terrain Effects.
      * Use Calms Processing Routine.
      * Use Missing Data Processing Routine.
      * No Exponential Decay.
      * Model Uses URBAN Dispersion Algorithm for the SBL for   145 Source(s),
        for Total of    1 Urban Area(s):
   Urban Population =    260206.0 ;  Urban Roughness Length =  1.000 m
      * Urban Roughness Length of 1.0 Meter Used.
      * ADJ_U*   - Use ADJ_U* option for SBL in AERMET
      * CCVR_Sub - Meteorological data includes CCVR substitutions
      * TEMP_Sub - Meteorological data includes TEMP substitutions
      * Model Accepts FLAGPOLE Receptor . Heights.
      * The User Specified a Pollutant Type of: PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:    145 Source(s);      14 Source Group(s); and    2611 Receptor(s)

                with:      2 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    141 VOLUME source(s)
                 and:      2 AREA type source(s)
                 and:      0 LINE source(s)
                 and:      0 RLINE/RLINEXT source(s)
                 and:      0 OPENPIT source(s)
                 and:      0 BUOYANT LINE source(s) with a total of     0 line(s)
                 and:      0 SWPOINT source(s)


 **Model Set To Continue RUNning After the Setup Testing.

 **The AERMET Input Meteorological Data Version Date:  18081

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
```

Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
Model Outputs Separate Summary File of High Ranked Values (SUMMFILE Keyword)

**NOTE: The Following Flags May Appear Following CONC Values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 1.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 5.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: NOVATO - OPERATIONAL JULY 2025.ERR

**File for Summary of Results: NOVATO - OPERATIONAL JULY 2025.SUM

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** *** 15:15:41

PAGE 2
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BLDG EXISTS	URBAN SOURCE	EMIS RATE CAP/ HOR VARY BY	SCALAR
LOAD	0	0.10000E+01	539328.6	4215535.2	9.7	3.66	291.00	0.49	0.05	NO	YES	NO	HRDOW
BREATH	0	0.10000E+01	539328.5	4215535.2	9.7	3.66	289.00	0.49	0.05	NO	YES	NO	

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PAGE 3
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
SPIL1	0	0.10000E+01	539353.6	4215525.0	9.5	1.00	9.77	2.60	YES	HRDOW	NO

REFILLING	0	0.10000E+01	539353.6	4215524.9	9.5	1.50	9.77	2.60	YES	HRDOW
NO										
HOSE	0	0.10000E+01	539353.6	4215524.9	9.5	1.50	9.77	2.60	YES	HRDOW
NO										
L0000423	0	0.90909E-01	538665.6	4216145.9	9.7	1.30	18.60	1.21	YES	HRDOW
NO										
L0000424	0	0.90909E-01	538696.3	4216171.5	9.2	1.30	18.60	1.21	YES	HRDOW
NO										
L0000425	0	0.90909E-01	538727.0	4216197.1	8.6	1.30	18.60	1.21	YES	HRDOW
NO										
L0000426	0	0.90909E-01	538757.7	4216222.8	8.1	1.30	18.60	1.21	YES	HRDOW
NO										
L0000427	0	0.90909E-01	538788.5	4216248.4	7.6	1.30	18.60	1.21	YES	HRDOW
NO										
L0000428	0	0.90909E-01	538819.2	4216274.0	7.0	1.30	18.60	1.21	YES	HRDOW
NO										
L0000429	0	0.90909E-01	538849.9	4216299.7	6.5	1.30	18.60	1.21	YES	HRDOW
NO										
L0000430	0	0.90909E-01	538886.2	4216313.0	5.7	1.30	18.60	1.21	YES	HRDOW
NO										
L0000431	0	0.90909E-01	538925.7	4216319.5	4.8	1.30	18.60	1.21	YES	HRDOW
NO										
L0000432	0	0.90909E-01	538964.4	4216311.2	5.0	1.30	18.60	1.21	YES	HRDOW
NO										
L0000433	0	0.90909E-01	539002.9	4216300.6	5.5	1.30	18.60	1.21	YES	HRDOW
NO										
L0000434	0	0.26316E-01	539023.4	4216289.5	5.3	1.30	13.95	1.21	YES	HRDOW
NO										
L0000435	0	0.26316E-01	539042.7	4216266.5	5.4	1.30	13.95	1.21	YES	HRDOW
NO										
L0000436	0	0.26316E-01	539062.0	4216243.5	5.5	1.30	13.95	1.21	YES	HRDOW
NO										
L0000437	0	0.26316E-01	539081.2	4216220.5	5.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0000438	0	0.26316E-01	539100.5	4216197.5	5.6	1.30	13.95	1.21	YES	HRDOW
NO										
L0000439	0	0.26316E-01	539117.6	4216172.8	5.8	1.30	13.95	1.21	YES	HRDOW
NO										
L0000440	0	0.26316E-01	539134.6	4216148.1	5.9	1.30	13.95	1.21	YES	HRDOW
NO										
L0000441	0	0.26316E-01	539151.6	4216123.4	6.0	1.30	13.95	1.21	YES	HRDOW
NO										
L0000442	0	0.26316E-01	539168.6	4216098.7	6.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0000443	0	0.26316E-01	539185.7	4216074.0	6.2	1.30	13.95	1.21	YES	HRDOW
NO										
L0000444	0	0.26316E-01	539202.7	4216049.3	6.3	1.30	13.95	1.21	YES	HRDOW
NO										
L0000445	0	0.26316E-01	539219.7	4216024.6	6.4	1.30	13.95	1.21	YES	HRDOW
NO										
L0000446	0	0.26316E-01	539236.7	4215999.9	6.5	1.30	13.95	1.21	YES	HRDOW
NO										
L0000447	0	0.26316E-01	539253.8	4215975.2	6.7	1.30	13.95	1.21	YES	HRDOW
NO										
L0000448	0	0.26316E-01	539270.8	4215950.5	6.8	1.30	13.95	1.21	YES	HRDOW
NO										
L0000449	0	0.26316E-01	539287.8	4215925.8	6.9	1.30	13.95	1.21	YES	HRDOW
NO										
L0000450	0	0.26316E-01	539304.6	4215901.0	7.0	1.30	13.95	1.21	YES	HRDOW
NO										
L0000451	0	0.26316E-01	539321.2	4215876.0	7.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0000452	0	0.26316E-01	539337.8	4215851.0	7.2	1.30	13.95	1.21	YES	HRDOW
NO										
L0000453	0	0.26316E-01	539354.5	4215826.0	7.3	1.30	13.95	1.21	YES	HRDOW
NO										
L0000454	0	0.26316E-01	539371.1	4215801.0	7.4	1.30	13.95	1.21	YES	HRDOW
NO										
L0000455	0	0.26316E-01	539387.7	4215776.0	7.5	1.30	13.95	1.21	YES	HRDOW

NO
 L0000456   0   0.26316E-01 539404.3 4215751.0   7.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0000457   0   0.26316E-01 539420.9 4215726.0   7.8   1.30   13.95   1.21   YES   HRDOW
NO
 L0000458   0   0.26316E-01 539437.5 4215701.1   7.9   1.30   13.95   1.21   YES   HRDOW
NO
 L0000459   0   0.26316E-01 539454.1 4215676.1   8.0   1.30   13.95   1.21   YES   HRDOW
NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY	AIRCRAFT
L0000460	0	0.26316E-01	539470.7	4215651.1	8.1	1.30	13.95	1.21	YES	HRDOW	NO
L0000461	0	0.26316E-01	539487.3	4215626.1	8.2	1.30	13.95	1.21	YES	HRDOW	NO
L0000462	0	0.26316E-01	539503.9	4215601.1	8.3	1.30	13.95	1.21	YES	HRDOW	NO
L0000463	0	0.26316E-01	539519.0	4215575.2	8.3	1.30	13.95	1.21	YES	HRDOW	NO
L0000464	0	0.26316E-01	539518.1	4215551.9	8.4	1.30	13.95	1.21	YES	HRDOW	NO
L0000465	0	0.26316E-01	539494.4	4215533.6	8.6	1.30	13.95	1.21	YES	HRDOW	NO
L0000466	0	0.26316E-01	539469.2	4215517.3	9.2	1.30	13.95	1.21	YES	HRDOW	NO
L0000467	0	0.26316E-01	539443.7	4215501.7	9.6	1.30	13.95	1.21	YES	HRDOW	NO
L0000468	0	0.26316E-01	539416.4	4215489.2	9.8	1.30	13.95	1.21	YES	HRDOW	NO
L0000469	0	0.26316E-01	539388.4	4215479.3	9.9	1.30	13.95	1.21	YES	HRDOW	NO
L0000470	0	0.26316E-01	539358.5	4215477.5	10.1	1.30	13.95	1.21	YES	HRDOW	NO
L0000471	0	0.26316E-01	539328.8	4215480.9	10.2	1.30	13.95	1.21	YES	HRDOW	NO
L0000352	0	0.30303E-01	539008.9	4216280.7	5.5	1.30	13.95	1.21	YES	HRDOW	NO
L0000353	0	0.30303E-01	538991.9	4216256.0	5.8	1.30	13.95	1.21	YES	HRDOW	NO
L0000354	0	0.30303E-01	538975.0	4216231.3	6.0	1.30	13.95	1.21	YES	HRDOW	NO
L0000355	0	0.30303E-01	538958.0	4216206.6	6.3	1.30	13.95	1.21	YES	HRDOW	NO
L0000356	0	0.30303E-01	538941.0	4216181.8	6.7	1.30	13.95	1.21	YES	HRDOW	NO
L0000357	0	0.30303E-01	538924.0	4216157.1	7.0	1.30	13.95	1.21	YES	HRDOW	NO
L0000358	0	0.30303E-01	538911.3	4216129.9	7.3	1.30	13.95	1.21	YES	HRDOW	NO
L0000359	0	0.30303E-01	538898.7	4216102.7	7.7	1.30	13.95	1.21	YES	HRDOW	NO
L0000360	0	0.30303E-01	538890.1	4216074.6	8.1	1.30	13.95	1.21	YES	HRDOW	NO

 L0000361   0   0.30303E-01 538890.8 4216044.6   8.5   1.30   13.95   1.21   YES   HRDOW
NO
 L0000362   0   0.30303E-01 538891.4 4216014.6   8.8   1.30   13.95   1.21   YES   HRDOW
NO
 L0000363   0   0.30303E-01 538900.4 4215986.1   8.8   1.30   13.95   1.21   YES   HRDOW
NO
 L0000364   0   0.30303E-01 538910.8 4215958.1   8.8   1.30   13.95   1.21   YES   HRDOW
NO
 L0000365   0   0.30303E-01 538928.1 4215933.6   9.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0000366   0   0.30303E-01 538945.5 4215909.1   9.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0000367   0   0.30303E-01 538962.8 4215884.7   9.4   1.30   13.95   1.21   YES   HRDOW
NO
 L0000368   0   0.30303E-01 538980.2 4215860.2   9.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0000369   0   0.30303E-01 538997.5 4215835.7   9.7   1.30   13.95   1.21   YES   HRDOW
NO
 L0000370   0   0.30303E-01 539014.9 4215811.2   9.9   1.30   13.95   1.21   YES   HRDOW
NO
 L0000371   0   0.30303E-01 539032.2 4215786.8   10.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0000372   0   0.30303E-01 539050.6 4215763.0   10.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0000373   0   0.30303E-01 539069.6 4215739.9   10.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0000374   0   0.30303E-01 539088.7 4215716.7   10.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0000375   0   0.30303E-01 539107.8 4215693.6   10.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0000376   0   0.30303E-01 539126.8 4215670.4   10.1   1.30   13.95   1.21   YES   HRDOW
NO
 L0000377   0   0.30303E-01 539145.9 4215647.2   10.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0000378   0   0.30303E-01 539165.0 4215624.1   10.0   1.30   13.95   1.21   YES   HRDOW
NO
 L0000379   0   0.30303E-01 539184.2 4215601.0   10.0   1.30   13.95   1.21   YES   HRDOW
NO

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                                *** VOLUME SOURCE DATA ***

              NUMBER EMISSION RATE   BASE   RELEASE   INIT.   INIT.   URBAN EMISSION RATE
AIRCRAFT
   SOURCE   PART. (GRAMS/SEC)   X   Y   ELEV.   HEIGHT   SY   SZ   SOURCE SCALAR VARY
     ID   CATS.   (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)   BY
 -
- - -

 L0000380   0   0.30303E-01 539203.9 4215578.4   10.2   1.30   13.95   1.21   YES   HRDOW
NO
 L0000381   0   0.30303E-01 539223.6 4215555.8   10.4   1.30   13.95   1.21   YES   HRDOW
NO
 L0000382   0   0.30303E-01 539243.3 4215533.1   10.6   1.30   13.95   1.21   YES   HRDOW
NO
 L0000383   0   0.30303E-01 539263.0 4215510.5   10.8   1.30   13.95   1.21   YES   HRDOW
NO
 L0000384   0   0.30303E-01 539286.7 4215493.0   10.5   1.30   13.95   1.21   YES   HRDOW
NO
 L0000341   0   0.90909E-01 538665.7 4216147.5   8.8   3.40   18.60   3.16   YES   HRDOW
NO
 L0000342   0   0.90909E-01 538696.7 4216172.8   8.4   3.40   18.60   3.16   YES   HRDOW

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NO
 L0000343         0   0.90909E-01  538727.6 4216198.1     8.0     3.40    18.60     3.16     YES   HRDOW
NO
 L0000344         0   0.90909E-01  538758.6 4216223.4     7.6     3.40    18.60     3.16     YES   HRDOW
NO
 L0000345         0   0.90909E-01  538789.6 4216248.7     7.1     3.40    18.60     3.16     YES   HRDOW
NO
 L0000346         0   0.90909E-01  538820.5 4216274.0     6.7     3.40    18.60     3.16     YES   HRDOW
NO
 L0000347         0   0.90909E-01  538851.7 4216299.0     6.3     3.40    18.60     3.16     YES   HRDOW
NO
 L0000348         0   0.90909E-01  538889.8 4216311.1     5.5     3.40    18.60     3.16     YES   HRDOW
NO
 L0000349         0   0.90909E-01  538928.0 4216321.2     4.7     3.40    18.60     3.16     YES   HRDOW
NO
 L0000350         0   0.90909E-01  538966.9 4216311.9     5.2     3.40    18.60     3.16     YES   HRDOW
NO
 L0000351         0   0.90909E-01  539004.5 4216300.4     5.6     3.40    18.60     3.16     YES   HRDOW
NO
 L0000214         0   0.25641E-01  539026.8 4216282.1     4.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0000215         0   0.25641E-01  539048.9 4216261.8     5.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0000216         0   0.25641E-01  539071.1 4216241.6     5.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0000217         0   0.25641E-01  539089.2 4216217.8     5.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0000218         0   0.25641E-01  539106.0 4216193.0     5.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0000219         0   0.25641E-01  539122.9 4216168.2     5.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0000220         0   0.25641E-01  539139.5 4216143.2     5.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0000221         0   0.25641E-01  539156.1 4216118.3     5.6     3.40    13.95     3.16     YES   HRDOW
NO
 L0000222         0   0.25641E-01  539172.7 4216093.3     5.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0000223         0   0.25641E-01  539189.4 4216068.3     6.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0000224         0   0.25641E-01  539206.0 4216043.3     6.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0000225         0   0.25641E-01  539222.6 4216018.3     6.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0000226         0   0.25641E-01  539239.3 4215993.4     6.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0000227         0   0.25641E-01  539256.1 4215968.6     6.2     3.40    13.95     3.16     YES   HRDOW
NO
 L0000228         0   0.25641E-01  539272.9 4215943.7     6.5     3.40    13.95     3.16     YES   HRDOW
NO
 L0000229         0   0.25641E-01  539289.7 4215918.8     6.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0000230         0   0.25641E-01  539306.5 4215894.0     7.0     3.40    13.95     3.16     YES   HRDOW
NO
 L0000231         0   0.25641E-01  539323.2 4215869.1     6.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0000232         0   0.25641E-01  539340.0 4215844.2     6.8     3.40    13.95     3.16     YES   HRDOW
NO
 L0000233         0   0.25641E-01  539356.8 4215819.4     6.9     3.40    13.95     3.16     YES   HRDOW
NO
 L0000234         0   0.25641E-01  539373.6 4215794.5     7.1     3.40    13.95     3.16     YES   HRDOW
NO
 L0000235         0   0.25641E-01  539390.4 4215769.6     7.3     3.40    13.95     3.16     YES   HRDOW
NO
 L0000236         0   0.25641E-01  539407.1 4215744.8     7.4     3.40    13.95     3.16     YES   HRDOW
NO
 L0000237         0   0.25641E-01  539423.9 4215719.9     7.4     3.40    13.95     3.16     YES   HRDOW
NO
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
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*** VOLUME SOURCE DATA ***

AIRCRAFT SOURCE ID	NUMBER EMISSION RATE PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000238	0	0.25641E-01	539440.7	4215695.0	7.4	3.40	13.95	3.16	YES	HRDOW
NO										
L0000239	0	0.25641E-01	539457.5	4215670.2	7.5	3.40	13.95	3.16	YES	HRDOW
NO										
L0000240	0	0.25641E-01	539474.3	4215645.3	7.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0000241	0	0.25641E-01	539491.0	4215620.4	7.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0000242	0	0.25641E-01	539507.8	4215595.6	7.6	3.40	13.95	3.16	YES	HRDOW
NO										
L0000243	0	0.25641E-01	539524.6	4215570.7	7.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0000244	0	0.25641E-01	539523.3	4215550.1	7.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0000245	0	0.25641E-01	539497.2	4215535.2	8.4	3.40	13.95	3.16	YES	HRDOW
NO										
L0000246	0	0.25641E-01	539471.8	4215519.3	8.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0000247	0	0.25641E-01	539446.7	4215502.8	9.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0000248	0	0.25641E-01	539420.0	4215489.7	9.2	3.40	13.95	3.16	YES	HRDOW
NO										
L0000249	0	0.25641E-01	539391.6	4215480.0	9.5	3.40	13.95	3.16	YES	HRDOW
NO										
L0000250	0	0.25641E-01	539361.8	4215478.4	9.7	3.40	13.95	3.16	YES	HRDOW
NO										
L0000251	0	0.25641E-01	539332.1	4215480.4	9.9	3.40	13.95	3.16	YES	HRDOW
NO										
L0000252	0	0.25641E-01	539303.0	4215487.8	10.1	3.40	13.95	3.16	YES	HRDOW
NO										
L0000472	0	0.16667E+00	539322.9	4215606.6	9.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0000473	0	0.16667E+00	539297.8	4215590.0	9.4	1.30	13.95	1.21	YES	HRDOW
NO										
L0000474	0	0.16667E+00	539272.8	4215573.5	9.8	1.30	13.95	1.21	YES	HRDOW
NO										
L0000475	0	0.16667E+00	539248.2	4215556.4	10.2	1.30	13.95	1.21	YES	HRDOW
NO										
L0000476	0	0.16667E+00	539263.1	4215534.3	10.1	1.30	13.95	1.21	YES	HRDOW
NO										
L0000477	0	0.16667E+00	539286.1	4215515.2	10.0	1.30	13.95	1.21	YES	HRDOW
NO										

*** AREAPOLY SOURCE DATA ***

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
BREATH	BREATH ,
CAR1	L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,
CAR2	L0000434 , L0000435 , L0000436 , L0000437 , L0000438 , L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 , L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 ,
CAR3	L0000352 , L0000353 , L0000354 , L0000355 , L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , L0000380 , L0000381 , L0000382 , L0000383 , L0000384 ,
CAR4	L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,
HOSE	HOSE ,
IDLCAR	IDLCAR ,
IDLTK	IDLTK ,

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
TK1	L0000341 , L0000342 , L0000343 , L0000344 , L0000345 , L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,
TK2	L0000214 , L0000215 , L0000216 , L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , L0000242 , L0000243 , L0000244 , L0000245 , L0000246 , L0000247 , L0000248 , L0000249 , L0000250 , L0000251 , L0000252 ,
ALL	SPIL1 , LOAD , BREATH , REFILLING , HOSE , L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 , L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 , L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 , L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , L0000462 , L0000463 , L0000464 , L0000465 , L0000466 , L0000467 , L0000468 , L0000469 , L0000470 , L0000471 , L0000352 , L0000353 , L0000354 , L0000355 , L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID   SOURCE IDs
 -----------   ----------

            L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   , L0000226   ,
L0000227   ,

            L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   , L0000234   ,
L0000235   ,

            L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   , L0000242   ,
L0000243   ,

            L0000244   , L0000245   , L0000246   , L0000247   , L0000248   , L0000249   , L0000250   ,
L0000251   ,

            L0000252   , IDLTK   , IDLCAR   , L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,

            L0000477   ,

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                        *** SOURCE IDs DEFINED AS URBAN SOURCES ***

  URBAN ID   URBAN POP   SOURCE IDs
  --------   ---------   ----------

              260206.   SPIL1   , LOAD   , BREATH   , REFILLING   , HOSE   , L0000423   ,
L0000424   ,
 L0000425   ,

            L0000426   , L0000427   , L0000428   , L0000429   , L0000430   , L0000431   , L0000432   ,
L0000433   ,

            L0000434   , L0000435   , L0000436   , L0000437   , L0000438   , L0000439   , L0000440   ,
L0000441   ,

            L0000442   , L0000443   , L0000444   , L0000445   , L0000446   , L0000447   , L0000448   ,
L0000449   ,

            L0000450   , L0000451   , L0000452   , L0000453   , L0000454   , L0000455   , L0000456   ,
L0000457   ,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = SPIL1 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00	24	.0000E+00
DAY OF WEEK = SATURDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01	8	.1000E+01
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01	16	.1000E+01
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00		

24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = LOAD   ; SOURCE TYPE = POINT   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = REFILLING   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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  PAGE  15
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = HOSE         ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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  PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000423     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

```
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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  PAGE  17
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000424     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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  PAGE  18
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000425     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

```
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  19
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000426     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  20
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000427     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

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    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  21
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000428     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000429     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

```
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  15:15:41

  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000430     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                              DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                              DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  15:15:41

  PAGE  24
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *
```

```
 SOURCE ID = L0000431     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000432     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000433 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000434 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** *** 15:15:41

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000435 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000436 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000437 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000438 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000439   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000440   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000441   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000442   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE  36
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000443     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000444     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000445     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  39
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000446     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

```
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000447     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000448     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
```

```
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE  42
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000449     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000450     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000451     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  45
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000452     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000453 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000454     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  48
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000455     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000456 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000457 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000458 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000459 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000460 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000461 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000462   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000463   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000464   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000465   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

```
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000466     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE  60
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000467     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                        DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  61
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000468     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  62
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000469     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000470 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000471 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01

```
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
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  PAGE  65
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000352     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  66
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000353     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000354     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000355     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000356 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000357     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000358     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000359 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000360 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000361 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000362 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000363 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000364 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000365   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000366   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000367   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000368   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000369   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000370   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  84
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000371     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000372     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

```
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  88
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000375     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
*** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  89
*** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000376     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  90
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000377     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000378     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000379 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
- - - - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000380     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000381     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000382 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000383 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000384 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000341 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000342 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000343 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000344 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000345 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000346   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000347   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000348     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000349     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
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```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 107
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000350     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 108
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000351     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000214 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000215 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01

16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000216   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000217   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000218     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 114
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000219     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000220 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000221     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 117
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000222     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000223 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000224 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** AERMOD - VERSION 24142 *** *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - *** 07/15/25
*** AERMET - VERSION 18081 *** *** *** 15:15:41

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000225 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000226 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000227 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000228 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000229 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000230 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000231   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000232   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

```
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000233     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 129
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000234     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
```

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000235     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000236     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000239   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000240   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -

                                        DAY OF WEEK = WEEKDAY

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 136
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000241     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000242     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
```

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000243 ; SOURCE TYPE = VOLUME :

HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

- -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01 8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01 16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00 24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

```
 SOURCE ID = L0000244     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000245     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
↟ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 141
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
```

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000246 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000247 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000248 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000249 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000250 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000251 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000252 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = IDLTK ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SATURDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01
8	.1000E+01												
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15	.1000E+01
16	.1000E+01												
17	.1000E+01	18	.1000E+01	19	.1000E+01	20	.1000E+01	21	.1000E+01	22	.1000E+01	23	.0000E+00
24	.0000E+00												
DAY OF WEEK = SUNDAY													
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.1000E+01	7	.1000E+01

8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = IDLCAR   ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                   * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000472   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                          DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00

24 .0000E+00

                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000473   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SUNDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000474   ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 -
- - - - - - -
                                        DAY OF WEEK = WEEKDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01
    9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14 .1000E+01   15 .1000E+01
16 .1000E+01
   17 .1000E+01   18 .1000E+01   19 .1000E+01   20 .1000E+01   21 .1000E+01   22 .1000E+01   23 .0000E+00
24 .0000E+00
                                        DAY OF WEEK = SATURDAY
    1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6 .1000E+01   7 .1000E+01
8 .1000E+01

```
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000475     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
                                          DAY OF WEEK = SUNDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 154
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

 SOURCE ID = L0000476     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - -
                                          DAY OF WEEK = WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00    6  .1000E+01    7  .1000E+01
8  .1000E+01
    9  .1000E+01   10  .1000E+01   11  .1000E+01   12  .1000E+01   13  .1000E+01   14  .1000E+01   15  .1000E+01
16  .1000E+01
   17  .1000E+01   18  .1000E+01   19  .1000E+01   20  .1000E+01   21  .1000E+01   22  .1000E+01   23  .0000E+00
24  .0000E+00
```

DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = L0000477 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
HOUR SCALAR
- -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6 .1000E+01 7 .1000E+01
8 .1000E+01
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14 .1000E+01 15 .1000E+01
16 .1000E+01
17 .1000E+01 18 .1000E+01 19 .1000E+01 20 .1000E+01 21 .1000E+01 22 .1000E+01 23 .0000E+00
24 .0000E+00

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
(METERS)

538745.2, 538765.2, 538785.2, 538805.2, 538825.2, 538845.2, 538865.2, 538885.2, 538905.2, 538925.2,
538945.2, 538965.2, 538985.2, 539005.2, 539025.2, 539045.2, 539065.2, 539085.2, 539105.2, 539125.2,
539145.2, 539165.2, 539185.2, 539205.2, 539225.2, 539245.2, 539265.2, 539285.2, 539305.2, 539325.2,
539345.2, 539365.2, 539385.2, 539405.2, 539425.2, 539445.2, 539465.2, 539485.2, 539505.2, 539525.2,

539545.2, 539565.2, 539585.2, 539605.2, 539625.2, 539645.2, 539665.2, 539685.2, 539705.2, 539725.2,

*** Y-COORDINATES OF GRID ***
(METERS)

4215020.6, 4215040.6, 4215060.6, 4215080.6, 4215100.6, 4215120.6, 4215140.6, 4215160.6, 4215180.6, 4215200.6,
4215220.6, 4215240.6, 4215260.6, 4215280.6, 4215300.6, 4215320.6, 4215340.6, 4215360.6, 4215380.6, 4215400.6,
4215420.6, 4215440.6, 4215460.6, 4215480.6, 4215500.6, 4215520.6, 4215540.6, 4215560.6, 4215580.6, 4215600.6,
4215620.6, 4215640.6, 4215660.6, 4215680.6, 4215700.6, 4215720.6, 4215740.6, 4215760.6, 4215780.6, 4215800.6,
4215820.6, 4215840.6, 4215860.6, 4215880.6, 4215900.6, 4215920.6, 4215940.6, 4215960.6, 4215980.6, 4216000.6,

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	9.60	9.30	9.10	8.80	8.80	8.80	8.80	8.70	8.40
4215980.65	9.80	9.60	9.30	9.10	9.10	9.10	9.10	8.90	8.70
4215960.65	10.10	9.80	9.50	9.30	9.30	9.30	9.30	9.10	8.90
4215940.65	10.30	10.00	9.70	9.50	9.50	9.50	9.50	9.40	9.10
4215920.65	10.50	10.20	9.90	9.70	9.70	9.70	9.70	9.60	9.30
4215900.65	10.70	10.40	10.20	9.90	9.90	9.90	9.90	9.80	9.50
4215880.65	10.90	10.70	10.40	10.10	10.10	10.10	10.00	9.90	9.70
4215860.65	11.10	10.90	10.60	10.30	10.20	10.20	10.10	9.90	9.70
4215840.65	11.40	11.10	10.80	10.60	10.40	10.20	10.10	9.90	9.80
4215820.65	11.60	11.30	11.00	10.80	10.50	10.30	10.10	10.00	9.90
4215800.65	11.80	11.50	11.20	11.00	10.70	10.40	10.20	10.00	10.00
4215780.65	12.00	11.70	11.50	11.20	11.00	10.80	10.60	10.40	10.40
4215760.65	12.20	12.00	11.70	11.40	11.30	11.10	11.00	10.80	10.70
4215740.65	12.40	12.20	11.90	11.60	11.50	11.50	11.40	11.20	11.10
4215720.65	12.70	12.40	12.10	11.90	11.80	11.80	11.80	11.60	11.40
4215700.65	12.90	12.60	12.30	12.10	12.10	12.10	12.10	12.00	11.70
4215680.65	13.10	12.80	12.60	12.30	12.30	12.30	12.30	12.20	11.90
4215660.65	13.30	13.00	12.80	12.50	12.50	12.50	12.50	12.40	12.10
4215640.65	13.50	13.30	13.00	12.70	12.70	12.70	12.70	12.60	12.40
4215620.65	13.80	13.50	13.20	12.90	12.90	13.00	13.00		

12.80 12.60
4215600.65 | 14.00 13.70 13.40 13.20 13.20 13.20 13.20
13.10 12.80
4215580.65 | 14.20 13.90 13.60 13.40 13.40 13.40 13.40
13.30 13.00
4215560.65 | 14.40 14.10 13.90 13.60 13.60 13.60 13.60
13.50 13.20
4215540.65 | 14.60 14.40 14.10 13.80 13.80 13.80 13.80
13.70 13.40
4215520.65 | 14.80 14.60 14.30 14.00 14.00 14.00 14.00
13.90 13.60
4215500.65 | 15.10 14.80 14.50 14.20 14.20 14.10 14.00
13.90 13.70
4215480.65 | 15.30 15.00 14.70 14.50 14.30 14.20 14.10
13.90 13.80
4215460.65 | 15.50 15.20 14.90 14.70 14.50 14.30 14.10
14.00 13.90
4215440.65 | 15.70 15.40 15.20 14.90 14.60 14.40 14.20
14.00 14.00
4215420.65 | 15.90 15.70 15.40 15.10 14.80 14.60 14.30
14.10 14.10
4215400.65 | 16.10 15.90 15.60 15.30 15.10 14.80 14.50
14.30 14.30
4215380.65 | 16.40 16.10 15.80 15.50 15.30 15.00 14.70
14.50 14.50
4215360.65 | 16.60 16.30 16.00 15.80 15.50 15.20 14.90
14.80 14.80
4215340.65 | 16.80 16.50 16.30 16.00 15.70 15.40 15.20
15.00 15.00
4215320.65 | 17.00 16.70 16.50 16.20 16.00 15.80 15.50
15.40 15.30
4215300.65 | 17.20 17.00 16.70 16.40 16.30 16.10 15.90
15.80 15.70
4215280.65 | 17.50 17.20 16.90 16.60 16.50 16.40 16.30
16.20 16.00
4215260.65 | 17.70 17.40 17.10 16.90 16.80 16.80 16.70
16.60 16.40
4215240.65 | 17.90 17.60 17.30 17.10 17.00 17.00 17.00
16.90 16.70
4215220.65 | 18.10 17.80 17.60 17.30 17.20 17.10 17.10
16.90 16.70

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS) | X-COORD (METERS)
538745.17 538765.17 538785.17 538805.17 538825.17 538845.17 538865.17 538885.17 538905.17

4215200.65 | 18.30 18.00 17.80 17.50 17.40 17.20 17.10 17.00 16.80
4215180.65 | 18.50 18.30 18.00 17.70 17.50 17.30 17.10 17.00 16.90
4215160.65 | 18.80 18.50 18.20 17.90 17.70 17.40 17.20 17.00 17.00
4215140.65 | 19.00 18.70 18.40 18.20 17.90 17.60 17.30 17.10 17.10
4215120.65 | 19.20 18.90 18.60 18.40 18.10 17.80 17.60 17.30 17.20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	8.20	7.90	7.80	7.80	7.80	7.80	7.50	7.30	7.00
4215980.65	8.40	8.10	8.10	8.10	8.10	8.00	7.70	7.50	7.20
4215960.65	8.60	8.30	8.30	8.30	8.30	8.20	8.00	7.70	7.40
4215940.65	8.80	8.50	8.50	8.50	8.50	8.50	8.20	7.90	7.60
4215920.65	9.00	8.80	8.70	8.70	8.70	8.70	8.40	8.10	7.90
4215900.65	9.30	9.00	8.90	8.90	8.90	8.90	8.60	8.30	8.10
4215880.65	9.40	9.20	9.10	9.10	9.10	9.10	8.80	8.60	8.30
4215860.65	9.60	9.40	9.40	9.40	9.40	9.30	9.10	8.80	8.50
4215840.65	9.70	9.60	9.60	9.60	9.60	9.50	9.30	9.00	8.70
4215820.65	9.90	9.80	9.80	9.80	9.80	9.80	9.50	9.20	8.90
4215800.65	10.00	10.00	10.00	10.00	10.00	10.00	9.70	9.40	9.20
4215780.65	10.30	10.20	10.20	10.10	10.10	10.00	9.80	9.60	9.30
4215760.65	10.60	10.50	10.30	10.20	10.10	10.00	9.80	9.70	9.50
4215740.65	10.90	10.70	10.50	10.30	10.20	10.00	9.90	9.80	9.70
4215720.65	11.20	10.90	10.70	10.50	10.20	10.00	10.00	9.90	9.90
4215700.65	11.40	11.20	10.90	10.60	10.30	10.10	10.10	10.10	10.10
4215680.65	11.60	11.40	11.10	10.80	10.60	10.30	10.30	10.30	10.30
4215660.65	11.90	11.60	11.30	11.00	10.80	10.50	10.50	10.50	10.50
4215640.65	12.10	11.80	11.50	11.30	11.00	10.70	10.70	10.70	10.70
4215620.65	12.30	12.00	11.80	11.50	11.20	11.00	11.00	11.00	11.00
4215600.65	12.50	12.20	12.00	11.70	11.40	11.20	11.20		

								11.20	11.20
4215580.65	12.70	12.50	12.20	11.90	11.60	11.40	11.40	11.40	11.40
4215560.65	13.00	12.70	12.40	12.10	11.90	11.60	11.60	11.60	11.60
4215540.65	13.20	12.90	12.60	12.40	12.10	11.80	11.80	11.80	11.80
4215520.65	13.40	13.10	12.80	12.60	12.30	12.00	12.00	12.00	12.00
4215500.65	13.50	13.30	13.10	12.80	12.50	12.30	12.30	12.30	12.30
4215480.65	13.70	13.50	13.30	13.00	12.70	12.50	12.50	12.50	12.50
4215460.65	13.80	13.70	13.50	13.20	12.90	12.70	12.70	12.70	12.70
4215440.65	13.90	13.90	13.70	13.40	13.20	12.90	12.90	12.90	12.90
4215420.65	14.10	14.10	13.90	13.70	13.40	13.10	13.10	13.10	13.10
4215400.65	14.30	14.30	14.10	13.90	13.60	13.30	13.30	13.30	13.30
4215380.65	14.50	14.60	14.40	14.10	13.80	13.60	13.60	13.60	13.60
4215360.65	14.80	14.80	14.60	14.30	14.00	13.80	13.80	13.80	13.80
4215340.65	15.00	15.00	14.80	14.50	14.30	14.00	14.00	14.00	14.00
4215320.65	15.30	15.20	15.00	14.70	14.50	14.20	14.10	14.10	14.00
4215300.65	15.60	15.50	15.20	15.00	14.70	14.40	14.30	14.20	14.10
4215280.65	15.90	15.70	15.50	15.20	14.90	14.60	14.50	14.30	14.10
4215260.65	16.20	15.90	15.70	15.40	15.10	14.90	14.60	14.40	14.20
4215240.65	16.40	16.20	15.90	15.60	15.30	15.10	14.80	14.50	14.30
4215220.65	16.50	16.40	16.10	15.80	15.60	15.30	15.00	14.70	14.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4215200.65	16.70	16.50	16.30	16.10	15.80	15.50	15.20	15.00	14.70
4215180.65	16.80	16.70	16.50	16.30	16.00	15.70	15.50	15.20	14.90
4215160.65	17.00	16.90	16.80	16.50	16.20	15.90	15.70	15.40	15.10
4215140.65	17.10	17.00	16.90	16.60	16.40	16.20	15.90	15.60	15.30
4215120.65	17.10	17.00	16.90	16.70	16.50	16.40	16.10	15.80	15.60
4215100.65	17.20	17.10	16.90	16.80	16.70	16.60	16.30	16.00	15.80

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	6.90	6.90	6.90	6.90	6.70	6.40	6.20	6.00	6.00
4215980.65	7.10	7.10	7.10	7.10	6.80	6.60	6.30	6.10	6.10
4215960.65	7.30	7.30	7.30	7.30	7.10	6.80	6.50	6.30	6.30
4215940.65	7.50	7.50	7.50	7.50	7.30	7.00	6.70	6.50	6.50
4215920.65	7.70	7.70	7.70	7.70	7.50	7.20	6.90	6.70	6.70
4215900.65	7.90	7.90	7.90	7.90	7.70	7.40	7.20	6.90	6.90
4215880.65	8.10	8.10	8.00	8.00	7.80	7.60	7.30	7.20	7.10
4215860.65	8.30	8.20	8.10	8.00	7.90	7.70	7.50	7.40	7.30
4215840.65	8.50	8.30	8.20	8.00	7.90	7.80	7.70	7.60	7.40
4215820.65	8.70	8.50	8.30	8.00	8.00	7.90	7.90	7.80	7.50
4215800.65	8.90	8.60	8.30	8.10	8.00	8.00	8.00	8.00	7.70
4215780.65	9.10	8.80	8.60	8.30	8.20	8.20	8.20	8.20	7.90
4215760.65	9.30	9.00	8.80	8.50	8.50	8.50	8.50	8.40	8.10
4215740.65	9.50	9.30	9.00	8.70	8.70	8.70	8.70	8.60	8.40
4215720.65	9.80	9.50	9.20	8.90	8.90	8.90	8.90	8.80	8.60
4215700.65	10.00	9.70	9.40	9.20	9.10	9.10	9.00	9.00	8.70
4215680.65	10.20	9.90	9.60	9.40	9.20	9.20	9.10	9.00	8.80
4215660.65	10.40	10.10	9.90	9.60	9.40	9.30	9.10	9.00	8.90
4215640.65	10.60	10.40	10.10	9.80	9.60	9.40	9.20	9.00	8.90
4215620.65	10.80	10.60	10.30	10.00	9.80	9.50	9.20	9.00	9.00
4215600.65	11.10	10.80	10.50	10.20	10.00	9.70	9.40	9.20	9.20
4215580.65	11.30	11.00	10.70	10.50	10.20	9.90	9.60		

9.40 9.40
4215560.65 | 11.50 11.20 11.00 10.70 10.40 10.10 9.90
9.60 9.60
4215540.65 | 11.70 11.40 11.20 10.90 10.60 10.40 10.10
9.80 9.80
4215520.65 | 11.90 11.70 11.40 11.10 10.80 10.60 10.30
10.10 10.00
4215500.65 | 12.20 11.90 11.60 11.30 11.10 10.80 10.50
10.30 10.20
4215480.65 | 12.40 12.10 11.80 11.60 11.30 11.00 10.70
10.50 10.30
4215460.65 | 12.60 12.30 12.00 11.80 11.50 11.20 10.90
10.70 10.50
4215440.65 | 12.80 12.50 12.30 12.00 11.70 11.40 11.20
10.90 10.60
4215420.65 | 13.00 12.70 12.50 12.20 11.90 11.70 11.40
11.10 10.80
4215400.65 | 13.20 13.00 12.70 12.40 12.10 11.90 11.60
11.30 11.10
4215380.65 | 13.50 13.20 12.90 12.60 12.40 12.10 11.80
11.50 11.30
4215360.65 | 13.70 13.40 13.10 12.90 12.60 12.30 12.00
11.80 11.50
4215340.65 | 13.90 13.60 13.30 13.10 12.80 12.50 12.30
12.00 11.70
4215320.65 | 13.90 13.70 13.50 13.30 13.00 12.60 12.30
12.00 11.80
4215300.65 | 13.90 13.80 13.60 13.50 13.20 12.80 12.40
12.00 11.80
4215280.65 | 14.00 13.90 13.80 13.70 13.30 12.90 12.40
12.00 11.90
4215260.65 | 14.00 13.90 13.90 13.90 13.50 13.00 12.50
12.00 12.00
4215240.65 | 14.10 14.00 14.00 14.00 13.60 13.10 12.60
12.10 12.10
4215220.65 | 14.30 14.20 14.10 14.00 13.70 13.20 12.70
12.30 12.30

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215200.65	14.50	14.30	14.20	14.00	13.70	13.30	12.90	12.50	12.50
4215180.65	14.70	14.50	14.30	14.10	13.80	13.40	13.10	12.70	12.70
4215160.65	14.90	14.60	14.30	14.10	13.80	13.50	13.20	12.90	12.90
4215140.65	15.10	14.70	14.40	14.10	13.80	13.60	13.40	13.20	13.10
4215120.65	15.30	14.90	14.50	14.10	13.90	13.70	13.50	13.40	13.30
4215100.65	15.50	15.00	14.60	14.20	13.90	13.80	13.70	13.60	13.40
4215080.65	15.70	15.20	14.70	14.20	14.00	13.90	13.90	13.80	13.60

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	5.90	5.90	5.90	5.90	5.90	5.90	5.60	5.30	5.10
4215980.65	6.10	6.10	6.10	6.00	6.00	6.00	5.80	5.50	5.30
4215960.65	6.30	6.30	6.30	6.20	6.10	6.00	5.80	5.60	5.40
4215940.65	6.50	6.50	6.40	6.30	6.20	6.00	5.90	5.80	5.60
4215920.65	6.70	6.70	6.60	6.40	6.20	6.00	5.90	5.90	5.80
4215900.65	6.90	6.90	6.80	6.50	6.30	6.00	6.00	6.00	6.00
4215880.65	7.10	7.00	6.90	6.60	6.40	6.20	6.10	6.10	6.00
4215860.65	7.20	7.00	6.90	6.70	6.60	6.40	6.30	6.20	6.10
4215840.65	7.20	7.10	6.90	6.80	6.70	6.60	6.50	6.30	6.10
4215820.65	7.30	7.10	7.00	6.90	6.90	6.80	6.60	6.40	6.20
4215800.65	7.40	7.20	7.00	7.00	7.00	7.00	6.80	6.50	6.30
4215780.65	7.70	7.40	7.20	7.20	7.20	7.20	7.00	6.70	6.50
4215760.65	7.90	7.60	7.50	7.50	7.50	7.50	7.20	7.00	6.70
4215740.65	8.10	7.80	7.70	7.70	7.70	7.70	7.40	7.20	6.90
4215720.65	8.30	8.00	7.90	7.90	7.90	7.90	7.70	7.40	7.10
4215700.65	8.50	8.20	8.10	8.10	8.00	8.00	7.80	7.60	7.30
4215680.65	8.60	8.40	8.30	8.20	8.10	8.00	7.80	7.70	7.50
4215660.65	8.70	8.60	8.50	8.30	8.20	8.00	7.90	7.80	7.70
4215640.65	8.90	8.80	8.70	8.50	8.20	8.00	7.90	7.90	7.80
4215620.65	9.00	9.00	8.80	8.60	8.30	8.00	8.00	8.00	8.00
4215600.65	9.20	9.20	9.10	8.80	8.50	8.20	8.20	8.20	8.20
4215580.65	9.40	9.40	9.30	9.00	8.70	8.50	8.40	8.40	8.40
4215560.65	9.60	9.60	9.50	9.20	9.00	8.70	8.60		

								8.60	8.60
4215540.65	9.80	9.80	9.70	9.40	9.20	8.90	8.80	8.80	8.80
4215520.65	10.00	10.00	9.90	9.60	9.40	9.10	9.00	9.00	9.00
4215500.65	10.10	10.00	9.90	9.70	9.50	9.30	9.20	9.10	9.10
4215480.65	10.20	10.10	9.90	9.80	9.70	9.50	9.40	9.30	9.10
4215460.65	10.30	10.10	10.00	9.90	9.80	9.70	9.60	9.40	9.20
4215440.65	10.40	10.10	10.00	10.00	9.90	9.90	9.70	9.50	9.20
4215420.65	10.60	10.30	10.10	10.10	10.00	10.00	9.80	9.60	9.40
4215400.65	10.80	10.50	10.30	10.20	10.10	10.00	9.90	9.70	9.50
4215380.65	11.00	10.70	10.50	10.40	10.20	10.00	9.90	9.80	9.70
4215360.65	11.20	10.90	10.70	10.50	10.30	10.10	10.00	9.90	9.80
4215340.65	11.40	11.20	10.90	10.60	10.30	10.10	10.00	10.00	10.00
4215320.65	11.60	11.30	11.10	10.80	10.60	10.30	10.20	10.20	10.20
4215300.65	11.70	11.50	11.30	11.10	10.80	10.50	10.40	10.40	10.40
4215280.65	11.80	11.70	11.50	11.30	11.00	10.70	10.70	10.70	10.70
4215260.65	11.90	11.90	11.80	11.50	11.20	10.90	10.90	10.90	10.90
4215240.65	12.10	12.10	12.00	11.70	11.40	11.20	11.10	11.00	11.00
4215220.65	12.30	12.30	12.20	11.90	11.70	11.40	11.20	11.20	11.10

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	12.50	12.50	12.40	12.10	11.90	11.60	11.40	11.30	11.10
4215180.65	12.70	12.70	12.60	12.40	12.10	11.80	11.60	11.40	11.20
4215160.65	12.90	12.90	12.90	12.60	12.30	12.00	11.80	11.50	11.20
4215140.65	13.10	13.00	12.90	12.70	12.50	12.20	12.00	11.70	11.40
4215120.65	13.20	13.10	12.90	12.80	12.60	12.40	12.20	11.90	11.70
4215100.65	13.30	13.10	13.00	12.90	12.70	12.60	12.40	12.10	11.90
4215080.65	13.40	13.10	13.00	12.90	12.90	12.80	12.60	12.40	12.10
4215060.65	13.50	13.20	13.00	13.00	13.00	13.00	12.80	12.60	12.30

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17
539605.17	539625.17						
4216000.65	4.80	4.60	4.30	4.10	4.00	3.90	3.90
3.90	3.60						
4215980.65	5.00	4.70	4.50	4.20	4.10	4.10	4.00
4.00	3.70						
4215960.65	5.20	5.00	4.70	4.40	4.30	4.20	4.10
4.00	3.70						
4215940.65	5.50	5.20	4.90	4.60	4.40	4.30	4.20
4.00	3.70						
4215920.65	5.70	5.40	5.10	4.90	4.60	4.40	4.20
4.00	3.70						
4215900.65	5.90	5.60	5.30	5.10	4.80	4.50	4.30
4.00	3.70						
4215880.65	5.90	5.70	5.50	5.30	5.00	4.70	4.50
4.20	3.90						
4215860.65	6.00	5.80	5.60	5.50	5.20	5.00	4.70
4.40	4.10						
4215840.65	6.00	5.90	5.80	5.70	5.50	5.20	4.90
4.60	4.40						
4215820.65	6.00	5.90	5.90	5.80	5.70	5.40	5.10
4.90	4.60						
4215800.65	6.00	6.00	6.00	6.00	5.90	5.60	5.30
5.10	4.80						
4215780.65	6.30	6.30	6.30	6.30	6.10	5.80	5.60
5.30	5.00						
4215760.65	6.50	6.50	6.50	6.50	6.30	6.10	5.80
5.50	5.20						
4215740.65	6.70	6.70	6.70	6.70	6.50	6.30	6.00
5.70	5.50						
4215720.65	6.90	6.90	6.90	6.90	6.80	6.50	6.20
5.90	5.70						
4215700.65	7.10	7.10	7.00	7.00	6.90	6.60	6.30
6.00	5.80						
4215680.65	7.30	7.20	7.10	7.00	6.90	6.60	6.30
6.00	5.80						
4215660.65	7.50	7.40	7.20	7.10	6.90	6.60	6.30
6.00	5.80						
4215640.65	7.70	7.50	7.30	7.10	6.90	6.60	6.30
6.00	5.80						
4215620.65	7.90	7.70	7.40	7.10	6.90	6.60	6.30
6.00	5.80						
4215600.65	8.20	7.90	7.60	7.30	7.10	6.80	6.50
6.20	6.00						
4215580.65	8.40	8.10	7.80	7.60	7.30	7.00	6.70
6.50	6.20						
4215560.65	8.60	8.30	8.00	7.80	7.50	7.20	7.00
6.70	6.40						
4215540.65	8.80	8.50	8.30	8.00	7.70	7.40	7.20

6.90 6.60
4215520.65 | 9.00 8.70 8.50 8.20 7.90 7.70 7.40
7.10 6.80
4215500.65 | 9.00 8.80 8.60 8.40 8.20 7.90 7.60
7.30 7.10
4215480.65 | 9.00 8.80 8.70 8.60 8.40 8.10 7.80
7.60 7.30
4215460.65 | 9.00 8.90 8.80 8.80 8.60 8.30 8.00
7.80 7.50
4215440.65 | 9.00 9.00 9.00 8.90 8.80 8.50 8.30
8.00 7.70
4215420.65 | 9.10 9.10 9.10 9.00 8.90 8.70 8.40
8.20 7.90
4215400.65 | 9.40 9.30 9.20 9.10 8.90 8.70 8.60
8.40 8.20
4215380.65 | 9.60 9.40 9.20 9.10 8.90 8.80 8.70
8.60 8.40
4215360.65 | 9.80 9.60 9.30 9.10 9.00 8.90 8.90
8.80 8.60
4215340.65 | 10.00 9.70 9.40 9.20 9.00 9.00 9.00
9.00 8.80
4215320.65 | 10.20 9.90 9.70 9.40 9.20 9.10 9.10
9.00 8.80
4215300.65 | 10.40 10.10 9.90 9.60 9.40 9.30 9.20
9.00 8.80
4215280.65 | 10.60 10.40 10.10 9.80 9.60 9.40 9.20
9.00 8.80
4215260.65 | 10.90 10.60 10.30 10.00 9.80 9.50 9.30
9.10 8.80
4215240.65 | 11.00 10.70 10.50 10.20 10.00 9.70 9.40
9.20 8.90
4215220.65 | 11.00 10.80 10.60 10.40 10.20 9.90 9.70
9.40 9.10

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	11.00	10.90	10.70	10.60	10.40	10.10	9.90	9.60	9.30
4215180.65	11.00	10.90	10.90	10.80	10.60	10.40	10.10	9.80	9.50
4215160.65	11.00	11.00	11.00	11.00	10.90	10.60	10.30	10.00	9.80
4215140.65	11.20	11.10	11.10	11.00	10.90	10.60	10.30	10.10	9.80
4215120.65	11.40	11.30	11.20	11.10	10.90	10.60	10.30	10.10	9.80
4215100.65	11.60	11.40	11.30	11.10	10.90	10.60	10.30	10.10	9.80
4215080.65	11.80	11.60	11.40	11.10	10.90	10.60	10.30	10.10	9.80
4215060.65	12.00	11.80	11.50	11.20	10.90	10.70	10.40	10.10	9.90
4215040.65	12.20	12.00	11.70	11.40	11.20	10.90	10.60	10.30	10.10

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	3.30	3.10	2.80	2.50	2.30
4215980.65	3.50	3.20	2.90	2.70	2.40
4215960.65	3.50	3.20	2.90	2.80	2.60
4215940.65	3.50	3.20	3.00	2.80	2.70
4215920.65	3.50	3.20	3.00	2.90	2.80
4215900.65	3.50	3.20	3.00	3.00	3.00
4215880.65	3.70	3.40	3.20	3.10	3.10
4215860.65	3.90	3.60	3.40	3.30	3.20
4215840.65	4.10	3.80	3.60	3.40	3.20
4215820.65	4.30	4.00	3.80	3.50	3.30
4215800.65	4.50	4.30	4.00	3.70	3.40
4215780.65	4.70	4.50	4.20	3.90	3.70
4215760.65	5.00	4.70	4.40	4.10	3.90
4215740.65	5.20	4.90	4.60	4.40	4.10
4215720.65	5.40	5.10	4.90	4.60	4.30
4215700.65	5.50	5.20	4.90	4.70	4.50
4215680.65	5.50	5.20	5.00	4.80	4.60
4215660.65	5.50	5.20	5.00	4.90	4.70
4215640.65	5.50	5.20	5.00	4.90	4.90
4215620.65	5.50	5.20	5.00	5.00	5.00
4215600.65	5.70	5.40	5.20	5.20	5.20
4215580.65	5.90	5.60	5.40	5.40	5.40
4215560.65	6.10	5.90	5.60	5.60	5.60
4215540.65	6.40	6.10	5.90	5.90	5.90
4215520.65	6.60	6.30	6.10	6.10	6.00
4215500.65	6.80	6.50	6.30	6.20	6.10
4215480.65	7.00	6.70	6.50	6.30	6.20
4215460.65	7.20	7.00	6.70	6.50	6.30
4215440.65	7.40	7.20	6.90	6.60	6.40
4215420.65	7.70	7.40	7.10	6.80	6.60
4215400.65	7.90	7.60	7.30	7.10	6.80
4215380.65	8.10	7.80	7.60	7.30	7.00
4215360.65	8.30	8.00	7.80	7.50	7.20
4215340.65	8.50	8.20	8.00	7.70	7.40
4215320.65	8.50	8.20	8.00	7.70	7.40
4215300.65	8.50	8.20	8.00	7.70	7.40
4215280.65	8.50	8.20	8.00	7.70	7.40
4215260.65	8.50	8.20	8.00	7.70	7.40
4215240.65	8.60	8.30	8.10	7.80	7.50
4215220.65	8.80	8.60	8.30	8.00	7.70

* ELEVATION HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	9.10	8.80	8.50	8.20	8.00
4215180.65	9.30	9.00	8.70	8.50	8.20
4215160.65	9.50	9.20	8.90	8.70	8.40
4215140.65	9.50	9.30	9.00	8.80	8.50
4215120.65	9.50	9.30	9.00	8.80	8.70
4215100.65	9.50	9.30	9.00	8.90	8.80
4215080.65	9.50	9.30	9.00	9.00	8.90
4215060.65	9.60	9.30	9.00	9.00	9.00
4215040.65	9.80	9.50	9.30	9.20	9.10
4215020.65	10.00	9.70	9.50	9.30	9.20

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215980.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215960.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215940.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215920.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215900.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215880.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215860.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215840.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215820.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215800.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215780.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215760.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215740.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215720.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215700.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215680.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

  4215660.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215640.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215620.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215600.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215580.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215560.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215540.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215520.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215500.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215480.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215460.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215440.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215420.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215400.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215380.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215360.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215340.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215320.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215300.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215280.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215260.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215240.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215220.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                            * HILL HEIGHT SCALES IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538745.17   538765.17   538785.17   538805.17   538825.17   538845.17   538865.17
538885.17   538905.17
 -
- - - - - - - -

  4215200.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215180.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215160.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00

567.00 567.00
4215140.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215120.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215100.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215080.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215060.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215040.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215020.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215980.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215960.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215940.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215920.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215900.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215880.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215860.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215840.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215820.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215800.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215780.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215760.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215740.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215720.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215700.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215680.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00
4215660.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00	567.00

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  4215640.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215620.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215600.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215580.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215560.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215540.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215520.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215500.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215480.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215460.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215440.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215420.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215400.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215380.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215360.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215340.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215320.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215300.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215280.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215260.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215240.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215220.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 172
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538925.17    538945.17    538965.17    538985.17    539005.17    539025.17    539045.17
539065.17    539085.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215180.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215160.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215140.65 |       567.00       567.00       567.00       567.00       567.00       567.00       567.00
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567.00 567.00
4215120.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215100.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215080.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215060.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215040.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215020.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17
539245.17	539265.17						
4216000.65	567.00	567.00	6.90	6.90	6.70	6.40	6.20
6.00	6.00						
4215980.65	567.00	567.00	7.10	7.10	6.80	6.60	6.30
6.10	6.10						
4215960.65	567.00	567.00	567.00	7.30	7.10	6.80	6.50
6.30	6.30						
4215940.65	567.00	567.00	567.00	567.00	7.30	7.00	6.70
6.50	6.50						
4215920.65	567.00	567.00	567.00	567.00	7.50	7.20	6.90
6.70	6.70						
4215900.65	567.00	567.00	567.00	567.00	567.00	7.40	7.20
6.90	6.90						
4215880.65	567.00	567.00	567.00	567.00	567.00	567.00	7.30
7.20	7.10						
4215860.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
7.40	7.30						
4215840.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
7.60	7.40						
4215820.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	7.50						
4215800.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215780.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215760.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215740.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215720.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215700.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215680.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215660.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						
4215640.65	567.00	567.00	567.00	567.00	567.00	567.00	567.00
567.00	567.00						

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  4215620.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215600.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215580.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215560.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215540.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215520.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215500.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215480.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215460.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215440.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215420.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215400.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215380.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215360.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215340.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215320.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215300.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215280.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215260.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215240.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215220.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
♠ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 174
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539105.17    539125.17    539145.17    539165.17    539185.17    539205.17    539225.17
539245.17    539265.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215180.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215160.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215140.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215120.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
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567.00 567.00
4215100.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215080.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215060.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215040.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215020.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17
539425.17	539445.17						
4216000.65	5.90	5.90	5.90	5.90	5.90	5.90	5.60
5.30	5.10						
4215980.65	6.10	6.10	6.10	6.00	6.00	6.00	5.80
5.50	5.30						
4215960.65	6.30	6.30	6.30	6.20	6.10	6.00	5.80
5.60	5.40						
4215940.65	6.50	6.50	6.40	6.30	6.20	6.00	5.90
5.80	5.60						
4215920.65	6.70	6.70	6.60	6.40	6.20	6.00	5.90
5.90	5.80						
4215900.65	6.90	6.90	6.80	6.50	6.30	6.00	6.00
6.00	6.00						
4215880.65	7.10	7.00	6.90	6.60	6.40	6.20	6.10
6.10	6.00						
4215860.65	7.20	7.00	6.90	6.70	6.60	6.40	6.30
6.20	6.10						
4215840.65	7.20	7.10	6.90	6.80	6.70	6.60	6.50
6.30	6.10						
4215820.65	7.30	7.10	7.00	6.90	6.90	6.80	6.60
6.40	6.20						
4215800.65	7.40	7.20	7.00	7.00	7.00	7.00	6.80
6.50	6.30						
4215780.65	567.00	7.40	7.20	7.20	7.20	7.20	7.00
6.70	6.50						
4215760.65	567.00	7.60	7.50	7.50	7.50	7.50	7.20
7.00	6.70						
4215740.65	567.00	567.00	7.70	7.70	7.70	7.70	7.40
7.20	6.90						
4215720.65	567.00	567.00	7.90	7.90	7.90	7.90	7.70
7.40	7.10						
4215700.65	567.00	567.00	567.00	8.10	8.00	8.00	7.80
7.60	7.30						
4215680.65	567.00	567.00	567.00	567.00	8.10	8.00	7.80
7.70	7.50						
4215660.65	567.00	567.00	567.00	567.00	8.20	8.00	7.90
7.80	7.70						
4215640.65	567.00	567.00	567.00	567.00	567.00	8.00	7.90
7.90	7.80						
4215620.65	567.00	567.00	567.00	567.00	567.00	567.00	8.00
8.00	8.00						

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  4215600.65 |        567.00       567.00       567.00       567.00       567.00       567.00         8.20
8.20         8.20
  4215580.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
8.40         8.40
  4215560.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
8.60         8.60
  4215540.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00         8.80
  4215520.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00         9.00
  4215500.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215480.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215460.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215440.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215420.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215400.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215380.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215360.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215340.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215320.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215300.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215280.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215260.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215240.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215220.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     539285.17    539305.17    539325.17    539345.17    539365.17    539385.17    539405.17
539425.17    539445.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215180.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215160.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215140.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215120.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
567.00       567.00
  4215100.65 |        567.00       567.00       567.00       567.00       567.00       567.00       567.00
```

567.00 567.00
4215080.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215060.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215040.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00
4215020.65 | 567.00 567.00 567.00 567.00 567.00 567.00 567.00
567.00 567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17
539605.17	539625.17						
4216000.65	4.80	4.60	4.30	4.10	4.00	3.90	3.90
3.90	3.60						
4215980.65	5.00	4.70	4.50	4.20	4.10	4.10	4.00
4.00	3.70						
4215960.65	5.20	5.00	4.70	4.40	4.30	4.20	4.10
4.00	3.70						
4215940.65	5.50	5.20	4.90	4.60	4.40	4.30	4.20
4.00	3.70						
4215920.65	5.70	5.40	5.10	4.90	4.60	4.40	4.20
4.00	3.70						
4215900.65	5.90	5.60	5.30	5.10	4.80	4.50	4.30
4.00	3.70						
4215880.65	5.90	5.70	5.50	5.30	5.00	4.70	4.50
4.20	3.90						
4215860.65	6.00	5.80	5.60	5.50	5.20	5.00	4.70
4.40	4.10						
4215840.65	6.00	5.90	5.80	5.70	5.50	5.20	4.90
4.60	4.40						
4215820.65	6.00	5.90	5.90	5.80	5.70	5.40	5.10
4.90	4.60						
4215800.65	6.00	6.00	6.00	6.00	5.90	5.60	5.30
5.10	4.80						
4215780.65	6.30	6.30	6.30	6.30	6.10	5.80	5.60
5.30	5.00						
4215760.65	6.50	6.50	6.50	6.50	6.30	6.10	5.80
5.50	5.20						
4215740.65	6.70	6.70	6.70	6.70	6.50	6.30	6.00
5.70	5.50						
4215720.65	6.90	6.90	6.90	6.90	6.80	6.50	6.20
5.90	5.70						
4215700.65	7.10	7.10	7.00	7.00	6.90	6.60	6.30
6.00	5.80						
4215680.65	7.30	7.20	7.10	7.00	6.90	6.60	6.30
6.00	5.80						
4215660.65	7.50	7.40	7.20	7.10	6.90	6.60	6.30
6.00	5.80						
4215640.65	7.70	7.50	7.30	7.10	6.90	6.60	6.30
6.00	5.80						
4215620.65	7.90	7.70	7.40	7.10	6.90	6.60	6.30
6.00	5.80						
4215600.65	8.20	7.90	7.60	7.30	7.10	6.80	6.50
6.20	6.00						

  4215580.65 | 8.40   8.10   7.80   7.60   7.30   7.00   6.70
6.50   6.20
  4215560.65 | 8.60   8.30   8.00   7.80   7.50   7.20   7.00
6.70   6.40
  4215540.65 | 8.80   8.50   8.30   8.00   7.70   7.40   7.20
6.90   6.60
  4215520.65 | 9.00   8.70   8.50   8.20   7.90   7.70   7.40
7.10   6.80
  4215500.65 | 9.00   8.80   8.60   8.40   8.20   7.90   7.60
7.30   7.10
  4215480.65 | 567.00   8.80   8.70   8.60   8.40   8.10   7.80
7.60   7.30
  4215460.65 | 567.00   8.90   8.80   8.80   8.60   8.30   8.00
7.80   7.50
  4215440.65 | 567.00   567.00   9.00   8.90   8.80   8.50   8.30
8.00   7.70
  4215420.65 | 567.00   567.00   9.10   9.00   8.90   8.70   8.40
8.20   7.90
  4215400.65 | 567.00   567.00   567.00   9.10   8.90   8.70   8.60
8.40   8.20
  4215380.65 | 567.00   567.00   567.00   567.00   8.90   8.80   8.70
8.60   8.40
  4215360.65 | 567.00   567.00   567.00   567.00   9.00   8.90   8.90
8.80   8.60
  4215340.65 | 567.00   567.00   567.00   567.00   567.00   9.00   9.00
9.00   8.80
  4215320.65 | 567.00   567.00   567.00   567.00   567.00   9.10   9.10
9.00   8.80
  4215300.65 | 567.00   567.00   567.00   567.00   567.00   567.00   9.20
9.00   8.80
  4215280.65 | 567.00   567.00   567.00   567.00   567.00   567.00   9.20
9.00   8.80
  4215260.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
9.10   8.80
  4215240.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   8.90
  4215220.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   119.00

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          * HILL HEIGHT SCALES IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 539465.17   539485.17   539505.17   539525.17   539545.17   539565.17   539585.17
539605.17   539625.17
 -
- - - - - - - -

  4215200.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215180.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215160.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215140.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215120.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215100.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00
567.00   567.00
  4215080.65 | 567.00   567.00   567.00   567.00   567.00   567.00   567.00

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	3.30	3.10	2.80	2.50	2.30
4215980.65	3.50	3.20	2.90	2.70	2.40
4215960.65	3.50	3.20	2.90	2.80	2.60
4215940.65	3.50	3.20	3.00	2.80	2.70
4215920.65	3.50	3.20	3.00	2.90	2.80
4215900.65	3.50	3.20	3.00	3.00	3.00
4215880.65	3.70	3.40	3.20	3.10	3.10
4215860.65	3.90	3.60	3.40	3.30	3.20
4215840.65	4.10	3.80	3.60	3.40	3.20
4215820.65	4.30	4.00	3.80	3.50	3.30
4215800.65	4.50	4.30	4.00	3.70	3.40
4215780.65	4.70	4.50	4.20	3.90	3.70
4215760.65	5.00	4.70	4.40	4.10	3.90
4215740.65	5.20	4.90	4.60	4.40	4.10
4215720.65	5.40	5.10	4.90	4.60	4.30
4215700.65	5.50	5.20	4.90	4.70	4.50
4215680.65	5.50	5.20	5.00	4.80	4.60
4215660.65	5.50	5.20	5.00	4.90	4.70
4215640.65	5.50	5.20	5.00	4.90	4.90
4215620.65	5.50	5.20	5.00	5.00	5.00
4215600.65	5.70	5.40	5.20	5.20	5.20
4215580.65	5.90	5.60	5.40	5.40	5.40
4215560.65	6.10	5.90	5.60	5.60	5.60
4215540.65	6.40	6.10	5.90	5.90	5.90
4215520.65	6.60	6.30	6.10	6.10	6.00
4215500.65	6.80	6.50	6.30	6.20	6.10
4215480.65	7.00	6.70	6.50	6.30	6.20
4215460.65	7.20	7.00	6.70	6.50	6.30
4215440.65	7.40	7.20	6.90	6.60	6.40
4215420.65	7.70	7.40	7.10	6.80	6.60
4215400.65	7.90	7.60	7.30	7.10	6.80
4215380.65	8.10	7.80	7.60	7.30	7.00
4215360.65	8.30	8.00	7.80	7.50	7.20
4215340.65	8.50	8.20	8.00	7.70	7.40
4215320.65	8.50	8.20	8.00	7.70	7.40
4215300.65	8.50	8.20	8.00	7.70	7.40
4215280.65	8.50	8.20	8.00	7.70	7.40
4215260.65	8.50	8.20	8.00	7.70	7.40
4215240.65	8.60	8.30	8.10	7.80	7.50
4215220.65	119.00	8.60	8.30	8.00	7.70

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* HILL HEIGHT SCALES IN METERS *

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	119.00	119.00	119.00	119.00	8.00
4215180.65	119.00	119.00	119.00	119.00	119.00
4215160.65	567.00	119.00	119.00	119.00	119.00
4215140.65	567.00	119.00	119.00	119.00	119.00
4215120.65	567.00	567.00	119.00	119.00	119.00
4215100.65	567.00	567.00	548.00	119.00	119.00
4215080.65	567.00	567.00	567.00	119.00	119.00
4215060.65	567.00	567.00	567.00	548.00	119.00
4215040.65	567.00	567.00	567.00	567.00	119.00
4215020.65	567.00	567.00	567.00	567.00	548.00

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215800.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215780.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215760.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215740.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215720.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50
4215700.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215680.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215660.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215640.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215620.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215600.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215580.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215560.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215540.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215520.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215500.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215480.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215460.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215440.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215420.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215400.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215380.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215360.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215340.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215320.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215300.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215280.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215260.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215240.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215220.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 538745.17 538765.17 538785.17 538805.17 538825.17 538845.17 538865.17
538885.17 538905.17
- -
- - - - - - - -

  4215200.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215180.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215160.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215140.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215120.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215100.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215080.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215060.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215040.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215020.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        * RECEPTOR FLAGPOLE HEIGHTS IN METERS *

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
 -
- - - - - - - -

  4216000.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215980.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215960.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215940.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215920.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215900.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215880.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215860.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215840.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215820.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215800.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215780.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215760.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215740.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215720.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50
1.50   1.50
  4215700.65 | 1.50   1.50   1.50   1.50   1.50   1.50   1.50

1.50 1.50

Y-COORD (METERS)									
4215680.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215660.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215640.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215620.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215600.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215580.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215560.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215540.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215520.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215500.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215480.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215460.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215440.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215420.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215400.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215380.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215360.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215340.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215320.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215300.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215280.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215260.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215240.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215220.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215800.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215780.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215760.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215740.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215720.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215700.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215680.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50
4215660.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215640.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215620.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215600.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215580.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215560.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215540.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215520.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215500.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215480.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215460.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215440.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215420.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215400.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215380.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215360.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215340.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215320.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215300.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215280.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215260.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215240.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215220.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215180.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)								
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215800.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215780.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215760.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215740.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215720.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215700.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215680.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215660.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50
4215640.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215620.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215600.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215580.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215560.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215540.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215520.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215500.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215480.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215460.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215440.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215420.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215400.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215380.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215360.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215340.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215320.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215300.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215280.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215260.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215240.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215220.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD | X-COORD (METERS)
(METERS) | 539285.17 539305.17 539325.17 539345.17 539365.17 539385.17 539405.17
539425.17 539445.17
- -
- - - - - - - -

4215200.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215180.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215160.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215800.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215780.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215760.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215740.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215720.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215700.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215680.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215660.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215640.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

1.50 1.50
4215620.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215600.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215580.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215560.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215540.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215520.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215500.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215480.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215460.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215440.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215420.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215400.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215380.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215360.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215340.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215320.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215300.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215280.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215260.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215240.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50
4215220.65 | 1.50 1.50 1.50 1.50 1.50 1.50 1.50
1.50 1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215180.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215160.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
4215140.65	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	1.50	1.50	1.50	1.50	1.50
4215980.65	1.50	1.50	1.50	1.50	1.50
4215960.65	1.50	1.50	1.50	1.50	1.50
4215940.65	1.50	1.50	1.50	1.50	1.50
4215920.65	1.50	1.50	1.50	1.50	1.50
4215900.65	1.50	1.50	1.50	1.50	1.50
4215880.65	1.50	1.50	1.50	1.50	1.50
4215860.65	1.50	1.50	1.50	1.50	1.50
4215840.65	1.50	1.50	1.50	1.50	1.50
4215820.65	1.50	1.50	1.50	1.50	1.50
4215800.65	1.50	1.50	1.50	1.50	1.50
4215780.65	1.50	1.50	1.50	1.50	1.50
4215760.65	1.50	1.50	1.50	1.50	1.50
4215740.65	1.50	1.50	1.50	1.50	1.50
4215720.65	1.50	1.50	1.50	1.50	1.50
4215700.65	1.50	1.50	1.50	1.50	1.50
4215680.65	1.50	1.50	1.50	1.50	1.50
4215660.65	1.50	1.50	1.50	1.50	1.50
4215640.65	1.50	1.50	1.50	1.50	1.50
4215620.65	1.50	1.50	1.50	1.50	1.50
4215600.65	1.50	1.50	1.50	1.50	1.50
4215580.65	1.50	1.50	1.50	1.50	1.50
4215560.65	1.50	1.50	1.50	1.50	1.50
4215540.65	1.50	1.50	1.50	1.50	1.50
4215520.65	1.50	1.50	1.50	1.50	1.50
4215500.65	1.50	1.50	1.50	1.50	1.50
4215480.65	1.50	1.50	1.50	1.50	1.50
4215460.65	1.50	1.50	1.50	1.50	1.50
4215440.65	1.50	1.50	1.50	1.50	1.50
4215420.65	1.50	1.50	1.50	1.50	1.50
4215400.65	1.50	1.50	1.50	1.50	1.50
4215380.65	1.50	1.50	1.50	1.50	1.50
4215360.65	1.50	1.50	1.50	1.50	1.50
4215340.65	1.50	1.50	1.50	1.50	1.50
4215320.65	1.50	1.50	1.50	1.50	1.50
4215300.65	1.50	1.50	1.50	1.50	1.50
4215280.65	1.50	1.50	1.50	1.50	1.50
4215260.65	1.50	1.50	1.50	1.50	1.50
4215240.65	1.50	1.50	1.50	1.50	1.50
4215220.65	1.50	1.50	1.50	1.50	1.50

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	1.50	1.50	1.50	1.50	1.50
4215180.65	1.50	1.50	1.50	1.50	1.50
4215160.65	1.50	1.50	1.50	1.50	1.50
4215140.65	1.50	1.50	1.50	1.50	1.50
4215120.65	1.50	1.50	1.50	1.50	1.50
4215100.65	1.50	1.50	1.50	1.50	1.50
4215080.65	1.50	1.50	1.50	1.50	1.50
4215060.65	1.50	1.50	1.50	1.50	1.50
4215040.65	1.50	1.50	1.50	1.50	1.50
4215020.65	1.50	1.50	1.50	1.50	1.50

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539341.8, 4215428.7, 10.0, 567.0, 1.5); (539351.8, 4215428.7, 10.0, 567.0, 1.5);
(539361.8, 4215428.7, 10.0, 567.0, 1.5); (539371.8, 4215428.7, 10.0, 567.0, 1.5);
(539381.8, 4215428.7, 10.0, 567.0, 1.5); (539341.8, 4215438.7, 10.0, 567.0, 1.5);
(539351.8, 4215438.7, 10.0, 567.0, 1.5); (539361.8, 4215438.7, 10.0, 567.0, 1.5);
(539371.8, 4215438.7, 10.0, 567.0, 1.5); (539381.8, 4215438.7, 10.0, 567.0, 1.5);
(539341.8, 4215448.7, 9.9, 567.0, 1.5); (539351.8, 4215448.7, 9.9, 567.0, 1.5);
(539361.8, 4215448.7, 9.9, 567.0, 1.5); (539371.8, 4215448.7, 9.9, 567.0, 1.5);
(539381.8, 4215448.7, 9.9, 567.0, 1.5); (539341.8, 4215458.7, 9.9, 567.0, 1.5);
(539351.8, 4215458.7, 9.9, 567.0, 1.5); (539361.8, 4215458.7, 9.8, 567.0, 1.5);
(539371.8, 4215458.7, 9.8, 567.0, 1.5); (539381.8, 4215458.7, 9.8, 567.0, 1.5);
(539341.8, 4215468.7, 9.9, 567.0, 1.5); (539351.8, 4215468.7, 9.8, 567.0, 1.5);
(539361.8, 4215468.7, 9.8, 567.0, 1.5); (539371.8, 4215468.7, 9.7, 567.0, 1.5);
(539381.8, 4215468.7, 9.7, 567.0, 1.5); (539113.9, 4215517.5, 11.9, 567.0, 1.5);
(539096.5, 4215516.0, 12.1, 567.0, 1.5); (539108.3, 4215501.2, 12.1, 567.0, 1.5);
(539096.0, 4215500.7, 12.3, 567.0, 1.5); (539108.3, 4215486.4, 12.3, 567.0, 1.5);

(539094.5, 4215485.4, 12.4, 567.0, 1.5); (539135.3, 4215461.4, 12.2, 567.0, 1.5);
(539150.1, 4215439.9, 12.2, 567.0, 1.5); (539114.4, 4215452.7, 12.6, 567.0, 1.5);
(539123.1, 4215439.4, 12.6, 567.0, 1.5); (539159.3, 4215421.0, 12.3, 567.0, 1.5);
(539145.0, 4215416.4, 12.5, 567.0, 1.5); (539134.3, 4215410.8, 12.7, 567.0, 1.5);
(539131.8, 4215425.1, 12.6, 567.0, 1.5); (539206.8, 4215383.8, 12.0, 567.0, 1.5);
(539216.0, 4215372.5, 12.0, 567.0, 1.5); (539188.9, 4215382.2, 12.3, 567.0, 1.5);
(539176.2, 4215379.7, 12.5, 567.0, 1.5); (539165.4, 4215376.1, 12.7, 567.0, 1.5);
(539248.8, 4215356.7, 11.8, 567.0, 1.5); (539243.5, 4215348.5, 11.9, 567.0, 1.5);
(539265.6, 4215345.2, 11.7, 567.0, 1.5); (539260.8, 4215338.0, 11.8, 567.0, 1.5);
(539256.2, 4215351.4, 11.7, 567.0, 1.5); (539272.8, 4215331.9, 11.6, 567.0, 1.5);
(539264.8, 4215325.0, 11.8, 567.0, 1.5); (539280.8, 4215321.8, 11.6, 567.0, 1.5);
(539280.0, 4215307.1, 11.7, 567.0, 1.5); (539288.0, 4215313.8, 11.6, 567.0, 1.5);
(539297.8, 4215304.7, 11.6, 567.0, 1.5); (539289.6, 4215296.2, 11.7, 567.0, 1.5);
(539311.2, 4215287.7, 11.6, 567.0, 1.5); (539303.7, 4215281.3, 11.7, 567.0, 1.5);
(539303.7, 4215296.2, 11.6, 567.0, 1.5); (539314.2, 4215271.8, 11.8, 567.0, 1.5);
(539329.1, 4215260.5, 11.7, 567.0, 1.5); (539339.7, 4215237.2, 11.8, 567.0, 1.5);
(539357.4, 4215232.9, 11.6, 567.0, 1.5); (539394.1, 4215199.7, 11.5, 567.0, 1.5);
(539045.0, 4215579.2, 11.4, 567.0, 1.5); (539034.4, 4215591.9, 11.3, 567.0, 1.5);
(539054.9, 4215556.6, 11.7, 567.0, 1.5); (539058.4, 4215538.9, 11.8, 567.0, 1.5);
(539054.9, 4215520.5, 12.0, 567.0, 1.5); (539082.4, 4215477.4, 12.5, 567.0, 1.5);
(539074.0, 4215466.1, 12.6, 567.0, 1.5); (539098.7, 4215440.7, 12.9, 567.0, 1.5);
(539109.3, 4215426.6, 12.9, 567.0, 1.5); (539117.1, 4215416.0, 12.9, 567.0, 1.5);
(539125.6, 4215401.1, 13.0, 567.0, 1.5); (539158.8, 4215367.2, 12.9, 567.0, 1.5);
(539150.3, 4215357.3, 13.1, 567.0, 1.5); (539184.2, 4215339.6, 12.8, 567.0, 1.5);
(539222.4, 4215324.8, 12.4, 567.0, 1.5); (539243.6, 4215317.7, 12.0, 567.0, 1.5);
(539371.5, 4215194.0, 11.9, 567.0, 1.5); (539364.4, 4215191.9, 12.0, 567.0, 1.5);
(539344.6, 4215200.4, 12.2, 567.0, 1.5); (539409.7, 4215113.5, 12.2, 567.0, 1.5);
(539355.9, 4215136.8, 12.6, 567.0, 1.5); (539262.7, 4215288.8, 11.9, 567.0, 1.5);
(539282.4, 4215261.2, 11.9, 567.0, 1.5); (539299.4, 4215235.0, 12.1, 567.0, 1.5);
(539168.9, 4215647.8, 9.7, 567.0, 1.5); (538947.7, 4216163.6, 7.0, 567.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(539352.1, 4215798.2, 7.1, 7.1, 1.5); (539367.6, 4215566.8, 8.9, 567.0, 1.5);
(539278.3, 4215504.6, 10.1, 567.0, 1.5); (539297.5, 4215494.1, 10.1, 567.0, 1.5);
(539323.7, 4215486.1, 9.9, 567.0, 1.5); (539342.6, 4215482.8, 9.8, 567.0, 1.5);
(539367.2, 4215481.2, 9.6, 567.0, 1.5); (539397.8, 4215487.9, 9.4, 567.0, 1.5);
(539352.7, 4215556.4, 9.2, 567.0, 1.5); (539337.8, 4215546.0, 9.5, 567.0, 1.5);
(539322.9, 4215535.7, 9.8, 567.0, 1.5); (539308.1, 4215525.3, 10.0, 567.0, 1.5);
(539293.2, 4215515.0, 10.0, 567.0, 1.5); (539287.9, 4215499.4, 10.1, 567.0, 1.5);
(539310.6, 4215490.1, 10.0, 567.0, 1.5); (539354.9, 4215482.0, 9.7, 567.0, 1.5);
(539382.5, 4215484.6, 9.5, 567.0, 1.5); (539391.7, 4215503.7, 9.2, 567.0, 1.5);
(539385.7, 4215519.5, 9.1, 567.0, 1.5); (539379.7, 4215535.2, 9.0, 567.0, 1.5);
(539373.7, 4215551.0, 8.9, 567.0, 1.5);

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
SPIL1	539345.2	4215520.6	-11.49
SPIL1	539365.2	4215520.6	-8.68
SPIL1	539345.2	4215540.6	-3.19
SPIL1	539365.2	4215540.6	-1.54
REFILLING	539345.2	4215520.6	-11.58
REFILLING	539365.2	4215520.6	-8.65
REFILLING	539345.2	4215540.6	-3.17
REFILLING	539365.2	4215540.6	-1.46
HOSE	539345.2	4215520.6	-11.57
HOSE	539365.2	4215520.6	-8.64
HOSE	539345.2	4215540.6	-3.16
HOSE	539365.2	4215540.6	-1.46
L0000445	539205.2	4216000.6	-1.99
L0000445	539225.2	4216000.6	-5.44
L0000446	539225.2	4215980.6	-7.55
L0000446	539245.2	4215980.6	-8.99
L0000446	539225.2	4216000.6	-18.40
L0000446	539245.2	4216000.6	-21.52
L0000446	539265.2	4216000.6	-1.55
L0000447	539245.2	4215960.6	-13.11
L0000447	539265.2	4215960.6	-11.51
L0000447	539225.2	4215980.6	-0.89
L0000447	539245.2	4215980.6	-19.81
L0000447	539265.2	4215980.6	-17.34
L0000447	539245.2	4216000.6	-3.12
L0000447	539265.2	4216000.6	-2.09
L0000448	539265.2	4215920.6	0.37
L0000448	539245.2	4215940.6	-2.55

L0000448	539265.2	4215940.6	-18.67
L0000448	539285.2	4215940.6	-12.57
L0000448	539245.2	4215960.6	-2.43
L0000448	539265.2	4215960.6	-18.38
L0000448	539285.2	4215960.6	-12.38
L0000448	539265.2	4215980.6	0.69
L0000449	539285.2	4215900.6	-4.72
L0000449	539305.2	4215900.6	0.55
L0000449	539265.2	4215920.6	-6.78
L0000449	539285.2	4215920.6	-24.22
L0000449	539305.2	4215920.6	-11.89
L0000449	539265.2	4215940.6	-2.91

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000449	539285.2	4215940.6	-14.89
L0000449	539305.2	4215940.6	-7.14
L0000450	539285.2	4215880.6	-1.86
L0000450	539305.2	4215880.6	-9.69
L0000450	539325.2	4215880.6	-1.12
L0000450	539285.2	4215900.6	-10.52
L0000450	539305.2	4215900.6	-29.38
L0000450	539325.2	4215900.6	-9.46
L0000450	539285.2	4215920.6	-2.29
L0000450	539305.2	4215920.6	-10.29
L0000450	539325.2	4215920.6	-1.54
L0000451	539305.2	4215860.6	-7.79
L0000451	539325.2	4215860.6	-14.18
L0000451	539345.2	4215860.6	-1.59
L0000451	539305.2	4215880.6	-13.25
L0000451	539325.2	4215880.6	-23.88
L0000451	539345.2	4215880.6	-5.61
L0000451	539305.2	4215900.6	-0.53
L0000451	539325.2	4215900.6	-5.00
L0000452	539325.2	4215840.6	-13.64
L0000452	539345.2	4215840.6	-17.33
L0000452	539365.2	4215840.6	-0.78
L0000452	539325.2	4215860.6	-14.05
L0000452	539345.2	4215860.6	-17.86
L0000452	539365.2	4215860.6	-1.01
L0000452	539345.2	4215880.6	0.57
L0000453	539345.2	4215800.6	-3.00
L0000453	539365.2	4215800.6	-2.48
L0000453	539325.2	4215820.6	-0.23
L0000453	539345.2	4215820.6	-19.28
L0000453	539365.2	4215820.6	-18.02
L0000453	539345.2	4215840.6	-12.64
L0000453	539365.2	4215840.6	-11.84
L0000453	539352.1	4215798.2	-2.11
L0000454	539365.2	4215780.6	-8.80
L0000454	539385.2	4215780.6	-5.22
L0000454	539345.2	4215800.6	-4.10
L0000454	539365.2	4215800.6	-24.09
L0000454	539385.2	4215800.6	-15.88
L0000454	539365.2	4215820.6	-9.49

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000454	539385.2	4215820.6	-5.81
L0000454	539352.1	4215798.2	-10.85
L0000455	539365.2	4215760.6	-2.75
L0000455	539385.2	4215760.6	-14.42
L0000455	539405.2	4215760.6	-6.70
L0000455	539365.2	4215780.6	-7.03
L0000455	539385.2	4215780.6	-24.73
L0000455	539405.2	4215780.6	-11.88
L0000455	539385.2	4215800.6	-5.24
L0000455	539405.2	4215800.6	0.22
L0000456	539405.2	4215720.6	0.41
L0000456	539385.2	4215740.6	-8.25
L0000456	539405.2	4215740.6	-19.57
L0000456	539425.2	4215740.6	-6.65
L0000456	539385.2	4215760.6	-8.61
L0000456	539405.2	4215760.6	-20.34
L0000456	539425.2	4215760.6	-6.99
L0000456	539405.2	4215780.6	-0.36
L0000457	539405.2	4215700.6	-0.13
L0000457	539425.2	4215700.6	-4.23
L0000457	539405.2	4215720.6	-13.39
L0000457	539425.2	4215720.6	-23.09
L0000457	539445.2	4215720.6	-5.10
L0000457	539405.2	4215740.6	-8.55
L0000457	539425.2	4215740.6	-14.77
L0000457	539445.2	4215740.6	-1.65
L0000458	539425.2	4215680.6	-6.16
L0000458	539445.2	4215680.6	-8.18
L0000458	539425.2	4215700.6	-17.68
L0000458	539445.2	4215700.6	-22.29
L0000458	539465.2	4215700.6	-2.30
L0000458	539425.2	4215720.6	-6.86
L0000458	539445.2	4215720.6	-8.95
L0000459	539445.2	4215660.6	-12.17
L0000459	539465.2	4215660.6	-10.99
L0000459	539425.2	4215680.6	-0.72
L0000459	539445.2	4215680.6	-19.97
L0000459	539465.2	4215680.6	-18.00
L0000459	539445.2	4215700.6	-3.85
L0000459	539465.2	4215700.6	-3.04

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)

L0000460	539465.2	4215620.6	0.95
L0000460	539445.2	4215640.6	-2.42
L0000460	539465.2	4215640.6	-18.18
L0000460	539485.2	4215640.6	-12.14
L0000460	539445.2	4215660.6	-2.74
L0000460	539465.2	4215660.6	-18.96
L0000460	539485.2	4215660.6	-12.64
L0000460	539465.2	4215680.6	0.08
L0000461	539485.2	4215600.6	-4.45
L0000461	539465.2	4215620.6	-7.21
L0000461	539485.2	4215620.6	-24.14
L0000461	539505.2	4215620.6	-11.30
L0000461	539465.2	4215640.6	-3.52
L0000461	539485.2	4215640.6	-15.29
L0000461	539505.2	4215640.6	-6.95
L0000462	539485.2	4215580.6	-2.25
L0000462	539505.2	4215580.6	-9.48
L0000462	539525.2	4215580.6	-0.47
L0000462	539485.2	4215600.6	-11.26
L0000462	539505.2	4215600.6	-28.64
L0000462	539525.2	4215600.6	-8.72
L0000462	539485.2	4215620.6	-2.93
L0000462	539505.2	4215620.6	-10.42
L0000462	539525.2	4215620.6	-1.12
L0000463	539505.2	4215560.6	-9.86
L0000463	539525.2	4215560.6	-14.16
L0000463	539545.2	4215560.6	-0.06
L0000463	539505.2	4215580.6	-15.11
L0000463	539525.2	4215580.6	-21.82
L0000463	539545.2	4215580.6	-3.31
L0000463	539505.2	4215600.6	-1.05
L0000463	539525.2	4215600.6	-3.86
L0000464	539505.2	4215540.6	-12.84
L0000464	539525.2	4215540.6	-16.68
L0000464	539545.2	4215540.6	-0.67
L0000464	539505.2	4215560.6	-14.40
L0000464	539525.2	4215560.6	-18.76
L0000464	539545.2	4215560.6	-1.55
L0000464	539525.2	4215580.6	-0.41
L0000465	539485.2	4215520.6	-14.11

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	RECEPTOR LOCATION XR (METERS)	RECEPTOR LOCATION YR (METERS)	DISTANCE (METERS)
L0000465	539505.2	4215520.6	-13.19
L0000465	539465.2	4215540.6	0.10
L0000465	539485.2	4215540.6	-18.34
L0000465	539505.2	4215540.6	-17.12
L0000465	539485.2	4215560.6	-1.38
L0000465	539505.2	4215560.6	-0.85
L0000466	539445.2	4215500.6	-0.75
L0000466	539465.2	4215500.6	-12.84
L0000466	539485.2	4215500.6	-6.90
L0000466	539445.2	4215520.6	-5.74
L0000466	539465.2	4215520.6	-24.77

L0000466	539485.2	4215520.6	-13.67
L0000466	539465.2	4215540.6	-6.32
L0000466	539485.2	4215540.6	-1.72
L0000467	539425.2	4215480.6	-2.00
L0000467	539445.2	4215480.6	-8.92
L0000467	539465.2	4215480.6	0.09
L0000467	539425.2	4215500.6	-11.48
L0000467	539445.2	4215500.6	-28.16
L0000467	539465.2	4215500.6	-8.45
L0000467	539425.2	4215520.6	-3.50
L0000467	539445.2	4215520.6	-10.95
L0000467	539465.2	4215520.6	-1.30
L0000468	539405.2	4215460.6	0.68
L0000468	539425.2	4215460.6	-0.11
L0000468	539405.2	4215480.6	-15.90
L0000468	539425.2	4215480.6	-17.71
L0000468	539445.2	4215480.6	0.06
L0000468	539405.2	4215500.6	-13.99
L0000468	539425.2	4215500.6	-15.55
L0000468	539397.8	4215487.9	-11.36
L0000468	539391.7	4215503.7	-1.42
L0000469	539365.2	4215460.6	-0.18
L0000469	539385.2	4215460.6	-11.08
L0000469	539405.2	4215460.6	-4.96
L0000469	539365.2	4215480.6	-6.68
L0000469	539385.2	4215480.6	-26.44
L0000469	539405.2	4215480.6	-13.21
L0000469	539385.2	4215500.6	-8.37
L0000469	539405.2	4215500.6	-2.85

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000469	539371.8	4215458.7	-3.55
L0000469	539381.8	4215458.7	-8.38
L0000469	539361.8	4215468.7	-1.36
L0000469	539371.8	4215468.7	-10.31
L0000469	539381.8	4215468.7	-17.53
L0000469	539367.2	4215481.2	-8.69
L0000469	539397.8	4215487.9	-17.26
L0000469	539382.5	4215484.6	-22.02
L0000469	539391.7	4215503.7	-5.35
L0000470	539345.2	4215460.6	-8.49
L0000470	539365.2	4215460.6	-11.85
L0000470	539345.2	4215480.6	-16.30
L0000470	539365.2	4215480.6	-22.62
L0000470	539385.2	4215480.6	-3.14
L0000470	539345.2	4215500.6	-3.30
L0000470	539365.2	4215500.6	-5.92
L0000470	539351.8	4215448.7	-0.41
L0000470	539361.8	4215448.7	-0.98
L0000470	539341.8	4215458.7	-4.86
L0000470	539351.8	4215458.7	-10.03
L0000470	539361.8	4215458.7	-10.88
L0000470	539371.8	4215458.7	-6.92
L0000470	539381.8	4215458.7	-0.01
L0000470	539341.8	4215468.7	-11.15

L0000470	539351.8	4215468.7	-18.94
L0000470	539361.8	4215468.7	-20.56
L0000470	539371.8	4215468.7	-14.00
L0000470	539381.8	4215468.7	-5.04
L0000470	539342.6	4215482.8	-13.18
L0000470	539367.2	4215481.2	-20.50
L0000470	539354.9	4215482.0	-24.21
L0000470	539382.5	4215484.6	-4.97
L0000471	539325.2	4215460.6	-9.39
L0000471	539345.2	4215460.6	-3.94
L0000471	539305.2	4215480.6	-6.34
L0000471	539325.2	4215480.6	-26.34
L0000471	539345.2	4215480.6	-13.64
L0000471	539305.2	4215500.6	0.80
L0000471	539325.2	4215500.6	-9.93
L0000471	539345.2	4215500.6	-4.37

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000471	539341.8	4215458.7	-4.23
L0000471	539341.8	4215468.7	-12.13
L0000471	539351.8	4215468.7	-3.92
L0000471	539323.7	4215486.1	-22.67
L0000471	539342.6	4215482.8	-16.12
L0000471	539310.6	4215490.1	-9.57
L0000471	539354.9	4215482.0	-3.89
L0000356	538947.7	4216163.6	-10.54
L0000357	538947.7	4216163.6	-5.41
L0000362	538865.2	4216000.6	-0.26
L0000362	538885.2	4216000.6	-14.67
L0000362	538905.2	4216000.6	-10.37
L0000363	538885.2	4215960.6	-0.30
L0000363	538905.2	4215960.6	-4.08
L0000363	538885.2	4215980.6	-13.78
L0000363	538905.2	4215980.6	-22.75
L0000363	538925.2	4215980.6	-4.65
L0000363	538885.2	4216000.6	-8.93
L0000363	538905.2	4216000.6	-14.72
L0000363	538925.2	4216000.6	-1.30
L0000364	538885.2	4215940.6	0.98
L0000364	538905.2	4215940.6	-11.69
L0000364	538925.2	4215940.6	-7.39
L0000364	538885.2	4215960.6	-4.26
L0000364	538905.2	4215960.6	-23.82
L0000364	538925.2	4215960.6	-15.37
L0000364	538905.2	4215980.6	-6.73
L0000364	538925.2	4215980.6	-3.22
L0000365	538905.2	4215920.6	-3.63
L0000365	538925.2	4215920.6	-16.71
L0000365	538945.2	4215920.6	-8.59
L0000365	538905.2	4215940.6	-5.97
L0000365	538925.2	4215940.6	-22.35
L0000365	538945.2	4215940.6	-11.55
L0000365	538925.2	4215960.6	-2.78
L0000366	538945.2	4215880.6	-1.51
L0000366	538925.2	4215900.6	-7.98

L0000366	538945.2	4215900.6	-21.51
L0000366	538965.2	4215900.6	-8.56
L0000366	538925.2	4215920.6	-6.64

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000366	538945.2	4215920.6	-18.47
L0000366	538965.2	4215920.6	-7.18
L0000367	538945.2	4215860.6	-0.19
L0000367	538965.2	4215860.6	-5.87
L0000367	538945.2	4215880.6	-11.88
L0000367	538965.2	4215880.6	-25.36
L0000367	538985.2	4215880.6	-7.30
L0000367	538945.2	4215900.6	-6.16
L0000367	538965.2	4215900.6	-13.83
L0000367	538985.2	4215900.6	-2.52
L0000368	538965.2	4215840.6	-5.35
L0000368	538985.2	4215840.6	-9.83
L0000368	538965.2	4215860.6	-14.97
L0000368	538985.2	4215860.6	-24.99
L0000368	539005.2	4215860.6	-5.01
L0000368	538965.2	4215880.6	-4.61
L0000368	538985.2	4215880.6	-8.93
L0000369	538985.2	4215820.6	-10.50
L0000369	539005.2	4215820.6	-13.11
L0000369	538985.2	4215840.6	-16.67
L0000369	539005.2	4215840.6	-20.91
L0000369	539025.2	4215840.6	-1.93
L0000369	538985.2	4215860.6	-2.15
L0000369	539005.2	4215860.6	-3.91
L0000370	539005.2	4215800.6	-15.61
L0000370	539025.2	4215800.6	-15.24
L0000370	539005.2	4215820.6	-16.46
L0000370	539025.2	4215820.6	-16.06
L0000370	539005.2	4215840.6	0.98
L0000371	539025.2	4215760.6	-2.93
L0000371	539045.2	4215760.6	-0.85
L0000371	539005.2	4215780.6	-2.23
L0000371	539025.2	4215780.6	-20.64
L0000371	539045.2	4215780.6	-15.70
L0000371	539005.2	4215800.6	0.44
L0000371	539025.2	4215800.6	-14.41
L0000371	539045.2	4215800.6	-11.03
L0000372	539045.2	4215740.6	-6.98
L0000372	539065.2	4215740.6	-3.27
L0000372	539025.2	4215760.6	-4.50

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000372	539045.2	4215760.6	-24.11
L0000372	539065.2	4215760.6	-15.18
L0000372	539025.2	4215780.6	0.91
L0000372	539045.2	4215780.6	-11.56
L0000372	539065.2	4215780.6	-7.09
L0000373	539065.2	4215720.6	-10.27
L0000373	539085.2	4215720.6	-5.27
L0000373	539045.2	4215740.6	-5.53
L0000373	539065.2	4215740.6	-25.47
L0000373	539085.2	4215740.6	-14.43
L0000373	539065.2	4215760.6	-8.74
L0000373	539085.2	4215760.6	-4.04
L0000374	539065.2	4215700.6	-1.51
L0000374	539085.2	4215700.6	-13.55
L0000374	539105.2	4215700.6	-6.99
L0000374	539065.2	4215720.6	-6.14
L0000374	539085.2	4215720.6	-24.71
L0000374	539105.2	4215720.6	-13.05
L0000374	539085.2	4215740.6	-5.79
L0000374	539105.2	4215740.6	-0.93
L0000375	539085.2	4215680.6	-3.97
L0000375	539105.2	4215680.6	-16.83
L0000375	539125.2	4215680.6	-8.33
L0000375	539085.2	4215700.6	-6.31
L0000375	539105.2	4215700.6	-22.43
L0000375	539125.2	4215700.6	-11.20
L0000375	539105.2	4215720.6	-2.77
L0000376	539125.2	4215640.6	-0.20
L0000376	539105.2	4215660.6	-6.23
L0000376	539125.2	4215660.6	-20.11
L0000376	539145.2	4215660.6	-9.23
L0000376	539105.2	4215680.6	-6.02
L0000376	539125.2	4215680.6	-19.60
L0000376	539145.2	4215680.6	-8.99
L0000376	539125.2	4215700.6	0.31
L0000377	539145.2	4215620.6	-3.40
L0000377	539125.2	4215640.6	-8.23
L0000377	539145.2	4215640.6	-23.37
L0000377	539165.2	4215640.6	-9.64
L0000377	539125.2	4215660.6	-5.29

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000377	539145.2	4215660.6	-16.56
L0000377	539165.2	4215660.6	-6.52
L0000377	539168.9	4215647.8	-6.98
L0000378	539145.2	4215600.6	0.69
L0000378	539165.2	4215600.6	-6.56
L0000378	539185.2	4215600.6	0.93
L0000378	539145.2	4215620.6	-9.89

L0000378	539165.2	4215620.6	-26.56
L0000378	539185.2	4215620.6	-9.51
L0000378	539145.2	4215640.6	-4.16
L0000378	539165.2	4215640.6	-13.42
L0000378	539185.2	4215640.6	-3.87
L0000378	539168.9	4215647.8	-5.97
L0000379	539165.2	4215580.6	-2.15
L0000379	539185.2	4215580.6	-9.61
L0000379	539205.2	4215580.6	-0.74
L0000379	539165.2	4215600.6	-11.00
L0000379	539185.2	4215600.6	-28.92
L0000379	539205.2	4215600.6	-8.98
L0000379	539165.2	4215620.6	-2.67
L0000379	539185.2	4215620.6	-10.33
L0000379	539205.2	4215620.6	-1.23
L0000380	539185.2	4215560.6	-4.22
L0000380	539205.2	4215560.6	-12.20
L0000380	539225.2	4215560.6	-2.27
L0000380	539185.2	4215580.6	-11.16
L0000380	539205.2	4215580.6	-27.38
L0000380	539225.2	4215580.6	-8.57
L0000380	539185.2	4215600.6	-0.92
L0000380	539205.2	4215600.6	-7.69
L0000380	539225.2	4215600.6	0.82
L0000381	539205.2	4215540.6	-6.18
L0000381	539225.2	4215540.6	-14.79
L0000381	539245.2	4215540.6	-3.63
L0000381	539205.2	4215560.6	-10.96
L0000381	539225.2	4215560.6	-24.85
L0000381	539245.2	4215560.6	-7.85
L0000381	539205.2	4215580.6	0.95
L0000381	539225.2	4215580.6	-5.06
L0000382	539225.2	4215520.6	-8.00

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000382	539245.2	4215520.6	-17.35
L0000382	539265.2	4215520.6	-4.78
L0000382	539225.2	4215540.6	-10.40
L0000382	539245.2	4215540.6	-22.25
L0000382	539265.2	4215540.6	-6.84
L0000382	539245.2	4215560.6	-2.42
L0000383	539265.2	4215480.6	-0.04
L0000383	539245.2	4215500.6	-9.63
L0000383	539265.2	4215500.6	-19.88
L0000383	539285.2	4215500.6	-5.70
L0000383	539245.2	4215520.6	-9.51
L0000383	539265.2	4215520.6	-19.63
L0000383	539285.2	4215520.6	-5.60
L0000383	539265.2	4215540.6	0.22
L0000383	539278.3	4215504.6	-13.61
L0000383	539293.2	4215515.0	0.51
L0000383	539287.9	4215499.4	-2.70
L0000384	539265.2	4215480.6	-5.20
L0000384	539285.2	4215480.6	-17.58
L0000384	539305.2	4215480.6	-7.77

L0000384	539265.2	4215500.6	-7.15
L0000384	539285.2	4215500.6	-22.17
L0000384	539305.2	4215500.6	-9.97
L0000384	539285.2	4215520.6	-2.27
L0000384	539278.3	4215504.6	-15.60
L0000384	539297.5	4215494.1	-19.10
L0000384	539293.2	4215515.0	-7.04
L0000384	539287.9	4215499.4	-23.47
L0000384	539310.6	4215490.1	-5.92
L0000225	539205.2	4216000.6	-5.18
L0000225	539225.2	4216000.6	-12.12
L0000225	539245.2	4216000.6	-1.30
L0000226	539225.2	4215980.6	-10.91
L0000226	539245.2	4215980.6	-15.93
L0000226	539265.2	4215980.6	-1.16
L0000226	539225.2	4216000.6	-14.11
L0000226	539245.2	4216000.6	-20.72
L0000226	539265.2	4216000.6	-3.17
L0000227	539245.2	4215940.6	0.00
L0000227	539265.2	4215940.6	-0.63

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000227	539245.2	4215960.6	-16.48
L0000227	539265.2	4215960.6	-17.95
L0000227	539285.2	4215960.6	0.13
L0000227	539245.2	4215980.6	-13.70
L0000227	539265.2	4215980.6	-14.90
L0000228	539265.2	4215920.6	-5.67
L0000228	539285.2	4215920.6	-3.87
L0000228	539245.2	4215940.6	-2.10
L0000228	539265.2	4215940.6	-21.68
L0000228	539285.2	4215940.6	-17.34
L0000228	539265.2	4215960.6	-11.38
L0000228	539285.2	4215960.6	-9.07
L0000229	539265.2	4215900.6	0.53
L0000229	539285.2	4215900.6	-11.25
L0000229	539305.2	4215900.6	-6.09
L0000229	539265.2	4215920.6	-5.42
L0000229	539285.2	4215920.6	-25.14
L0000229	539305.2	4215920.6	-14.39
L0000229	539285.2	4215940.6	-7.73
L0000229	539305.2	4215940.6	-3.24
L0000230	539285.2	4215880.6	-4.88
L0000230	539305.2	4215880.6	-16.60
L0000230	539325.2	4215880.6	-7.02
L0000230	539285.2	4215900.6	-7.69
L0000230	539305.2	4215900.6	-23.20
L0000230	539325.2	4215900.6	-10.12
L0000230	539305.2	4215920.6	-3.29
L0000231	539325.2	4215840.6	-1.47
L0000231	539305.2	4215860.6	-10.04
L0000231	539325.2	4215860.6	-21.32
L0000231	539345.2	4215860.6	-6.48
L0000231	539305.2	4215880.6	-8.55
L0000231	539325.2	4215880.6	-18.29

L0000231	539345.2	4215880.6	-5.21
L0000232	539325.2	4215820.6	-2.12
L0000232	539345.2	4215820.6	-5.84
L0000232	539325.2	4215840.6	-14.72
L0000232	539345.2	4215840.6	-23.71
L0000232	539365.2	4215840.6	-4.58
L0000232	539325.2	4215860.6	-7.86

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000232	539345.2	4215860.6	-12.79
L0000232	539365.2	4215860.6	0.04
L0000233	539345.2	4215800.6	-7.95
L0000233	539365.2	4215800.6	-9.48
L0000233	539345.2	4215820.6	-18.29
L0000233	539365.2	4215820.6	-21.52
L0000233	539385.2	4215820.6	-1.59
L0000233	539345.2	4215840.6	-5.75
L0000233	539365.2	4215840.6	-7.13
L0000233	539352.1	4215798.2	-8.32
L0000234	539365.2	4215780.6	-13.78
L0000234	539385.2	4215780.6	-11.93
L0000234	539345.2	4215800.6	-0.93
L0000234	539365.2	4215800.6	-19.58
L0000234	539385.2	4215800.6	-16.87
L0000234	539365.2	4215820.6	-2.53
L0000234	539385.2	4215820.6	-1.39
L0000234	539352.1	4215798.2	-8.22
L0000235	539385.2	4215740.6	-0.54
L0000235	539365.2	4215760.6	-3.25
L0000235	539385.2	4215760.6	-19.61
L0000235	539405.2	4215760.6	-12.67
L0000235	539365.2	4215780.6	-2.50
L0000235	539385.2	4215780.6	-17.82
L0000235	539405.2	4215780.6	-11.54
L0000236	539405.2	4215720.6	-5.79
L0000236	539425.2	4215720.6	0.12
L0000236	539385.2	4215740.6	-7.64
L0000236	539405.2	4215740.6	-25.42
L0000236	539425.2	4215740.6	-11.50
L0000236	539385.2	4215760.6	-2.88
L0000236	539405.2	4215760.6	-13.99
L0000236	539425.2	4215760.6	-5.97
L0000237	539405.2	4215700.6	-3.12
L0000237	539425.2	4215700.6	-10.70
L0000237	539445.2	4215700.6	-1.32
L0000237	539405.2	4215720.6	-11.23
L0000237	539425.2	4215720.6	-28.54
L0000237	539445.2	4215720.6	-8.73
L0000237	539405.2	4215740.6	-2.03

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SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000237	539425.2	4215740.6	-9.21
L0000237	539445.2	4215740.6	-0.29
L0000238	539425.2	4215680.6	-8.82
L0000238	539445.2	4215680.6	-14.93
L0000238	539465.2	4215680.6	-1.61
L0000238	539425.2	4215700.6	-13.48
L0000238	539445.2	4215700.6	-22.82
L0000238	539465.2	4215700.6	-4.89
L0000238	539425.2	4215720.6	-0.04
L0000238	539445.2	4215720.6	-3.99
L0000239	539465.2	4215640.6	0.51
L0000239	539445.2	4215660.6	-14.43
L0000239	539465.2	4215660.6	-17.76
L0000239	539485.2	4215660.6	-0.72
L0000239	539445.2	4215680.6	-13.82
L0000239	539465.2	4215680.6	-16.99
L0000239	539485.2	4215680.6	-0.39
L0000240	539465.2	4215620.6	-3.72
L0000240	539485.2	4215620.6	-3.04
L0000240	539445.2	4215640.6	-0.53
L0000240	539465.2	4215640.6	-19.78
L0000240	539485.2	4215640.6	-18.14
L0000240	539465.2	4215660.6	-12.15
L0000240	539485.2	4215660.6	-11.16
L0000241	539485.2	4215600.6	-9.36
L0000241	539505.2	4215600.6	-5.69
L0000241	539465.2	4215620.6	-4.12
L0000241	539485.2	4215620.6	-24.11
L0000241	539505.2	4215620.6	-15.87
L0000241	539485.2	4215640.6	-8.94
L0000241	539505.2	4215640.6	-5.33
L0000242	539485.2	4215580.6	-2.87
L0000242	539505.2	4215580.6	-14.84
L0000242	539525.2	4215580.6	-7.12
L0000242	539485.2	4215600.6	-6.77
L0000242	539505.2	4215600.6	-24.26
L0000242	539525.2	4215600.6	-11.92
L0000242	539505.2	4215620.6	-4.77
L0000242	539525.2	4215620.6	0.50
L0000243	539525.2	4215540.6	0.06

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000243	539505.2	4215560.6	-8.11
L0000243	539525.2	4215560.6	-19.93
L0000243	539545.2	4215560.6	-7.11

L0000243	539505.2	4215580.6	-8.16
L0000243	539525.2	4215580.6	-20.02
L0000243	539545.2	4215580.6	-7.15
L0000243	539525.2	4215600.6	-0.03
L0000244	539525.2	4215520.6	-0.53
L0000244	539505.2	4215540.6	-9.60
L0000244	539525.2	4215540.6	-20.40
L0000244	539545.2	4215540.6	-6.15
L0000244	539505.2	4215560.6	-9.03
L0000244	539525.2	4215560.6	-19.23
L0000244	539545.2	4215560.6	-5.66
L0000244	539525.2	4215580.6	0.66
L0000245	539485.2	4215520.6	-11.13
L0000245	539505.2	4215520.6	-13.43
L0000245	539485.2	4215540.6	-16.76
L0000245	539505.2	4215540.6	-20.33
L0000245	539525.2	4215540.6	-1.50
L0000245	539485.2	4215560.6	-1.81
L0000245	539505.2	4215560.6	-3.30
L0000246	539465.2	4215500.6	-10.20
L0000246	539485.2	4215500.6	-7.02
L0000246	539445.2	4215520.6	-3.36
L0000246	539465.2	4215520.6	-23.26
L0000246	539485.2	4215520.6	-16.52
L0000246	539465.2	4215540.6	-7.65
L0000246	539485.2	4215540.6	-4.79
L0000247	539425.2	4215480.6	0.92
L0000247	539445.2	4215480.6	-7.74
L0000247	539465.2	4215480.6	-1.11
L0000247	539425.2	4215500.6	-8.37
L0000247	539445.2	4215500.6	-27.32
L0000247	539465.2	4215500.6	-11.38
L0000247	539425.2	4215520.6	-2.07
L0000247	539445.2	4215520.6	-12.13
L0000247	539465.2	4215520.6	-4.33
L0000248	539425.2	4215460.6	-0.50
L0000248	539405.2	4215480.6	-12.63

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	RECEPTOR LOCATION XR (METERS)	RECEPTOR LOCATION YR (METERS)	DISTANCE (METERS)
L0000248	539425.2	4215480.6	-19.58
L0000248	539445.2	4215480.6	-3.24
L0000248	539405.2	4215500.6	-11.55
L0000248	539425.2	4215500.6	-17.87
L0000248	539445.2	4215500.6	-2.53
L0000248	539397.8	4215487.9	-7.70
L0000249	539385.2	4215460.6	-9.57
L0000249	539405.2	4215460.6	-6.32
L0000249	539365.2	4215480.6	-3.57
L0000249	539385.2	4215480.6	-23.54
L0000249	539405.2	4215480.6	-16.40
L0000249	539385.2	4215500.6	-8.40
L0000249	539405.2	4215500.6	-5.30
L0000249	539371.8	4215458.7	-0.92
L0000249	539381.8	4215458.7	-6.54
L0000249	539371.8	4215468.7	-7.22

L0000249	539381.8	4215468.7	-15.04
L0000249	539367.2	4215481.2	-5.61
L0000249	539397.8	4215487.9	-19.96
L0000249	539382.5	4215484.6	-19.83
L0000249	539391.7	4215503.7	-6.33
L0000250	539345.2	4215460.6	-5.66
L0000250	539365.2	4215460.6	-11.95
L0000250	539385.2	4215460.6	-0.68
L0000250	539345.2	4215480.6	-13.18
L0000250	539365.2	4215480.6	-25.96
L0000250	539385.2	4215480.6	-6.55
L0000250	539345.2	4215500.6	-2.18
L0000250	539365.2	4215500.6	-7.47
L0000250	539361.8	4215448.7	-0.31
L0000250	539341.8	4215458.7	-1.94
L0000250	539351.8	4215458.7	-7.92
L0000250	539361.8	4215458.7	-10.31
L0000250	539371.8	4215458.7	-7.91
L0000250	539381.8	4215458.7	-1.93
L0000250	539341.8	4215468.7	-7.78
L0000250	539351.8	4215468.7	-16.08
L0000250	539361.8	4215468.7	-20.31
L0000250	539371.8	4215468.7	-16.07
L0000250	539381.8	4215468.7	-7.77

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000250	539342.6	4215482.8	-10.20
L0000250	539367.2	4215481.2	-23.89
L0000250	539354.9	4215482.0	-22.14
L0000250	539382.5	4215484.6	-8.41
L0000251	539325.2	4215460.6	-9.05
L0000251	539345.2	4215460.6	-6.30
L0000251	539305.2	4215480.6	-3.06
L0000251	539325.2	4215480.6	-23.05
L0000251	539345.2	4215480.6	-16.93
L0000251	539325.2	4215500.6	-8.60
L0000251	539345.2	4215500.6	-5.90
L0000251	539341.8	4215458.7	-6.20
L0000251	539351.8	4215458.7	-0.65
L0000251	539341.8	4215468.7	-14.77
L0000251	539351.8	4215468.7	-7.05
L0000251	539323.7	4215486.1	-19.80
L0000251	539342.6	4215482.8	-19.27
L0000251	539310.6	4215490.1	-6.38
L0000251	539354.9	4215482.0	-7.15
L0000252	539305.2	4215460.6	-2.74
L0000252	539285.2	4215480.6	-10.74
L0000252	539305.2	4215480.6	-22.51
L0000252	539325.2	4215480.6	-6.73
L0000252	539285.2	4215500.6	-8.00
L0000252	539305.2	4215500.6	-16.99
L0000252	539325.2	4215500.6	-4.41
L0000252	539278.3	4215504.6	-0.05
L0000252	539297.5	4215494.1	-21.62
L0000252	539323.7	4215486.1	-9.30

L0000252	539293.2	4215515.0	-1.08
L0000252	539287.9	4215499.4	-10.94
L0000252	539310.6	4215490.1	-22.11
L0000472	539325.2	4215580.6	-3.97
L0000472	539305.2	4215600.6	-11.34
L0000472	539325.2	4215600.6	-23.63
L0000472	539345.2	4215600.6	-6.91
L0000472	539305.2	4215620.6	-7.39
L0000472	539325.2	4215620.6	-15.73
L0000472	539345.2	4215620.6	-3.61
L0000473	539305.2	4215560.6	0.27

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS)	YR (METERS)	DISTANCE (METERS)
L0000473	539285.2	4215580.6	-14.23
L0000473	539305.2	4215580.6	-18.10
L0000473	539325.2	4215580.6	-1.11
L0000473	539285.2	4215600.6	-13.45
L0000473	539305.2	4215600.6	-17.08
L0000473	539325.2	4215600.6	-0.67
L0000474	539245.2	4215560.6	0.49
L0000474	539265.2	4215560.6	-15.07
L0000474	539285.2	4215560.6	-12.21
L0000474	539245.2	4215580.6	-1.41
L0000474	539265.2	4215580.6	-19.48
L0000474	539285.2	4215580.6	-15.71
L0000474	539265.2	4215600.6	-1.74
L0000474	539285.2	4215600.6	-0.13
L0000475	539225.2	4215540.6	-2.07
L0000475	539245.2	4215540.6	-13.98
L0000475	539265.2	4215540.6	-6.90
L0000475	539225.2	4215560.6	-6.52
L0000475	539245.2	4215560.6	-24.72
L0000475	539265.2	4215560.6	-12.54
L0000475	539245.2	4215580.6	-5.52
L0000475	539265.2	4215580.6	-0.40
L0000476	539245.2	4215520.6	-7.44
L0000476	539265.2	4215520.6	-16.23
L0000476	539285.2	4215520.6	-4.11
L0000476	539245.2	4215540.6	-10.91
L0000476	539265.2	4215540.6	-23.29
L0000476	539285.2	4215540.6	-7.06
L0000476	539265.2	4215560.6	-3.53
L0000477	539265.2	4215500.6	-4.47
L0000477	539285.2	4215500.6	-15.40
L0000477	539305.2	4215500.6	-6.02
L0000477	539265.2	4215520.6	-8.34
L0000477	539285.2	4215520.6	-24.47
L0000477	539305.2	4215520.6	-10.19
L0000477	539285.2	4215540.6	-4.54
L0000477	539278.3	4215504.6	-16.81
L0000477	539297.5	4215494.1	-6.01
L0000477	539308.1	4215525.3	-5.84
L0000477	539293.2	4215515.0	-22.96

                    * SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
                      LESS THAN 1.0 METER; WITHIN OPENPIT; OR BEYOND 80KM FOR FASTAREA/FASTALL

                           SOURCE   - - RECEPTOR LOCATION - -   DISTANCE
                             ID   XR (METERS)   YR (METERS)   (METERS)
                         -

                          L0000477   539287.9   4215499.4   -14.06

                                      *** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
                                                (1=YES; 0=NO)

          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1 1
          1 1 1 1 1 1 1 1 1 1   1 1 1 1 1

              NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

                                  *** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
                                                (METERS/SEC)

                                                1.54,   3.09,   5.14,   8.23, 10.80,

                                    *** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

   Surface file: NOVATO - OPERATIONAL JULY 2025.SFC   Met Version:
18081
   Profile file: NOVATO - OPERATIONAL JULY 2025.PFL
   Surface format: FREE

   Profile format: FREE

   Surface station no.:   72040   Upper air station no.:   23230
                 Name: UNKNOWN   Name: OAKLAND/WSO_AP

Year: 2013 Year: 2013

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	275.1	2.0
13	01	01	1	02	-5.0	0.090	-9.000	-9.000	-999.	65.	13.4	0.03	1.38	1.00	1.50	178.	10.0	276.1	2.0
13	01	01	1	03	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	276.1	2.0
13	01	01	1	04	-8.1	0.111	-9.000	-9.000	-999.	89.	15.6	0.01	1.38	1.00	2.10	23.	10.0	276.1	2.0
13	01	01	1	05	-11.1	0.137	-9.000	-9.000	-999.	122.	21.3	0.04	1.38	1.00	2.10	93.	10.0	276.1	2.0
13	01	01	1	06	-15.6	0.162	-9.000	-9.000	-999.	156.	28.8	0.03	1.38	1.00	2.60	192.	10.0	276.1	2.0
13	01	01	1	07	-12.7	0.140	-9.000	-9.000	-999.	126.	21.7	0.01	1.38	1.00	2.60	345.	10.0	274.1	2.0
13	01	01	1	08	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	273.1	2.0
13	01	01	1	09	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	0.40	0.00	0.	10.0	275.1	2.0
13	01	01	1	10	47.4	-9.000	-9.000	-9.000	123.	-999.	-99999.0	0.02	1.38	0.27	0.00	0.	10.0	279.1	2.0
13	01	01	1	11	90.7	0.161	0.901	0.005	295.	155.	-4.2	0.01	1.38	0.22	2.10	74.	10.0	281.1	2.0
13	01	01	1	12	115.7	0.364	1.360	0.008	796.	527.	-38.1	0.01	1.38	0.21	5.70	46.	10.0	283.1	2.0
13	01	01	1	13	120.9	0.398	1.443	0.008	908.	602.	-47.6	0.04	1.38	0.20	5.10	93.	10.0	285.1	2.0
13	01	01	1	14	105.4	0.230	1.394	0.007	940.	286.	-10.6	0.04	1.38	0.21	2.60	129.	10.0	285.1	2.0
13	01	01	1	15	71.0	0.323	1.231	0.006	961.	441.	-43.5	0.01	1.38	0.24	5.10	72.	10.0	286.1	2.0
13	01	01	1	16	20.1	0.172	0.811	0.006	967.	188.	-23.2	0.04	1.38	0.33	2.10	114.	10.0	286.1	2.0
13	01	01	1	17	-9.2	0.130	-9.000	-9.000	-999.	112.	21.6	0.03	1.38	0.56	2.10	231.	10.0	282.1	2.0
13	01	01	1	18	-15.5	0.162	-9.000	-9.000	-999.	156.	28.9	0.03	1.38	1.00	2.60	247.	10.0	281.1	2.0
13	01	01	1	19	-10.0	0.129	-9.000	-9.000	-999.	111.	19.4	0.03	1.38	1.00	2.10	214.	10.0	279.1	2.0
13	01	01	1	20	-20.2	0.195	-9.000	-9.000	-999.	207.	41.9	0.03	1.38	1.00	3.10	187.	10.0	277.1	2.0
13	01	01	1	21	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	276.1	2.0
13	01	01	1	22	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	276.1	2.0
13	01	01	1	23	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	275.1	2.0
13	01	01	1	24	-999.0	-9.000	-9.000	-9.000	-999.	-999.	-99999.0	0.02	1.38	1.00	0.00	0.	10.0	273.1	2.0

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
13	01	01	01	10.0	1	-999.	-99.00	275.2	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	1.28489	1.34848	1.41533	1.48584	1.55899	1.63522	1.71422	1.79579	1.87900
4215980.65	1.30457	1.37120	1.44212	1.51693	1.59530	1.67757	1.76354	1.85348	1.94621
4215960.65	1.32287	1.39278	1.46739	1.54658	1.63011	1.71846	1.81150	1.90970	2.01202
4215940.65	1.34033	1.41307	1.49114	1.57451	1.66303	1.75733	1.85744	1.96365	2.07614
4215920.65	1.35689	1.43220	1.51344	1.60071	1.69395	1.79400	1.90105	2.01559	2.13804
4215900.65	1.37274	1.45034	1.53416	1.62529	1.72291	1.82838	1.94209	2.06477	2.19714
4215880.65	1.38805	1.46741	1.55407	1.64842	1.75003	1.86051	1.98091	2.11141	2.25298
4215860.65	1.40296	1.48415	1.57311	1.67034	1.77592	1.89096	2.01716	2.15549	2.30632
4215840.65	1.41721	1.50040	1.59144	1.69088	1.80005	1.92004	2.05152	2.19662	2.35552
4215820.65	1.43138	1.51618	1.60915	1.71093	1.82344	1.94713	2.08381	2.23447	2.40118
4215800.65	1.44508	1.53142	1.62621	1.73017	1.84535	1.97283	2.11375	2.27039	2.44353
4215780.65	1.45814	1.54596	1.64210	1.74850	1.86570	1.99569	2.14031	2.30166	2.48079
4215760.65	1.47030	1.55920	1.65738	1.76574	1.88477	2.01751	2.16493	2.33050	2.51567
4215740.65	1.48129	1.57157	1.67136	1.78159	1.90277	2.03699	2.18742	2.35677	2.54670
4215720.65	1.49042	1.58238	1.68368	1.79517	1.91833	2.05484	2.20740	2.38015	2.57511
4215700.65	1.49817	1.59131	1.69398	1.80706	1.93149	2.07007	2.22510	2.40014	2.59971
4215680.65	1.50401	1.59816	1.70153	1.81644	1.94244	2.08289	2.24014	2.41788	2.62084
4215660.65	1.48696	1.60293	1.70720	1.82320	1.95046	2.09241	2.25146	2.43140	2.63714
4215640.65	1.48530	1.58003	1.71079	1.82756	1.95569	2.09870	2.25905	2.44062	2.64745
4215620.65	1.47963	1.57567	1.71288	1.83010	1.95874	2.10167	2.26269	2.44607	2.65418
4215600.65	1.47315	1.56915	1.67528	1.83110	1.95989	2.10372	2.26508	2.44800	2.65765
4215580.65	1.46606	1.56183	1.66773	1.78362	1.90902	2.04904	2.20612	2.38568	2.65959
4215560.65	1.45943	1.55491	1.65880	1.77587	1.90041	2.03942	2.19532	2.37371	2.66127
4215540.65	1.45375	1.54725	1.65236	1.76901	1.89271	2.03072	2.18543	2.36257	2.56982
4215520.65	1.44871	1.54178	1.64645	1.76259	1.88540	2.02236	2.17578	2.35149	2.55725
4215500.65	1.44164	1.53577	1.63977	1.75509	1.87671	2.01473	2.16941	2.34361	2.54419
4215480.65	1.43450	1.52769	1.63054	1.74236	1.86660	2.00266	2.15492	2.32916	2.52291

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  4215460.65 |       1.42436      1.51608      1.61717      1.72682      1.84843      1.98380      2.13514
2.30199      2.48998
  4215440.65 |       1.41038      1.50002      1.59661      1.70530      1.82567      1.95692      2.10322
2.26699      2.44425
  4215420.65 |       1.39220      1.47728      1.57261      1.67756      1.79349      1.91940      2.06216
2.21857      2.38688
  4215400.65 |       1.36993      1.45183      1.54344      1.64403      1.75245      1.87475      2.01051
2.15865      2.31714
  4215380.65 |       1.34211      1.42221      1.50971      1.60557      1.70853      1.82462      1.95327
2.09325      2.24227
  4215360.65 |       1.31281      1.38907      1.47231      1.56113      1.66098      1.77111      1.89313
2.02237      2.16259
  4215340.65 |       1.28087      1.35333      1.43032      1.51674      1.61173      1.71659      1.82984
1.95571      2.08880
  4215320.65 |       1.24716      1.31616      1.38944      1.47197      1.56032      1.65778      1.76873
1.88555      2.01540
  4215300.65 |       1.21288      1.27704      1.34922      1.42858      1.51105      1.60467      1.70820
1.81956      1.94265
  4215280.65 |       1.17754      1.24122      1.31108      1.38794      1.46765      1.55525      1.65152
1.75721      1.87628
  4215260.65 |       1.14588      1.20789      1.27589      1.34827      1.42515      1.50656      1.59786
1.69699      1.80728
  4215240.65 |       1.11687      1.17746      1.24365      1.31369      1.38750      1.46488      1.54806
1.63977      1.74056
  4215220.65 |       1.09057      1.14962      1.21170      1.28071      1.35065      1.42534      1.50231
1.58879      1.68047
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 217
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                               INCLUDING SOURCE(S):     BREATH      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538745.17    538765.17    538785.17    538805.17    538825.17    538845.17    538865.17
538885.17    538905.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       1.06641      1.12342      1.18274      1.24790      1.31312      1.38407      1.45659
1.53283      1.61592
  4215180.65 |       1.04335      1.09599      1.15345      1.21405      1.27588      1.34068      1.40867
1.47801      1.55161
  4215160.65 |       1.01875      1.06959      1.12286      1.17852      1.23485      1.29562      1.35760
1.42343      1.48949
  4215140.65 |       0.99474      1.04173      1.09056      1.13968      1.19253      1.24806      1.30709
1.36858      1.43121
  4215120.65 |       0.96921      1.01222      1.05675      1.10145      1.14989      1.20126      1.25463
1.31506      1.37784
  4215100.65 |       0.94211      0.98134      1.02056      1.06304      1.10803      1.15640      1.20740
1.26600      1.32769
  4215080.65 |       0.91380      0.94837      0.98581      1.02543      1.06798      1.11272      1.16409
1.22177      1.28514
  4215060.65 |       0.88490      0.91682      0.95188      0.98951      1.02898      1.07428      1.12501
1.18234      1.24556
  4215040.65 |       0.85490      0.88608      0.91953      0.95596      0.99469      1.03956      1.09012
1.14562      1.21048
  4215020.65 |       0.82696      0.85682      0.88933      0.92379      0.96369      1.00852      1.05912
1.11467      1.17919
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	1.96323	2.04719	2.13119	2.21463	2.29702	2.37860	2.45872	2.53999	2.62269
4215980.65	2.04061	2.13594	2.23194	2.32752	2.42210	2.51518	2.60653	2.69826	2.79074
4215960.65	2.11774	2.22540	2.33453	2.44409	2.55309	2.66079	2.76653	2.87089	2.97554
4215940.65	2.19365	2.31451	2.43808	2.56344	2.68922	2.81427	2.93782	3.05864	3.17867
4215920.65	2.26729	2.40225	2.54176	2.68466	2.82968	2.97511	3.11972	3.26189	3.40216
4215900.65	2.33780	2.48736	2.64352	2.80543	2.97192	3.14089	3.31168	3.48001	3.64554
4215880.65	2.40597	2.56935	2.74262	2.92474	3.11472	3.31035	3.51155	3.71144	3.90917
4215860.65	2.46973	2.64731	2.83726	3.04030	3.25530	3.48118	3.71528	3.95428	4.19164
4215840.65	2.52983	2.72053	2.92761	3.15192	3.39304	3.65063	3.92237	4.20462	4.49136
4215820.65	2.58490	2.78854	3.01212	3.25744	3.52506	3.81461	4.12820	4.45924	4.80243
4215800.65	2.63635	2.85114	3.09019	3.35567	3.64939	3.97240	4.32877	4.71297	5.11883
4215780.65	2.68227	2.90845	3.16161	3.44695	3.76571	4.12311	4.52159	4.96021	5.43830
4215760.65	2.72421	2.95976	3.22747	3.53003	3.87329	4.26231	4.70340	5.19710	5.74808
4215740.65	2.76226	3.00700	3.28593	3.60486	3.96907	4.38855	4.86818	5.41703	6.04147
4215720.65	2.79621	3.04923	3.33792	3.67012	4.05550	4.50101	5.01536	5.61580	6.31090
4215700.65	2.82662	3.08495	3.38314	3.72807	4.12943	4.59734	5.14349	5.78785	6.55008
4215680.65	2.85200	3.11570	3.42100	3.77549	4.18837	4.67648	5.24917	5.93276	6.75392
4215660.65	2.87070	3.13984	3.45086	3.81300	4.23628	4.73926	5.33312	6.04842	6.91829
4215640.65	2.88455	3.15698	3.47229	3.83850	4.27111	4.78508	5.39454	6.13341	7.04014
4215620.65	2.89294	3.16750	3.48412	3.85546	4.29315	4.81202	5.43109	6.18462	7.11476
4215600.65	2.89723	3.17285	3.49082	3.86401	4.30428	4.82675	5.45084	6.21204	7.15441
4215580.65	2.89940	3.17395	3.49361	3.86728	4.30820	4.83154	5.45674	6.21967	7.16493
4215560.65	2.89978	3.17544	3.49492	3.86829	4.30660	4.83136	5.45530	6.21635	7.15880
4215540.65	2.90087	3.17613	3.49502	3.86563	4.30455	4.82750	5.44860	6.20545	7.14162

  4215200.65 | 1.70174   1.79755   1.90329   2.02250   2.16369   2.32874   2.52369
2.75012   3.02461
  4215180.65 | 1.63086   1.71784   1.81863   1.93403   2.07206   2.23391   2.42019
2.64439   2.90792
  4215160.65 | 1.56163   1.64497   1.73987   1.85628   1.99210   2.15099   2.33275
2.54919   2.80095
  4215140.65 | 1.50084   1.58246   1.67631   1.79144   1.92205   2.07401   2.25400
2.46191   2.70141
  4215120.65 | 1.44872   1.52979   1.62331   1.73449   1.86306   2.00810   2.18178
2.38065   2.60402
  4215100.65 | 1.40025   1.48105   1.57664   1.68389   1.80698   1.94773   2.11454
2.30415   2.51560
  4215080.65 | 1.35748   1.44030   1.53269   1.63820   1.75561   1.89156   2.05124
2.22844   2.43142
  4215060.65 | 1.31965   1.40396   1.49522   1.59625   1.71028   1.83862   1.99115

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	2.71027	2.80381	2.90410	3.01280	3.12988	3.25834	3.40367	3.56783	3.75668
4215980.65	2.88771	2.99065	3.10069	3.21977	3.34685	3.48880	3.64658	3.82690	4.03526
4215960.65	3.08400	3.19817	3.31961	3.45070	3.59185	3.74678	3.92056	4.11963	4.35061
4215940.65	3.30147	3.42934	3.56438	3.70955	3.86569	4.03700	4.22925	4.44996	4.70712
4215920.65	3.54250	3.68747	3.83908	4.00105	4.17483	4.36526	4.57898	4.82482	5.11248
4215900.65	3.80932	3.97614	4.14847	4.33085	4.52569	4.73871	4.97975	5.25290	5.57637
4215880.65	4.10375	4.29896	4.49676	4.70452	4.92473	5.16630	5.43512	5.74791	6.11101
4215860.65	4.42612	4.65827	4.89069	5.12973	5.38298	5.65727	5.96406	6.31860	6.73208
4215840.65	4.77530	5.05661	5.33601	5.61657	5.91045	6.22743	6.58061	6.98568	7.45613
4215820.65	5.14973	5.49474	5.83673	6.17472	6.52480	6.89468	7.30582	7.77303	8.31298
4215800.65	5.54212	5.97075	6.39602	6.81567	7.23849	7.68150	8.16392	8.71234	9.34370
4215780.65	5.94616	6.47705	7.01268	7.54591	8.07638	8.61858	9.19702	9.84653	10.59379
4215760.65	6.35180	7.00174	7.67846	8.36401	9.04573	9.73001	10.44198	11.22608	12.13237
4215740.65	6.74712	7.52891	8.37702	9.26544	10.15998	11.05389	11.96200	12.93506	14.05269
4215720.65	7.11694	8.04524	9.08782	10.22563	11.41116	12.61394	13.82025	15.08013	16.48903
4215700.65	7.45504	8.52901	9.78154	11.20757	12.77671	14.42675	16.10801	17.80324	19.66301
4215680.65	7.74887	8.96162	10.42616	12.17050	14.20596	16.47151	18.88015	21.32887	23.88500
4215660.65	7.99002	9.32639	10.98429	13.05449	15.59960	18.64712	22.13622	25.84309	29.63125
4215640.65	8.17181	9.60340	11.43736	13.80213	16.85571	20.78436	25.69455	31.44547	37.58162
4215620.65	8.29126	9.79397	11.75683	14.36012	17.86160	22.66091	29.21840	37.88019	48.32169
4215600.65	8.34694	9.89475	11.93449	14.69301	18.51744	24.01843	32.12345	44.19510	61.57711

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215580.65	8.36311	9.92343	11.99053	14.79975	18.79033	24.69012	33.86480	48.88520	74.52873
4215560.65	8.35310	9.90868	11.95974	14.77486	18.77527	24.74505	34.18957	50.54332	81.55814
4215540.65	8.32656	9.86805	11.89631	14.67441	18.61180	24.43913	33.70844	49.71886	80.36236
4215520.65	8.26728	9.77150	11.76172	14.46238	18.26331	23.83340	32.57160	47.25438	74.58193
4215500.65	8.13197	9.58336	11.47888	14.02187	17.52593	22.59824	30.27613	42.54241	63.54845
4215480.65	7.90891	9.26584	11.01511	13.30907	16.43123	20.79393	27.10805	36.57906	51.81379
4215460.65	7.60132	8.84183	10.41657	12.43958	15.11957	18.73112	23.74037	31.00204	42.59791
4215440.65	7.23994	8.35572	9.73727	11.49040	13.73720	16.68287	20.68120	26.56387	35.83982
4215420.65	6.85050	7.83887	9.03779	10.52759	12.40470	14.83740	18.20677	23.13263	30.50618
4215400.65	6.44689	7.30476	8.34251	9.61237	11.21368	13.31055	16.22734	20.37846	26.14047
4215380.65	5.57569	6.78681	7.68610	8.79098	10.18989	12.05714	14.60612	18.07570	22.56992
4215360.65	5.19214	5.81378	7.09414	8.07429	9.34162	11.01355	13.23166	16.08959	19.61186
4215340.65	4.83043	5.38757	6.07640	7.47105	8.62530	10.12053	12.02443	14.38876	17.15497
4215320.65	4.52404	5.03084	5.66597	6.47986	8.00759	9.34396	10.98594	12.93435	15.11874
4215300.65	4.25685	4.72887	5.33342	6.08732	7.46253	8.64183	10.05031	11.66675	13.41977
4215280.65	4.02006	4.47322	5.03833	5.74335	6.65116	8.01330	9.22031	10.56123	11.97619
4215260.65	3.82560	4.26134	4.78841	5.43386	6.25585	7.44162	8.47128	9.59568	10.75048
4215240.65	3.65023	4.06645	4.56252	5.15859	5.89966	6.92062	7.80105	8.74551	9.70299
4215220.65	3.48924	3.88388	4.35429	4.90921	5.56738	6.44548	7.20094	7.99567	8.79724
4215200.65	3.34443	3.72240	4.15977	4.67356	5.26351	5.92070	6.65939	7.33636	8.01392
4215180.65	3.21165	3.56618	3.97656	4.44465	4.97263	5.55076	6.17370	6.75445	7.33231
4215160.65	3.08815	3.42440	3.80816	4.23376	4.70589	5.21055	5.74014	6.23890	6.73581
4215140.65	2.97209	3.28991	3.64320	4.03388	4.45602	4.89773	5.35615	5.77765	6.21094
4215120.65	2.86231	3.15794	3.48659	3.84461	4.21869	4.61006	5.01348		

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	3.96485	4.19204	4.42748	4.65793	4.86753	5.04028	5.15375	5.20708	5.20042
4215980.65	4.26836	4.52158	4.78444	5.03820	5.26923	5.45572	5.57530	5.62071	5.59616
4215960.65	4.61044	4.89403	5.18896	5.47289	5.72515	5.92282	6.04376	6.08091	6.03267
4215940.65	4.99812	5.31737	5.64692	5.96588	6.24568	6.45437	6.57864	6.60328	6.52393
4215920.65	5.44008	5.80157	6.17572	6.53235	6.83930	7.06276	7.18304	7.18905	7.07371
4215900.65	5.94728	6.35919	6.78683	7.18801	7.53066	7.76341	7.88026	7.85352	7.69055
4215880.65	6.53360	7.00232	7.49419	7.95301	8.33677	8.58912	8.68320	8.61024	8.37214
4215860.65	7.21296	7.74981	8.31955	8.85360	9.29176	9.55585	9.62111	9.47556	9.14585
4215840.65	8.00684	8.63729	9.29751	9.92449	10.41847	10.69704	10.71564	10.46908	10.01079
4215820.65	8.95455	9.68967	10.47731	11.21245	11.78023	12.05648	11.99137	11.61420	10.99649
4215800.65	10.09320	10.96784	11.90075	12.78159	13.42421	13.69196	13.51077	12.93895	12.11217
4215780.65	11.49511	12.54330	13.67760	14.73502	15.46183	15.68067	15.32057	14.49036	13.38898
4215760.65	13.22128	14.50588	15.92223	17.21058	18.02804	18.14341	17.49115	16.31420	14.83932
4215740.65	15.39551	16.99731	18.78182	20.37444	21.27838	21.19400	20.11178	18.42939	16.48920
4215720.65	18.18375	20.23150	22.53292	24.53771	25.50139	25.04434	23.31817	20.90573	18.37089
4215700.65	21.83772	24.54471	27.59863	30.17602	31.08243	29.94007	27.18167	23.81120	20.52652
4215680.65	26.79633	30.43544	34.66057	38.03886	38.68905	36.23554	31.87384	27.20245	23.01061
4215660.65	33.76890	38.84855	44.89960	49.48399	49.36531	44.46047	37.67091	31.20787	25.87977

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  4215640.65 |      43.92245     51.47084     60.68092     67.06037     64.71822     55.29041     44.74394
35.94644     29.10793
  4215620.65 |      59.45213     71.62014     86.84004     95.97375     87.62409     69.58773     53.50662
41.42487     32.56480
  4215600.65 |      83.48125    106.64846    134.23658    147.48817    122.30102     88.76060     64.03531
47.21530     35.68054
  4215580.65 |     117.50325    173.26036    232.79806    247.34448    174.14098    112.09820     74.41620
51.72098     37.59571
  4215560.65 |     148.57268    293.75366    463.36415    440.58775    239.92726    132.04996     80.27408
53.35205     37.92819
  4215540.65 |     150.54810    351.54297    407.32590    590.50544    259.51198    132.90832     79.01799
52.15662     37.03346
  4215520.65 |     132.87081    279.90692    848.76149    511.58263    218.36066    118.53827     72.84869
49.01373     35.23138
  4215500.65 |     103.33034    196.19719    410.66419    390.06602    191.01855    102.73987     64.61304
44.60490     32.67178
  4215480.65 |      79.58819    136.69181    220.32225    232.71161    158.15062     92.69279     58.45742
40.52872     30.03197
  4215460.65 |      62.95594     96.75997    134.71215    146.07733    119.95637     82.00012     54.14278
37.71538     27.92886
  4215440.65 |      50.48331     70.84955     90.85982     98.90656     89.50096     69.43073     49.75857
35.57389     26.43969
  4215420.65 |      40.90635     53.65919     65.49076     71.21048     67.92397     57.43375     44.61933
33.41152     25.21231
  4215400.65 |      33.59488     41.98321     49.53900     53.73916     52.84807     47.31267     39.20090
30.92584     24.01365
  4215380.65 |      27.97739     33.75011     38.88619     42.01960     42.13168     39.18396     34.08990
28.19022     22.65259
  4215360.65 |      23.61455     27.74596     31.40972     33.83198     34.32272     32.75160     29.53446
25.41095     21.14415
  4215340.65 |      20.18132     23.21990     25.95321     27.86767     28.50334     27.69498     25.64548
22.76164     19.53432
  4215320.65 |      17.44212     19.76882     21.84345     23.37255     24.01422     23.65489     22.34489
20.33076     17.92135
  4215300.65 |      15.23789     17.04096     18.66675     19.89788     20.52436     20.41458     19.57939
18.16602     16.37234
  4215280.65 |      13.43076     14.85639     16.15749     17.17286     17.75187     17.78602     17.25343
16.25791     14.92167
  4215260.65 |      11.93220     13.07905     14.13080     14.98730     15.51376     15.62977     15.30316
14.60046     13.60196
  4215240.65 |      10.67024     11.61286     12.48260     13.20639     13.68132     13.83632     13.65332
13.16335     12.41486
  4215220.65 |       9.60327     10.38846     11.11716     11.73500     12.15654     12.34007     12.25401
11.90725     11.34948
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 223
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                                INCLUDING SOURCE(S):     BREATH      ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539285.17    539305.17    539325.17    539345.17    539365.17    539385.17    539405.17
539425.17    539445.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       8.69312      9.35490      9.97246     10.50460     10.88346     11.07560     11.05122
10.81573     10.40065
  4215180.65 |       7.91040      8.47401      9.00266      9.46034      9.80540      9.99794     10.01499
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	5.12940	5.00745	4.83791	4.63905	4.42225	4.19492	3.96842	3.74654	3.52766
4215980.65	5.49855	5.34097	5.13999	4.90286	4.65356	4.39986	4.14525	3.90203	3.66503
4215960.65	5.90563	5.71265	5.46654	5.18887	4.90269	4.61363	4.33162	4.06320	3.80737
4215940.65	6.35956	6.11479	5.81960	5.49530	5.16417	4.83984	4.52842	4.23319	3.95763
4215920.65	6.85734	6.55440	6.20136	5.82780	5.44618	5.07962	4.73360	4.41307	4.11688
4215900.65	7.40869	7.03518	6.61423	6.18017	5.74688	5.33442	4.95479	4.60419	4.28630
4215880.65	8.00858	7.55567	7.06083	6.55830	6.06816	5.61008	5.19438	4.81478	4.47327
4215860.65	8.67939	8.12463	7.53864	6.96474	6.41246	5.90955	5.45127	5.04068	4.67358
4215840.65	9.41614	8.74681	8.06197	7.40275	6.78770	6.22765	5.72787	5.28360	4.89135
4215820.65	10.23262	9.42006	8.62371	7.87089	7.18850	6.57162	6.02658	5.54846	5.12034
4215800.65	11.13786	10.16549	9.23519	8.38567	7.62408	6.94487	6.34913	5.82813	5.36226
4215780.65	12.17675	11.00372	9.91984	8.95491	8.09934	7.34992	6.70003	6.12408	5.61348
4215760.65	13.32440	11.92058	10.66587	9.57344	8.61811	7.79200	7.06746	6.43092	5.86750
4215740.65	14.60909	12.93972	11.49179	10.25327	9.18049	8.25619	7.44756	6.73909	6.11854
4215720.65	16.05490	14.07912	12.40718	10.99452	9.78494	8.73471	7.82591	7.03480	6.34728

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215700.65	17.69202	15.35497	13.40211	11.77626	10.39217	9.19949	8.17696	7.29677	6.54075
4215680.65	19.54975	16.75381	14.46258	12.56218	10.97105	9.61849	8.47604	7.50743	6.68720
4215660.65	21.62968	18.26117	15.52766	13.30945	11.47925	9.96251	8.70530	7.65736	6.78290
4215640.65	23.84819	19.73211	16.49292	13.92237	11.86661	10.20209	8.84929	7.73993	6.82646
4215620.65	25.96829	21.00564	17.23172	14.33778	12.09729	10.32284	8.90538	7.75847	6.82381
4215600.65	27.63313	21.85511	17.66012	14.54292	12.18412	10.34788	8.89895	7.73697	6.79595
4215580.65	28.41711	22.17140	17.75268	14.54901	12.14026	10.29112	8.84105	7.68786	6.74738
4215560.65	28.35189	22.02267	17.59443	14.40192	12.01357	10.18498	8.75852	7.61476	6.68674
4215540.65	27.70479	21.56308	17.28141	14.16322	11.83094	10.04296	8.64613	7.52489	6.61403
4215520.65	26.58132	20.84468	16.78363	13.82163	11.57892	9.85791	8.49860	7.40897	6.52156
4215500.65	25.01787	19.81047	16.08296	13.32726	11.23415	9.59606	8.29902	7.25396	6.40251
4215480.65	23.24211	18.58859	15.22030	12.70378	10.77554	9.25829	8.04089	7.05669	6.24406
4215460.65	21.67937	17.40222	14.33050	12.02867	10.26235	8.86647	7.73730	6.81683	6.05281
4215440.65	20.49326	16.43256	13.54005	11.39977	9.75710	8.46231	7.41729	6.55664	5.84083
4215420.65	19.59707	15.69475	12.91716	10.87199	9.31126	8.08991	7.10492	6.29877	5.62481
4215400.65	18.83597	15.11830	12.43552	10.45202	8.94745	7.77146	6.82731	6.05862	5.42158
4215380.65	18.10417	14.63927	12.05948	10.12557	8.65582	7.50741	6.59261	5.84901	5.23561
4215360.65	17.30092	14.16840	11.73223	9.86135	8.41899	7.29300	6.39552	5.67118	5.07497
4215340.65	16.40029	13.66734	11.41779	9.62897	8.22692	7.11856	6.23574	5.52179	4.93858
4215320.65	15.42217	13.10043	11.07566	9.40405	8.05397	6.97295	6.10399	5.40142	4.82591
4215300.65	14.40596	12.47616	10.70164	9.16970	7.89021	6.84306	5.99277	5.30106	4.73186
4215280.65	13.39144	11.80670	10.28726	8.91271	7.72191	6.72259	5.89628	5.21556	4.65268
4215260.65	12.40444	11.12375	9.83871	8.62779	7.53940	6.60002	5.80396	5.13852	4.58469
4215240.65	11.48072	10.44656	9.36732	8.31622	7.33763	6.46656	5.71109	5.06637	4.52318
4215220.65	10.62364	9.78646	8.88878	7.98349	7.11574	6.31976	5.60960	4.99330	4.46476

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	3.32175	3.13190	2.95445	2.79091	2.64190
4215980.65	3.44624	3.24201	3.05419	2.88353	2.72532
4215960.65	3.57326	3.35625	3.15773	2.97974	2.81502
4215940.65	3.70755	3.47718	3.26935	3.07977	2.90811
4215920.65	3.85005	3.60555	3.38572	3.18748	3.00621
4215900.65	4.00174	3.74205	3.50911	3.30120	3.11085
4215880.65	4.16901	3.89222	3.64416	3.42059	3.21788
4215860.65	4.34757	4.05153	3.78619	3.54686	3.32777
4215840.65	4.53750	4.21932	3.93394	3.67417	3.43661
4215820.65	4.73783	4.39383	4.08513	3.80199	3.54573
4215800.65	4.94606	4.57470	4.23628	3.92930	3.65008
4215780.65	5.15769	4.75157	4.38283	4.04977	3.75057
4215760.65	5.36932	4.92097	4.51936	4.15896	3.83728
4215740.65	5.56590	5.07576	4.64023	4.25504	3.90924
4215720.65	5.74109	5.20874	4.74298	4.32957	3.96413
4215700.65	5.88233	5.31064	4.81275	4.38022	4.00082
4215680.65	5.98227	5.37726	4.85848	4.40890	4.01750
4215660.65	6.04089	5.41083	4.87535	4.41723	4.01838
4215640.65	6.05974	5.41437	4.86972	4.40638	4.00912
4215620.65	6.04550	5.39437	4.84744	4.38634	3.98952
4215600.65	6.01612	5.36584	4.82084	4.36201	3.96761
4215580.65	5.97352	5.32888	4.78886	4.33425	3.94351
4215560.65	5.92304	5.28974	4.75324	4.30389	3.91751
4215540.65	5.86694	5.24053	4.71486	4.27143	3.88986
4215520.65	5.79203	5.17931	4.66418	4.22889	3.85212
4215200.65	9.83265	9.15471	8.41095	7.63698	6.87602	6.15800	5.50032	4.91667	4.40713
4215180.65	9.10792	8.56077	7.94049	7.28433	6.62260	5.98025	5.37997	4.83359	4.34730
4215160.65	8.44685	8.00237	7.48924	6.93236	6.35852	5.79197	5.24831	4.74232	4.28204
4215140.65	7.84100	7.48352	7.05882	6.59042	6.09588	5.59744	5.10879	4.64331	4.21346
4215120.65	7.29092	7.00161	6.65171	6.25645	5.83304	5.39663	4.96043	4.53668	4.13791
4215100.65	6.79152	6.55909	6.26906	5.93699	5.57358	5.19274	4.80541	4.42230	4.05531
4215080.65	6.33785	6.14996	5.91097	5.63200	5.32025	4.98860	4.64600	4.30156	3.96612
4215060.65	5.92528	5.77362	5.57687	5.34128	5.07507	4.78559	4.48349	4.17604	3.87048
4215040.65	5.54957	5.42749	5.26451	5.06555	4.83626	4.58582	4.32001	4.04587	3.76957
4215020.65	5.20547	5.10903	4.97413	4.80604	4.60930	4.39178	4.15814	3.91350	3.66529

4215500.65	5.69387	5.09974	4.59884	4.17251	3.80478
4215480.65	5.56726	4.99739	4.51503	4.10123	3.74517
4215460.65	5.41318	4.87420	4.41199	4.01582	3.67214
4215440.65	5.23939	4.73059	4.29275	3.91444	3.58671
4215420.65	5.05979	4.57764	4.16356	3.80492	3.49338
4215400.65	4.88299	4.42523	4.03211	3.69272	3.39511
4215380.65	4.72041	4.28168	3.90671	3.58109	3.29682
4215360.65	4.57627	4.15225	3.79002	3.47625	3.20280
4215340.65	4.45130	4.03907	3.68609	3.38120	3.11606
4215320.65	4.34579	3.94044	3.59412	3.29566	3.03669
4215300.65	4.25711	3.85673	3.51519	3.22137	2.96689
4215280.65	4.18245	3.78588	3.44787	3.15743	2.90622
4215260.65	4.11906	3.72577	3.39053	3.10263	2.85383
4215240.65	4.06416	3.67456	3.34218	3.05631	2.80935
4215220.65	4.01454	3.62970	3.30071	3.01707	2.77161

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	3.96657	3.58910	3.26375	2.98304	2.73943
4215180.65	3.92040	3.55056	3.23054	2.95236	2.71092
4215160.65	3.87292	3.51303	3.19880	2.92460	2.68513
4215140.65	3.82377	3.47540	3.16845	2.89857	2.66179
4215120.65	3.77003	3.43613	3.13822	2.87377	2.64007
4215100.65	3.71093	3.39346	3.10640	2.84836	2.61895
4215080.65	3.64617	3.34665	3.07205	2.82188	2.59775
4215060.65	3.57531	3.29533	3.03451	2.79396	2.57582
4215040.65	3.49889	3.23848	2.99211	2.76282	2.55254
4215020.65	3.41823	3.17736	2.94646	2.72924	2.52737

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	80.49374	539351.84	4215428.70	80.33729
539361.84	4215428.70	77.24408	539371.84	4215428.70	71.73977

539381.84	4215428.70	64.62229	539341.84	4215438.70	95.44289
539351.84	4215438.70	94.43405	539361.84	4215438.70	89.39698
539371.84	4215438.70	81.33334	539381.84	4215438.70	71.56821
539341.84	4215448.70	114.96676	539351.84	4215448.70	112.36759
539361.84	4215448.70	104.20817	539371.84	4215448.70	92.32557
539381.84	4215448.70	78.96398	539341.84	4215458.70	141.04205
539351.84	4215458.70	135.45782	539361.84	4215458.70	122.12530
539371.84	4215458.70	104.56024	539381.84	4215458.70	86.44793
539341.84	4215468.70	176.77984	539351.84	4215468.70	165.38277
539361.84	4215468.70	143.35460	539371.84	4215468.70	117.49100
539381.84	4215468.70	93.57834	539113.88	4215517.52	8.85686
539096.52	4215515.99	7.70368	539108.26	4215501.18	8.34112
539096.01	4215500.67	7.58296	539108.26	4215486.38	8.17772
539094.47	4215485.36	7.36066	539135.32	4215461.36	9.60914
539150.13	4215439.91	10.10935	539114.39	4215452.68	7.97769
539123.07	4215439.40	8.19445	539159.32	4215421.02	10.07386
539145.02	4215416.43	8.88185	539134.30	4215410.81	8.05922
539131.75	4215425.11	8.33384	539206.80	4215383.75	12.41881
539215.99	4215372.52	12.82385	539188.93	4215382.22	10.57866
539176.17	4215379.67	9.47325	539165.44	4215376.09	8.63256
539248.79	4215356.71	16.30512	539243.45	4215348.45	14.78719
539265.58	4215345.25	17.74415	539260.78	4215338.05	16.25367
539256.25	4215351.38	16.95758	539272.77	4215331.92	17.23000
539264.78	4215324.99	15.48646	539280.77	4215321.79	17.06325
539279.97	4215307.14	15.39196	539287.97	4215313.80	16.94024
539297.83	4215304.74	16.86357	539289.56	4215296.21	15.18751
539311.15	4215287.68	16.00994	539303.69	4215281.28	14.81436
539303.69	4215296.21	16.38932	539314.25	4215271.79	14.57975
539329.09	4215260.48	14.30618	539339.69	4215237.16	12.75674
539357.36	4215232.92	12.91222	539394.11	4215199.70	11.03727
539044.99	4215579.21	5.45076	539034.39	4215591.93	5.10347
539054.88	4215556.59	5.80383	539058.42	4215538.92	5.93031
539054.88	4215520.55	5.77212	539082.44	4215477.44	6.68834
539073.96	4215466.13	6.21084	539098.70	4215440.69	6.92754
539109.30	4215426.56	7.16168	539117.07	4215415.96	7.30237

539125.55	4215401.11	7.33674	539158.77	4215367.19	7.94535
539150.29	4215357.30	7.22710	539184.21	4215339.63	8.52983
539222.37	4215324.79	10.93264	539243.58	4215317.72	12.57885

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	10.59033	539364.42	4215191.93	10.38195
539344.64	4215200.41	10.47671	539409.65	4215113.48	7.42782
539355.94	4215136.80	7.83732	539262.66	4215288.75	12.33333
539282.44	4215261.19	11.80597	539299.41	4215235.04	10.99584
539168.92	4215647.77	14.04412	538947.70	4216163.58	1.43717
539352.12	4215798.21	13.26517	539367.62	4215566.76	205.34308
539278.26	4215504.64	90.59641	539297.51	4215494.11	134.88907
539323.66	4215486.12	250.27155	539342.55	4215482.85	252.20367
539367.23	4215481.23	150.90240	539397.77	4215487.94	70.71704
539352.73	4215556.41	387.16490	539337.83	4215546.05	766.01277
539322.94	4215535.70	300.57073	539308.05	4215525.35	344.39780
539293.15	4215514.99	161.77213	539287.89	4215499.38	109.38178
539310.58	4215490.12	194.02628	539354.89	4215482.04	206.39932
539382.50	4215484.59	101.43734	539391.74	4215503.70	88.69729
539385.71	4215519.47	115.74860	539379.68	4215535.23	153.15023
539373.65	4215551.00	193.99866			

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***

INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 ,

L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	9.79966	9.61171	9.30176	8.94458	8.54695	8.14875	7.75958	7.38774	7.03130
4215980.65	8.51373	8.44427	8.26393	8.00680	7.70581	7.39019	7.07155	6.76334	6.45796
4215960.65	7.46492	7.47980	7.38699	7.21609	6.99262	6.74503	6.48570	6.21716	5.95387
4215940.65	6.60725	6.67291	6.63915	6.53192	6.36884	6.17512	5.96316	5.74322	5.51001
4215920.65	5.89468	5.98870	5.99664	5.93704	5.82177	5.67222	5.50002	5.31546	5.12432
4215900.65	5.29996	5.40579	5.44232	5.41668	5.33893	5.22555	5.08688	4.93277	4.76935
4215880.65	4.79358	4.90777	4.96038	4.96425	4.91710	4.83475	4.72703	4.59007	4.44942
4215860.65	4.36595	4.47651	4.54523	4.56093	4.53762	4.47884	4.39444	4.28147	4.16166
4215840.65	3.99140	4.10819	4.17628	4.20884	4.19697	4.15960	4.09444	4.00109	3.89883
4215820.65	3.66788	3.78070	3.85105	3.89174	3.89302	3.87025	3.82204	3.75242	3.65884
4215800.65	3.39255	3.49264	3.57041	3.60886	3.62609	3.60851	3.57356	3.51855	3.44678
4215780.65	3.14369	3.24590	3.31366	3.36357	3.37853	3.37694	3.35324	3.30297	3.24422
4215760.65	2.93190	3.01906	3.09347	3.13640	3.16348	3.16877	3.14586	3.11380	3.06636
4215740.65	2.73590	2.82577	2.88872	2.93166	2.96187	2.97246	2.96521	2.94134	2.90306
4215720.65	2.56909	2.64473	2.70431	2.75480	2.78715	2.80217	2.80083	2.77582	2.74568
4215700.65	2.41158	2.48152	2.54615	2.58718	2.62079	2.63903	2.64250	2.63182	2.60710
4215680.65	2.26920	2.34248	2.39535	2.44291	2.47715	2.49752	2.50438	2.49771	2.47221
4215660.65	2.14874	2.20864	2.26625	2.30414	2.33847	2.36049	2.37036	2.36791	2.34698
4215640.65	2.03142	2.09500	2.14121	2.18446	2.21835	2.24114	2.25282	2.24763	2.23755
4215620.65	1.92443	1.98373	2.02669	2.06844	2.10186	2.12607	2.13967	2.14183	2.12967
4215600.65	1.82594	1.88161	1.92917	1.96216	1.99500	2.01903	2.03406	2.03940	2.03418
4215580.65	1.73534	1.78762	1.83274	1.87075	1.90243	1.92613	1.94160	1.94788	1.94090
4215560.65	1.65178	1.70092	1.74418	1.78020	1.81104	1.83474	1.85102	1.85892	1.85372
4215540.65	1.57452	1.62097	1.66174	1.69633	1.72626	1.74982	1.76666	1.77586	1.77635
4215520.65	1.50292	1.54663	1.58532	1.61850	1.64749	1.67078	1.68799	1.69823	1.70043
4215500.65	1.43642	1.47760	1.51432	1.54615	1.57419	1.59660	1.61342	1.62437	1.62852
4215480.65	1.37451	1.41337	1.44826	1.47911	1.50545	1.52741	1.54431	1.55520	1.56105
4215460.65	1.31678	1.35350	1.38667	1.41621	1.44170	1.46278	1.47911	1.49098	1.49766

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***

INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215440.65	1.26285	1.29759	1.32928	1.35744	1.38177	1.40233	1.41856	1.43012	1.43806
4215420.65	1.21239	1.24529	1.27545	1.30246	1.32599	1.34610	1.36176	1.37353	1.38196
4215400.65	1.16509	1.19628	1.22502	1.25093	1.27392	1.29330	1.30887	1.32081	1.32964
4215380.65	1.12057	1.15029	1.17771	1.20256	1.22476	1.24368	1.25908	1.27112	1.28025
4215360.65	1.07882	1.10708	1.13326	1.15719	1.17853	1.19697	1.21216	1.22463	1.23398
4215340.65	1.03951	1.06641	1.09141	1.11440	1.13501	1.15295	1.16819	1.18030	1.18978
4215320.65	1.00247	1.02810	1.05199	1.07408	1.09407	1.11174	1.12658	1.13894	1.14824
4215300.65	0.96750	0.99184	1.01481	1.03603	1.05537	1.07257	1.08734	1.09961	1.10904
4215280.65	0.93428	0.95769	0.97969	1.00010	1.01874	1.03548	1.05005	1.06220	1.07153
4215260.65	0.90302	0.92539	0.94649	0.96608	0.98408	1.00033	1.01459	1.02658	1.03600
4215240.65	0.87342	0.89482	0.91506	0.93390	0.95125	0.96696	0.98084	0.99262	1.00204
4215220.65	0.84536	0.86585	0.88517	0.90341	0.92013	0.93533	0.94879	0.96026	0.96951
4215200.65	0.81872	0.83837	0.85692	0.87447	0.89060	0.90531	0.91835	0.92955	0.93868
4215180.65	0.79342	0.81210	0.83009	0.84700	0.86260	0.87681	0.88942	0.90032	0.90934
4215160.65	0.76917	0.78729	0.80459	0.82089	0.83595	0.84972	0.86194	0.87249	0.88140
4215140.65	0.74627	0.76368	0.78033	0.79594	0.81058	0.82392	0.83577	0.84605	0.85479
4215120.65	0.72446	0.74120	0.75723	0.77228	0.78642	0.79934	0.81086	0.82089	0.82940
4215100.65	0.70367	0.71977	0.73507	0.74972	0.76339	0.77590	0.78709	0.79688	0.80523
4215080.65	0.68382	0.69916	0.71407	0.72821	0.74142	0.75348	0.76440	0.77395	0.78210
4215060.65	0.66487	0.67964	0.69402	0.70767	0.72035	0.73211	0.74272	0.75204	0.76003
4215040.65	0.64656	0.66099	0.67487	0.68805	0.70030	0.71169	0.72199	0.73107	0.73890
4215020.65	0.62924	0.64316	0.65655	0.66916	0.68112	0.69216	0.70216	0.71100	0.71868

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***

INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	6.67299	6.33628	5.99935	5.66102	5.31908	4.97005	4.61956	4.26163	3.90574
4215980.65	6.15319	5.84422	5.54200	5.24030	4.93558	4.62747	4.31706	4.00053	3.68554
4215960.65	5.69296	5.42392	5.15582	4.88648	4.61351	4.32475	4.04634	3.76616	3.48548
4215940.65	5.28042	5.04162	4.80258	4.56130	4.31635	4.06678	3.80580	3.55482	3.30334
4215920.65	4.91266	4.70739	4.49714	4.28228	4.06304	3.83894	3.60007	3.36347	3.13584
4215900.65	4.59537	4.40163	4.21426	4.02148	3.82403	3.62188	3.41614	3.19793	2.98340
4215880.65	4.29910	4.13966	3.96397	3.79246	3.61592	3.43445	3.23876	3.04917	2.85037
4215860.65	4.02967	3.88963	3.74193	3.58826	3.42883	3.26346	3.08579	2.90411	2.72167
4215840.65	3.78475	3.66143	3.53029	3.39262	3.24888	3.09921	2.94405	2.77010	2.61159
4215820.65	3.56014	3.45232	3.33606	3.21282	3.08325	2.94806	2.80676	2.66117	2.50102
4215800.65	3.36252	3.26810	3.16508	3.05449	2.93714	2.81387	2.67928	2.54652	2.41166
4215780.65	3.17307	3.09113	3.00021	2.90103	2.79525	2.68287	2.56010	2.43934	2.31513
4215760.65	3.00606	2.92741	2.84709	2.75853	2.66274	2.56074	2.44837	2.33835	2.22501
4215740.65	2.84493	2.78329	2.70502	2.62587	2.53965	2.44658	2.34412	2.24349	2.13999
4215720.65	2.70299	2.64251	2.57981	2.50241	2.42408	2.33963	2.25134	2.15417	2.05958
4215700.65	2.56449	2.51850	2.45674	2.39276	2.31631	2.23984	2.15944	2.07504	1.98757
4215680.65	2.43569	2.39667	2.34740	2.28509	2.22143	2.14654	2.07337	1.99616	1.91578
4215660.65	2.32300	2.28285	2.24014	2.18400	2.12710	2.05854	1.99200	1.92137	1.84751
4215640.65	2.21157	2.18232	2.13953	2.09498	2.03819	1.98051	1.91955	1.85442	1.78596
4215620.65	2.11304	2.08314	2.05076	2.00591	1.95903	1.90295	1.84759	1.78802	1.72506
4215600.65	2.01632	1.99471	1.96237	1.92632	1.88025	1.83308	1.78232	1.72734	1.66890
4215580.65	1.92990	1.90870	1.88315	1.84761	1.80573	1.76332	1.71726	1.66700	1.61327
4215560.65	1.84640	1.83067	1.80530	1.77327	1.73997	1.69712	1.65536	1.60947	1.56009

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  4215540.65 |       1.76725      1.75447      1.73189      1.70747      1.67349      1.63781      1.59951
1.55712      1.51126
  4215520.65 |       1.69655      1.68274      1.66593      1.64137      1.61367      1.57845      1.54377
1.50507      1.46292
  4215500.65 |       1.62639      1.61806      1.60168      1.58166      1.55427      1.52538      1.49352
1.45772      1.41853
  4215480.65 |       1.56115      1.55475      1.54268      1.52280      1.50015      1.47196      1.44312
1.41045      1.37442
  4215460.65 |       1.49901      1.49497      1.48492      1.46698      1.44693      1.42305      1.39656
1.36637      1.33293
  4215440.65 |       1.44046      1.43849      1.43023      1.41638      1.39698      1.37491      1.35094
1.32336      1.29260
  4215420.65 |       1.38584      1.38506      1.37840      1.36714      1.35079      1.32902      1.30735
1.28219      1.25393
  4215400.65 |       1.33424      1.33448      1.32924      1.31965      1.30523      1.28684      1.26691
1.24364      1.21738
  4215380.65 |       1.28543      1.28702      1.28309      1.27449      1.26183      1.24600      1.22794
1.20664      1.18242
  4215360.65 |       1.23966      1.24154      1.23872      1.23152      1.22046      1.20634      1.19005
1.17062      1.14837
  4215340.65 |       1.19585      1.19839      1.19655      1.19060      1.18150      1.16844      1.15377
1.13608      1.11565
  4215320.65 |       1.15464      1.15741      1.15644      1.15160      1.14378      1.13219      1.11852
1.10248      1.08334
  4215300.65 |       1.11546      1.11876      1.11826      1.11481      1.10775      1.09751      1.08525
1.07024      1.05271
  4215280.65 |       1.07819      1.08170      1.08219      1.07930      1.07331      1.06431      1.05333
1.03928      1.02280
  4215260.65 |       1.04272      1.04645      1.04751      1.04541      1.04039      1.03290      1.02230
1.00955      0.99445
  4215240.65 |       1.00881      1.01306      1.01444      1.01305      1.00890      1.00239      0.99293
0.98099      0.96718
  4215220.65 |       0.97643      0.98106      0.98289      0.98212      0.97904      0.97314      0.96473
0.95394      0.94133
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 233
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                               INCLUDING SOURCE(S):     L0000423    , L0000424    , L0000425    , L0000426    ,
L0000427    ,
                 L0000428    , L0000429    , L0000430    , L0000431    , L0000432    , L0000433    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     538925.17    538945.17    538965.17    538985.17    539005.17    539025.17    539045.17
539065.17    539085.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.94572      0.95042      0.95278      0.95277      0.95015      0.94508      0.93764
0.92827      0.91642
  4215180.65 |       0.91637      0.92133      0.92401      0.92447      0.92247      0.91817      0.91190
0.90318      0.89239
  4215160.65 |       0.88849      0.89357      0.89664      0.89739      0.89595      0.89233      0.88683
0.87902      0.86921
  4215140.65 |       0.86181      0.86697      0.87024      0.87133      0.87053      0.86774      0.86273
0.85574      0.84685
  4215120.65 |       0.83629      0.84147      0.84490      0.84638      0.84599      0.84390      0.83955
0.83332      0.82553
  4215100.65 |       0.81199      0.81720      0.82065      0.82250      0.82262      0.82099      0.81724
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***

INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	3.55496	3.21912	2.90625	2.62114	2.36776	2.14500	1.95015	1.78122	1.63423
4215980.65	3.37368	3.07279	2.78970	2.52870	2.29453	2.08479	1.90018	1.73812	1.59608
4215960.65	3.20655	2.93579	2.67893	2.43976	2.22229	2.02645	1.85166	1.69662	1.55969
4215940.65	3.05256	2.80788	2.57414	2.35464	2.15317	1.96998	1.80478	1.65687	1.52511
4215920.65	2.91046	2.68850	2.47519	2.27339	2.08665	1.91536	1.75946	1.61861	1.49208
4215900.65	2.77903	2.57698	2.38180	2.19593	2.02273	1.86257	1.71516	1.58169	1.46041
4215880.65	2.65722	2.47273	2.29442	2.12288	1.96197	1.81162	1.67314	1.54560	1.42994
4215860.65	2.54998	2.37583	2.21186	2.05391	1.90365	1.76293	1.63200	1.51099	1.40047
4215840.65	2.44522	2.28978	2.13377	1.98812	1.84820	1.71590	1.59212	1.47739	1.37224
4215820.65	2.35549	2.20427	2.06383	1.92532	1.79443	1.67048	1.55342	1.44470	1.34480
4215800.65	2.26411	2.13082	1.99439	1.86484	1.74324	1.62660	1.51628	1.41288	1.31773
4215780.65	2.18604	2.05522	1.93352	1.81004	1.69313	1.58378	1.47983	1.38188	1.29129
4215760.65	2.10993	1.98355	1.87080	1.75492	1.64771	1.54433	1.44561	1.35251	1.26546
4215740.65	2.03405	1.92720	1.81093	1.70760	1.60666	1.50882	1.41487	1.32566	1.24046
4215720.65	1.96253	1.86327	1.76368	1.65749	1.56308	1.47114	1.38245	1.29781	1.21784
4215700.65	1.89727	1.80222	1.70981	1.61824	1.52656	1.43972	1.35099	1.27064	1.19455
4215680.65	1.83248	1.74385	1.65808	1.57274	1.48820	1.40614	1.32483	1.24428	1.17171
4215660.65	1.77068	1.69103	1.60877	1.52880	1.44969	1.37216	1.29486	1.21842	1.14930

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  4215640.65 |       1.71431      1.63842      1.56348      1.48633      1.41231      1.33907      1.26730
1.19304      1.12734
  4215620.65 |       1.65832      1.58964      1.51775      1.44735      1.37601      1.30683      1.23876
1.16810      1.10569
  4215600.65 |       1.60713      1.54106      1.47367      1.40799      1.34250      1.27578      1.21158
1.14911      1.08904
  4215580.65 |       1.55617      1.49439      1.43330      1.37034      1.30857      1.24547      1.18497
1.12583      1.06874
  4215560.65 |       1.50734      1.45132      1.39317      1.33521      1.27559      1.21758      1.15921
1.10294      1.04872
  4215540.65 |       1.46196      1.40853      1.35542      1.29981      1.24494      1.18942      1.13506
1.08042      1.02897
  4215520.65 |       1.41736      1.36903      1.31788      1.26667      1.21409      1.16271      1.11028
1.05976      1.01030
  4215500.65 |       1.37595      1.32967      1.28165      1.23375      1.18546      1.13579      1.08603
1.03824      0.99129
  4215480.65 |       1.33505      1.29176      1.24781      1.20234      1.15657      1.10954      1.06343
1.01709      0.97226
  4215460.65 |       1.29575      1.25612      1.21427      1.17237      1.12850      1.08487      1.04044
0.99727      0.95380
  4215440.65 |       1.25861      1.22115      1.18301      1.14267      1.10194      1.06017      1.01907
0.97711      0.93607
  4215420.65 |       1.22248      1.18790      1.15188      1.11441      1.07566      1.03704      0.99729
0.95790      0.91838
  4215400.65 |       1.18774      1.15604      1.12213      1.08671      1.05013      1.01375      0.97602
0.93870      0.90173
  4215380.65 |       1.15521      1.12486      1.09319      1.05987      1.02624      0.99107      0.95579
0.91990      0.88478
  4215360.65 |       1.12319      1.09511      1.06523      1.03461      1.00228      0.96937      0.93565
0.90224      0.86813
  4215340.65 |       1.09237      1.06624      1.03840      1.00951      0.97925      0.94799      0.91662
0.88434      0.85210
  4215320.65 |       1.06188      1.03798      1.01238      0.98533      0.95675      0.92680      0.89682
0.86615      0.83587
  4215300.65 |       1.03249      1.01072      0.98683      0.96186      0.93489      0.90679      0.87785
0.84833      0.81960
  4215280.65 |       1.00458      0.98440      0.96250      0.93912      0.91345      0.88679      0.85894
0.83086      0.80398
  4215260.65 |       0.97723      0.95856      0.93859      0.91707      0.89292      0.86732      0.84086
0.81375      0.78865
  4215240.65 |       0.95130      0.93402      0.91546      0.89537      0.87263      0.84836      0.82321
0.79738      0.77362
  4215220.65 |       0.92672      0.91071      0.89307      0.87397      0.85293      0.82990      0.80637
0.78234      0.75965
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 235
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                               INCLUDING SOURCE(S):     L0000423    , L0000424    , L0000425    , L0000426    ,
L0000427    ,
                L0000428    , L0000429    , L0000430    , L0000431    , L0000432    , L0000433    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539105.17    539125.17    539145.17    539165.17    539185.17    539205.17    539225.17
539245.17    539265.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.90298      0.88778      0.87138      0.85319      0.83341      0.81222      0.79004
```

0.76716 0.74563
4215180.65 | 0.88006 0.86600 0.85039 0.83339 0.81481 0.79480 0.77411
0.75268 0.73213
4215160.65 | 0.85790 0.84456 0.82968 0.81380 0.79634 0.77784 0.75819
0.73826 0.71875
4215140.65 | 0.83649 0.82382 0.80998 0.79478 0.77838 0.76134 0.74340
0.72450 0.70565
4215120.65 | 0.81579 0.80410 0.79089 0.77630 0.76131 0.74528 0.72834
0.71100 0.69298
4215100.65 | 0.79577 0.78469 0.77240 0.75876 0.74432 0.72963 0.71402
0.69759 0.68017
4215080.65 | 0.77640 0.76620 0.75447 0.74134 0.72818 0.71440 0.70004
0.68450 0.66794
4215060.65 | 0.75743 0.74800 0.73709 0.72442 0.71211 0.69957 0.68606
0.67169 0.65598
4215040.65 | 0.73909 0.73038 0.72024 0.70876 0.69725 0.68548 0.67276
0.65917 0.64426
4215020.65 | 0.72114 0.71333 0.70390 0.69353 0.68312 0.67207 0.66007
0.64722 0.63279

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1
***
INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 ,
L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 539285.17 539305.17 539325.17 539345.17 539365.17 539385.17 539405.17
539425.17 539445.17
- -
- - - - - - - -

4216000.65 | 1.50687 1.39546 1.29768 1.21136 1.13471 1.06628 1.00524
0.95005 0.89985
4215980.65 | 1.47218 1.36372 1.26833 1.18421 1.10927 1.04235 0.98257
0.92874 0.87978
4215960.65 | 1.43956 1.33402 1.24095 1.15874 1.08558 1.02020 0.96162
0.90879 0.86091
4215940.65 | 1.40881 1.30617 1.21562 1.13523 1.06358 0.99962 0.94200
0.89005 0.84312
4215920.65 | 1.37965 1.27994 1.19168 1.11331 1.04330 0.98053 0.92392
0.87274 0.82652
4215900.65 | 1.35191 1.25515 1.16917 1.09282 1.02424 0.96279 0.90705
0.85670 0.81111
4215880.65 | 1.32540 1.23190 1.14817 1.07359 1.00644 0.94602 0.89138
0.84184 0.79703
4215860.65 | 1.30021 1.20997 1.12850 1.05547 0.98959 0.93035 0.87668
0.82806 0.78390
4215840.65 | 1.27620 1.18871 1.10977 1.03832 0.97387 0.91565 0.86296
0.81525 0.77184
4215820.65 | 1.25264 1.16845 1.09164 1.02202 0.95883 0.90179 0.85020
0.80328 0.76053
4215800.65 | 1.22972 1.14857 1.07438 1.00643 0.94470 0.88868 0.83805
0.79206 0.74997
4215780.65 | 1.20681 1.12901 1.05727 0.99124 0.93103 0.87620 0.82655
0.78137 0.73996
4215760.65 | 1.18465 1.10990 1.04041 0.97636 0.91770 0.86410 0.81560
0.77112 0.73051

```
  4215740.65 |       1.16295      1.09118      1.02414      0.96206      0.90498      0.85263      0.80513
0.76146      0.72154
  4215720.65 |       1.14202      1.07280      1.00818      0.94809      0.89260      0.84153      0.79492
0.75222      0.71299
  4215700.65 |       1.12136      1.05473      0.99250      0.93438      0.88069      0.83091      0.78533
0.74334      0.70480
  4215680.65 |       1.10296      1.03733      0.97713      0.92110      0.86902      0.82070      0.77616
0.73488      0.69692
  4215660.65 |       1.08358      1.02135      0.96208      0.90798      0.85753      0.81069      0.76706
0.72666      0.68930
  4215640.65 |       1.06442      1.00471      0.94835      0.89500      0.84637      0.80084      0.75829
0.71865      0.68201
  4215620.65 |       1.04565      0.98832      0.93417      0.88319      0.83518      0.79111      0.74953
0.71080      0.67480
  4215600.65 |       1.03099      0.97531      0.92212      0.87081      0.82406      0.78121      0.74075
0.70296      0.66773
  4215580.65 |       1.01333      0.95995      0.90883      0.85860      0.81386      0.77130      0.73195
0.69498      0.66044
  4215560.65 |       0.99589      0.94477      0.89560      0.84872      0.80310      0.76230      0.72376
0.68749      0.65356
  4215540.65 |       0.97864      0.92975      0.88250      0.83723      0.79440      0.75298      0.71548
0.68011      0.64693
  4215520.65 |       0.96212      0.91517      0.86951      0.82585      0.78438      0.74515      0.70729
0.67281      0.64039
  4215500.65 |       0.94517      0.90017      0.85636      0.81446      0.77440      0.73636      0.70038
0.66658      0.63466
  4215480.65 |       0.92840      0.88545      0.84323      0.80310      0.76452      0.72763      0.69264
0.65954      0.62858
  4215460.65 |       0.91180      0.87061      0.83068      0.79176      0.75460      0.71895      0.68496
0.65273      0.62233
  4215440.65 |       0.89540      0.85585      0.81770      0.78075      0.74468      0.71031      0.67730
0.64594      0.61630
  4215420.65 |       0.88006      0.84172      0.80499      0.76957      0.73499      0.70170      0.66963
0.63914      0.61021
  4215400.65 |       0.86450      0.82773      0.79258      0.75841      0.72516      0.69297      0.66195
0.63234      0.60416
  4215380.65 |       0.84916      0.81448      0.78026      0.74749      0.71535      0.68419      0.65417
0.62552      0.59811
  4215360.65 |       0.83450      0.80095      0.76853      0.73644      0.70555      0.67552      0.64660
0.61868      0.59204
  4215340.65 |       0.81976      0.78818      0.75656      0.72581      0.69559      0.66669      0.63880
0.61193      0.58601
  4215320.65 |       0.80525      0.77484      0.74497      0.71522      0.68650      0.65818      0.63123
0.60520      0.58001
  4215300.65 |       0.79100      0.76194      0.73336      0.70511      0.67710      0.64970      0.62368
0.59847      0.57403
  4215280.65 |       0.77678      0.74947      0.72188      0.69478      0.66776      0.64154      0.61643
0.59191      0.56807
  4215260.65 |       0.76279      0.73703      0.71096      0.68456      0.65869      0.63323      0.60900
0.58527      0.56214
  4215240.65 |       0.74936      0.72478      0.69984      0.67456      0.64957      0.62528      0.60163
0.57853      0.55614
  4215220.65 |       0.73643      0.71287      0.68891      0.66461      0.64079      0.61714      0.59415
0.57192      0.55008
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 237
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                                INCLUDING SOURCE(S):     L0000423    , L0000424    , L0000425    , L0000426    ,
L0000427    ,
                L0000428    , L0000429    , L0000430    , L0000431    , L0000432    , L0000433    ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
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** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	0.72355	0.70107	0.67814	0.65478	0.63189	0.60905	0.58686	0.56525	0.54400
4215180.65	0.71101	0.68949	0.66752	0.64533	0.62307	0.60110	0.57962	0.55859	0.53801
4215160.65	0.69865	0.67811	0.65726	0.63577	0.61436	0.59318	0.57246	0.55194	0.53189
4215140.65	0.68652	0.66668	0.64657	0.62612	0.60576	0.58533	0.56535	0.54549	0.52605
4215120.65	0.67434	0.65544	0.63600	0.61664	0.59707	0.57758	0.55826	0.53909	0.52036
4215100.65	0.66252	0.64413	0.62581	0.60728	0.58846	0.56991	0.55127	0.53273	0.51460
4215080.65	0.65085	0.63299	0.61553	0.59783	0.58018	0.56228	0.54435	0.52653	0.50887
4215060.65	0.63941	0.62231	0.60539	0.58871	0.57181	0.55478	0.53742	0.52027	0.50312
4215040.65	0.62849	0.61227	0.59592	0.57996	0.56354	0.54702	0.53047	0.51385	0.49746
4215020.65	0.61778	0.60231	0.58675	0.57116	0.55537	0.53931	0.52342	0.50754	0.49170

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1   ***

INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   , L0000427   ,
L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	0.85415	0.81224	0.77370	0.73816	0.70531	0.67485	0.64658	0.62025	0.59555
4215980.65	0.83525	0.79450	0.75701	0.72242	0.69047	0.66088	0.63337	0.60777	0.58379
4215960.65	0.81733	0.77751	0.74102	0.70735	0.67621	0.64736	0.62058	0.59564	0.57229
4215940.65	0.80038	0.76147	0.72579	0.69295	0.66256	0.63440	0.60827	0.58393	0.56116
4215920.65	0.78453	0.74638	0.71141	0.67921	0.64954	0.62203	0.59647	0.57269	0.55045
4215900.65	0.76978	0.73226	0.69789	0.66628	0.63719	0.61026	0.58523	0.56195	0.54019
4215880.65	0.75627	0.71919	0.68528	0.65415	0.62554	0.59911	0.57457	0.55174	0.53045
4215860.65	0.74370	0.70710	0.67361	0.64285	0.61464	0.58857	0.56448	0.54207	0.52117

```
  4215840.65 |       0.73217      0.69593      0.66276      0.63235      0.60445      0.57875      0.55499
0.53293      0.51239
  4215820.65 |       0.72149      0.68568      0.65281      0.62271      0.59504      0.56963      0.54613
0.52433      0.50409
  4215800.65 |       0.71155      0.67613      0.64363      0.61377      0.58635      0.56118      0.53791
0.51632      0.49631
  4215780.65 |       0.70203      0.66708      0.63497      0.60542      0.57834      0.55338      0.53027
0.50890      0.48906
  4215760.65 |       0.69316      0.65869      0.62697      0.59775      0.57092      0.54613      0.52325
0.50204      0.48235
  4215740.65 |       0.68477      0.65078      0.61948      0.59059      0.56404      0.53947      0.51677
0.49571      0.47612
  4215720.65 |       0.67680      0.64330      0.61241      0.58388      0.55756      0.53330      0.51078
0.48987      0.47040
  4215700.65 |       0.66920      0.63619      0.60581      0.57764      0.55161      0.52760      0.50528
0.48452      0.46516
  4215680.65 |       0.66190      0.62948      0.59952      0.57179      0.54607      0.52231      0.50019
0.47959      0.46036
  4215660.65 |       0.65487      0.62295      0.59351      0.56615      0.54082      0.51732      0.49542
0.47500      0.45590
  4215640.65 |       0.64809      0.61676      0.58774      0.56082      0.53580      0.51258      0.49091
0.47069      0.45174
  4215620.65 |       0.64149      0.61069      0.58218      0.55570      0.53100      0.50805      0.48662
0.46660      0.44783
  4215600.65 |       0.63495      0.60478      0.57672      0.55062      0.52625      0.50359      0.48243
0.46264      0.44407
  4215580.65 |       0.62824      0.59903      0.57142      0.54562      0.52165      0.49929      0.47840
0.45880      0.44047
  4215560.65 |       0.62188      0.59302      0.56625      0.54084      0.51720      0.49513      0.47444
0.45513      0.43702
  4215540.65 |       0.61588      0.58750      0.56073      0.53618      0.51288      0.49109      0.47066
0.45158      0.43368
  4215520.65 |       0.60998      0.58191      0.55577      0.53162      0.50866      0.48711      0.46699
0.44814      0.43045
  4215500.65 |       0.60442      0.57675      0.55083      0.52680      0.50447      0.48328      0.46342
0.44479      0.42726
  4215480.65 |       0.59889      0.57176      0.54619      0.52221      0.50008      0.47954      0.45994
0.44149      0.42421
  4215460.65 |       0.59337      0.56669      0.54160      0.51791      0.49588      0.47555      0.45653
0.43831      0.42123
  4215440.65 |       0.58784      0.56165      0.53694      0.51377      0.49199      0.47194      0.45282
0.43520      0.41832
  4215420.65 |       0.58299      0.55717      0.53277      0.50967      0.48825      0.46818      0.44961
0.43215      0.41548
  4215400.65 |       0.57742      0.55210      0.52819      0.50586      0.48463      0.46488      0.44617
0.42886      0.41264
  4215380.65 |       0.57200      0.54726      0.52389      0.50195      0.48102      0.46150      0.44307
0.42569      0.40960
  4215360.65 |       0.56659      0.54238      0.51952      0.49802      0.47732      0.45813      0.43990
0.42277      0.40668
  4215340.65 |       0.56113      0.53754      0.51513      0.49392      0.47369      0.45477      0.43684
0.41987      0.40400
  4215320.65 |       0.55577      0.53267      0.51070      0.48990      0.47020      0.45166      0.43392
0.41716      0.40150
  4215300.65 |       0.55042      0.52776      0.50630      0.48590      0.46655      0.44816      0.43075
0.41443      0.39900
  4215280.65 |       0.54498      0.52295      0.50184      0.48190      0.46290      0.44488      0.42782
0.41169      0.39650
  4215260.65 |       0.53970      0.51803      0.49748      0.47783      0.45926      0.44159      0.42482
0.40906      0.39397
  4215240.65 |       0.53436      0.51323      0.49313      0.47386      0.45552      0.43826      0.42180
0.40615      0.39137
  4215220.65 |       0.52895      0.50841      0.48867      0.46990      0.45190      0.43492      0.41869
0.40332      0.38888
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***

INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	0.52349	0.50358	0.48432	0.46584	0.44830	0.43150	0.41563	0.40050	0.38615
4215180.65	0.51800	0.49867	0.47999	0.46192	0.44458	0.42817	0.41247	0.39767	0.38353
4215160.65	0.51247	0.49381	0.47563	0.45801	0.44100	0.42476	0.40943	0.39475	0.38088
4215140.65	0.50720	0.48892	0.47119	0.45405	0.43744	0.42151	0.40643	0.39197	0.37833
4215120.65	0.50194	0.48417	0.46684	0.45002	0.43384	0.41823	0.40340	0.38920	0.37576
4215100.65	0.49671	0.47934	0.46249	0.44603	0.43022	0.41492	0.40035	0.38640	0.37316
4215080.65	0.49148	0.47462	0.45813	0.44202	0.42656	0.41159	0.39728	0.38359	0.37054
4215060.65	0.48631	0.46988	0.45377	0.43806	0.42288	0.40828	0.39422	0.38075	0.36791
4215040.65	0.48110	0.46521	0.44947	0.43419	0.41938	0.40503	0.39119	0.37795	0.36529
4215020.65	0.47610	0.46048	0.44524	0.43033	0.41586	0.40175	0.38820	0.37517	0.36270

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***

INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	0.57240	0.55072	0.53029	0.51105	0.49295
4215980.65	0.56136	0.54027	0.52045	0.50184	0.48422
4215960.65	0.55046	0.52995	0.51068	0.49264	0.47558
4215940.65	0.53988	0.51990	0.50117	0.48355	0.46700
4215920.65	0.52967	0.51016	0.49189	0.47475	0.45861
4215900.65	0.51987	0.50079	0.48293	0.46622	0.45050
4215880.65	0.51056	0.49188	0.47440	0.45801	0.44262

```
  4215860.65 |       0.50167      0.48337      0.46623      0.45016      0.43505
  4215840.65 |       0.49321      0.47525      0.45843      0.44262      0.42775
  4215820.65 |       0.48520      0.46754      0.45100      0.43544      0.42082
  4215800.65 |       0.47768      0.46026      0.44395      0.42864      0.41423
  4215780.65 |       0.47062      0.45340      0.43730      0.42219      0.40802
  4215760.65 |       0.46403      0.44699      0.43105      0.41612      0.40212
  4215740.65 |       0.45794      0.44101      0.42522      0.41042      0.39656
  4215720.65 |       0.45233      0.43549      0.41977      0.40510      0.39134
  4215700.65 |       0.44718      0.43041      0.41478      0.40017      0.38649
  4215680.65 |       0.44246      0.42576      0.41017      0.39560      0.38198
  4215660.65 |       0.43811      0.42148      0.40594      0.39140      0.37783
  4215640.65 |       0.43407      0.41753      0.40204      0.38755      0.37398
  4215620.65 |       0.43029      0.41386      0.39845      0.38399      0.37045
  4215600.65 |       0.42669      0.41039      0.39508      0.38068      0.36719
  4215580.65 |       0.42328      0.40712      0.39192      0.37761      0.36417
  4215560.65 |       0.42001      0.40398      0.38894      0.37472      0.36136
  4215540.65 |       0.41682      0.40100      0.38608      0.37198      0.35869
  4215520.65 |       0.41378      0.39813      0.38336      0.36938      0.35622
  4215500.65 |       0.41083      0.39535      0.38073      0.36691      0.35386
  4215480.65 |       0.40795      0.39265      0.37818      0.36452      0.35159
  4215460.65 |       0.40516      0.38998      0.37571      0.36219      0.34941
  4215440.65 |       0.40243      0.38742      0.37329      0.35994      0.34729
  4215420.65 |       0.39972      0.38491      0.37094      0.35773      0.34520
  4215400.65 |       0.39711      0.38247      0.36863      0.35553      0.34316
  4215380.65 |       0.39455      0.38007      0.36634      0.35341      0.34116
  4215360.65 |       0.39177      0.37771      0.36413      0.35133      0.33920
  4215340.65 |       0.38927      0.37540      0.36197      0.34929      0.33729
  4215320.65 |       0.38692      0.37320      0.35991      0.34736      0.33547
  4215300.65 |       0.38459      0.37101      0.35788      0.34546      0.33368
  4215280.65 |       0.38225      0.36883      0.35586      0.34358      0.33192
  4215260.65 |       0.37991      0.36666      0.35385      0.34171      0.33017
  4215240.65 |       0.37744      0.36428      0.35181      0.33982      0.32842
  4215220.65 |       0.37498      0.36189      0.34956      0.33790      0.32664
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 241
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                               INCLUDING SOURCE(S):     L0000423    , L0000424    , L0000425    , L0000426    ,
L0000427    ,
                 L0000428    , L0000429    , L0000430    , L0000431    , L0000432    , L0000433    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539645.17    539665.17    539685.17    539705.17    539725.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.37260      0.35961      0.34746      0.33596      0.32482
  4215180.65 |       0.37006      0.35733      0.34528      0.33382      0.32303
  4215160.65 |       0.36764      0.35506      0.34316      0.33179      0.32107
  4215140.65 |       0.36530      0.35286      0.34107      0.32987      0.31929
  4215120.65 |       0.36293      0.35068      0.33901      0.32798      0.31739
  4215100.65 |       0.36053      0.34847      0.33691      0.32602      0.31559
  4215080.65 |       0.35811      0.34624      0.33479      0.32403      0.31376
  4215060.65 |       0.35566      0.34398      0.33264      0.32206      0.31191
  4215040.65 |       0.35321      0.34169      0.33070      0.32018      0.31019
  4215020.65 |       0.35077      0.33941      0.32857      0.31821      0.30829
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***

INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.77994	539351.84	4215428.70	0.76222
539361.84	4215428.70	0.74476	539371.84	4215428.70	0.72759
539381.84	4215428.70	0.71075	539341.84	4215438.70	0.78532
539351.84	4215438.70	0.76731	539361.84	4215438.70	0.74960
539371.84	4215438.70	0.73219	539381.84	4215438.70	0.71510
539341.84	4215448.70	0.79112	539351.84	4215448.70	0.77273
539361.84	4215448.70	0.75465	539371.84	4215448.70	0.73690
539381.84	4215448.70	0.71951	539341.84	4215458.70	0.79693
539351.84	4215458.70	0.77814	539361.84	4215458.70	0.75970
539371.84	4215458.70	0.74162	539381.84	4215458.70	0.72393
539341.84	4215468.70	0.80274	539351.84	4215468.70	0.78356
539361.84	4215468.70	0.76475	539371.84	4215468.70	0.74634
539381.84	4215468.70	0.72835	539113.88	4215517.52	1.39001
539096.52	4215515.99	1.42743	539108.26	4215501.18	1.36903
539096.01	4215500.67	1.39588	539108.26	4215486.38	1.33981
539094.47	4215485.36	1.36643	539135.32	4215461.36	1.23667
539150.13	4215439.91	1.17190	539114.39	4215452.68	1.26306
539123.07	4215439.40	1.22307	539159.32	4215421.02	1.12601
539145.02	4215416.43	1.14560	539134.30	4215410.81	1.15634
539131.75	4215425.11	1.18324	539206.80	4215383.75	0.99165
539215.99	4215372.52	0.96348	539188.93	4215382.22	1.02151
539176.17	4215379.67	1.04027	539165.44	4215376.09	1.05357
539248.79	4215356.71	0.89253	539243.45	4215348.45	0.89400
539265.58	4215345.25	0.85515	539260.78	4215338.05	0.85702
539256.25	4215351.38	0.87553	539272.77	4215331.92	0.83301
539264.78	4215324.99	0.83989	539280.77	4215321.79	0.81264

539279.97	4215307.14	0.80323	539287.97	4215313.80	0.79600
539297.83	4215304.74	0.77525	539289.56	4215296.21	0.78154
539311.15	4215287.68	0.74562	539303.69	4215281.28	0.75191
539303.69	4215296.21	0.76126	539314.25	4215271.79	0.73183
539329.09	4215260.48	0.70560	539339.69	4215237.16	0.67967
539357.36	4215232.92	0.65574	539394.11	4215199.70	0.59870
539044.99	4215579.21	1.71310	539034.39	4215591.93	1.78023
539054.88	4215556.59	1.62433	539058.42	4215538.92	1.56729
539054.88	4215520.55	1.52543	539082.44	4215477.44	1.37242
539073.96	4215466.13	1.36282	539098.70	4215440.69	1.27024
539109.30	4215426.56	1.22598	539117.07	4215415.96	1.19442
539125.55	4215401.11	1.15601	539158.77	4215367.19	1.05302
539150.29	4215357.30	1.05308	539184.21	4215339.63	0.97954
539222.37	4215324.79	0.90520	539243.58	4215317.72	0.86587

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***
INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.62179	539364.42	4215191.93	0.62885
539344.64	4215200.41	0.65538	539409.65	4215113.48	0.55147
539355.94	4215136.80	0.61336	539262.66	4215288.75	0.81380
539282.44	4215261.19	0.76678	539299.41	4215235.04	0.72834
539168.92	4215647.77	1.48699	538947.70	4216163.58	15.27764
539352.12	4215798.21	0.98242	539367.62	4215566.76	0.80122
539278.26	4215504.64	0.96453	539297.51	4215494.11	0.91222
539323.66	4215486.12	0.84999	539342.55	4215482.85	0.80955
539367.23	4215481.23	0.76090	539397.77	4215487.94	0.70831
539352.73	4215556.41	0.82929	539337.83	4215546.05	0.85683

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	1.06394	1.14422	1.23308	1.33544	1.44548	1.57179	1.71801	1.88954	2.09317
4215980.65	1.04733	1.12248	1.20999	1.30661	1.41227	1.53324	1.67280	1.84070	2.03200
4215960.65	1.02943	1.10326	1.18688	1.28056	1.38234	1.49848	1.63185	1.79085	1.97455
4215940.65	1.01265	1.08373	1.16497	1.25456	1.35267	1.46429	1.59190	1.74093	1.91721
4215920.65	0.99575	1.06456	1.14253	1.22990	1.32455	1.43191	1.55412	1.69495	1.86223
4215900.65	0.97907	1.04569	1.11944	1.20465	1.29587	1.39902	1.51598	1.65155	1.80938
4215880.65	0.96256	1.02614	1.09835	1.18014	1.26807	1.36721	1.48139	1.61078	1.75962
4215860.65	0.94625	1.00785	1.07760	1.15633	1.24265	1.33813	1.44761	1.57368	1.71517
4215840.65	0.92956	0.98988	1.05730	1.13215	1.21628	1.31136	1.41669	1.53735	1.66992
4215820.65	0.91368	0.97225	1.03745	1.10969	1.19212	1.28334	1.38639	1.49969	1.62613
4215800.65	0.89791	0.95494	1.01807	1.08781	1.16694	1.25594	1.35468	1.46511	1.58373
4215780.65	0.88263	0.93779	0.99849	1.06650	1.14159	1.22538	1.31913	1.42337	1.53611
4215760.65	0.86744	0.92062	0.97981	1.04576	1.11721	1.19742	1.28544	1.38455	1.49350
4215740.65	0.85245	0.90417	0.96205	1.02553	1.09441	1.16973	1.25383		

1.34796 1.45127
4215720.65 | 0.83709 0.88796 0.94406 1.00524 1.07125 1.14362 1.22335
1.31337 1.41276
4215700.65 | 0.82259 0.87201 0.92656 0.98560 1.04890 1.11846 1.19490
1.28012 1.37568
4215680.65 | 0.80829 0.85647 0.90844 0.96651 1.02759 1.09453 1.16791
1.24958 1.34169
4215660.65 | 0.79447 0.84099 0.89157 0.94759 1.00653 1.07097 1.14147
1.21980 1.30797
4215640.65 | 0.78068 0.82534 0.87473 0.92915 0.98605 1.04812 1.11589
1.19084 1.27448
4215620.65 | 0.76663 0.81043 0.85829 0.91075 0.96568 1.02459 1.08971
1.16288 1.24284
4215600.65 | 0.75302 0.79571 0.84205 0.89202 0.94501 1.00259 1.06526
1.13432 1.21233
4215580.65 | 0.73948 0.78121 0.82604 0.87436 0.92551 0.98101 1.04132
1.10797 1.18233
4215560.65 | 0.72606 0.76662 0.80994 0.85703 0.90640 0.95990 1.01795
1.08204 1.15341
4215540.65 | 0.71285 0.75162 0.79426 0.84039 0.88808 0.93966 0.99557
1.05688 1.12542
4215520.65 | 0.69994 0.73758 0.77895 0.82362 0.86965 0.91937 0.97320
1.03254 1.09847
4215500.65 | 0.68672 0.72391 0.76402 0.80729 0.85173 0.90047 0.95322
1.01045 1.07343
4215480.65 | 0.67440 0.71051 0.74941 0.79059 0.83496 0.88204 0.93293
0.98897 1.04902
4215460.65 | 0.66216 0.69720 0.73489 0.77472 0.81757 0.86375 0.91365
0.96685 1.02465
4215440.65 | 0.64978 0.68373 0.71953 0.75866 0.80074 0.84528 0.89335
0.94540 1.00006
4215420.65 | 0.63708 0.66929 0.70449 0.74224 0.78278 0.82563 0.87264
0.92264 0.97501
4215400.65 | 0.62404 0.65514 0.68910 0.72547 0.76373 0.80562 0.85075
0.89864 0.94863
4215380.65 | 0.61020 0.64081 0.67353 0.70853 0.74527 0.78546 0.82870
0.87448 0.92210
4215360.65 | 0.59698 0.62650 0.65801 0.69094 0.72687 0.76537 0.80673
0.84953 0.89474
4215340.65 | 0.58393 0.61237 0.64200 0.67424 0.70866 0.74548 0.78415
0.82569 0.86860
4215320.65 | 0.57110 0.59845 0.62687 0.65777 0.68998 0.72435 0.76191
0.80056 0.84208
4215300.65 | 0.55846 0.58412 0.61195 0.64152 0.67159 0.70435 0.73938
0.77612 0.81560
4215280.65 | 0.54541 0.57059 0.59726 0.62557 0.65431 0.68493 0.71766
0.75277 0.79139
4215260.65 | 0.53314 0.55731 0.58290 0.60944 0.63700 0.66568 0.69711
0.73088 0.76811
4215240.65 | 0.52114 0.54441 0.56907 0.59466 0.62128 0.64903 0.67877
0.71150 0.74756
4215220.65 | 0.50959 0.53210 0.55541 0.58083 0.60670 0.63437 0.66336
0.69594 0.73093

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215200.65	0.49865	0.52056	0.54328	0.56807	0.59331	0.62094	0.64983	0.68073	0.71444
4215180.65	0.48849	0.50939	0.53215	0.55637	0.58158	0.60845	0.63704	0.66679	0.69832
4215160.65	0.47867	0.49965	0.52191	0.54552	0.56999	0.59649	0.62393	0.65290	0.68219
4215140.65	0.47013	0.49065	0.51232	0.53467	0.55877	0.58414	0.61081	0.63825	0.66588
4215120.65	0.46217	0.48213	0.50309	0.52458	0.54761	0.57173	0.59645	0.62287	0.64945
4215100.65	0.45455	0.47381	0.49346	0.51444	0.53632	0.55916	0.58251	0.60747	0.63256
4215080.65	0.44699	0.46501	0.48418	0.50411	0.52485	0.54599	0.56856	0.59220	0.61652
4215060.65	0.43933	0.45650	0.47471	0.49361	0.51282	0.53331	0.55475	0.57725	0.60045
4215040.65	0.43107	0.44778	0.46507	0.48301	0.50127	0.52078	0.54125	0.56231	0.58501
4215020.65	0.42303	0.43891	0.45536	0.47205	0.48988	0.50855	0.52818	0.54842	0.57028

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	2.33204	2.61626	2.95059	3.34763	3.82429	4.39994	5.11342	5.98911	7.09498
4215980.65	2.25619	2.51920	2.82392	3.18407	3.61213	4.12680	4.75418	5.51397	6.45814
4215960.65	2.18440	2.42858	2.70913	3.03790	3.42518	3.88641	4.43944	5.10872	5.92465
4215940.65	2.11636	2.34380	2.60316	2.90479	3.25720	3.67070	4.16752		

4.75938 5.47203
4215920.65 | 2.05205 2.26305 2.50500 2.78302 3.10544 3.48075 3.92787
4.45547 5.07993
4215900.65 | 1.98684 2.18978 2.41488 2.67273 2.96974 3.31288 3.71524
4.18902 4.74429
4215880.65 | 1.92872 2.11860 2.33125 2.57204 2.84780 3.16442 3.52542
3.95118 4.45143
4215860.65 | 1.87081 2.05025 2.24855 2.47404 2.73104 3.02612 3.36254
3.74251 4.19416
4215840.65 | 1.81867 1.98503 2.17162 2.38298 2.62286 2.89820 3.21113
3.56402 3.96674
4215820.65 | 1.76533 1.92392 2.10001 2.29874 2.52340 2.77766 3.07215
3.40050 3.76704
4215800.65 | 1.71617 1.86444 2.03089 2.21815 2.42914 2.66706 2.94428
3.25126 3.59422
4215780.65 | 1.66413 1.80733 1.96501 2.14459 2.34354 2.57015 2.82749
3.11406 3.43460
4215760.65 | 1.61504 1.75097 1.90454 2.07476 2.26541 2.47925 2.72115
2.98863 3.28905
4215740.65 | 1.56771 1.69840 1.84535 2.00828 2.18889 2.39352 2.61981
2.87248 3.15438
4215720.65 | 1.52326 1.64842 1.78754 1.94357 2.11846 2.31229 2.52450
2.76392 3.02982
4215700.65 | 1.48220 1.59943 1.73261 1.88308 2.04923 2.23315 2.43442
2.65979 2.91232
4215680.65 | 1.44284 1.55443 1.68054 1.82295 1.98005 2.15594 2.34688
2.56086 2.80096
4215660.65 | 1.40435 1.51141 1.63113 1.76580 1.91506 2.08347 2.26475
2.46806 2.69660
4215640.65 | 1.36755 1.46999 1.58411 1.70990 1.85308 2.01363 2.18569
2.37879 2.59621
4215620.65 | 1.33225 1.43064 1.53787 1.65878 1.79429 1.94466 2.10798
2.29130 2.49797
4215600.65 | 1.29777 1.39222 1.49505 1.60995 1.73851 1.88108 2.03620
2.21031 2.40673
4215580.65 | 1.26456 1.35362 1.45339 1.56347 1.68543 1.82072 1.96820
2.13361 2.32025
4215560.65 | 1.23098 1.31766 1.41291 1.51817 1.63368 1.76330 1.90368
2.06100 2.23844
4215540.65 | 1.19986 1.28273 1.37397 1.47365 1.58503 1.70881 1.84257
1.99237 2.16122
4215520.65 | 1.16995 1.24925 1.33690 1.43214 1.53879 1.65694 1.78448
1.92719 2.08792
4215500.65 | 1.14223 1.21759 1.30023 1.39273 1.49475 1.60658 1.72828
1.86433 2.01746
4215480.65 | 1.11433 1.18678 1.26625 1.35477 1.45261 1.55965 1.67598
1.80594 1.95209
4215460.65 | 1.08760 1.15631 1.23263 1.31757 1.41129 1.51365 1.62470
1.74862 1.88781
4215440.65 | 1.06049 1.12535 1.19861 1.28008 1.36852 1.46741 1.57302
1.69061 1.82239
4215420.65 | 1.03187 1.09374 1.16349 1.24028 1.32594 1.42030 1.52014
1.63097 1.75470
4215400.65 | 1.00281 1.06163 1.12793 1.20035 1.28227 1.37127 1.46496
1.56857 1.68376
4215380.65 | 0.97359 1.02830 1.09104 1.16060 1.23665 1.32069 1.40823
1.50474 1.61171
4215360.65 | 0.94351 0.99620 1.05551 1.12118 1.19285 1.26994 1.35162
1.44152 1.54102
4215340.65 | 0.91479 0.96462 1.02070 1.08281 1.14929 1.22337 1.30039
1.38513 1.47874
4215320.65 | 0.88584 0.93405 0.98731 1.04635 1.10956 1.17998 1.25445
1.33473 1.42451
4215300.65 | 0.85814 0.90411 0.95602 1.01141 1.07293 1.14007 1.21076
1.28784 1.37181
4215280.65 | 0.83220 0.87731 0.92623 0.98040 1.03922 1.10302 1.16973
1.24306 1.32220
4215260.65 | 0.80834 0.85276 0.89984 0.95171 1.00764 1.06676 1.13130
1.19936 1.27234

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
                L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
                L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                    *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
 -
- - - - - - - -

  4215200.65 | 0.74960   0.78771   0.82808   0.87079   0.91678   0.96549   1.01723
1.07156   1.13086
  4215180.65 | 0.73168   0.76689   0.80473   0.84464   0.88758   0.93309   0.98072
1.03259   1.08849
  4215160.65 | 0.71299   0.74603   0.78079   0.81885   0.85913   0.90194   0.94688
0.99596   1.04901
  4215140.65 | 0.69485   0.72590   0.75857   0.79443   0.83179   0.87160   0.91501
0.96175   1.01232
  4215120.65 | 0.67732   0.70663   0.73754   0.77092   0.80644   0.84371   0.88516
0.92984   0.97747
  4215100.65 | 0.65947   0.68727   0.71726   0.74851   0.78183   0.81752   0.85724
0.90007   0.94570
  4215080.65 | 0.64213   0.66919   0.69733   0.72729   0.75868   0.79297   0.83112
0.87159   0.91601
  4215060.65 | 0.62544   0.65191   0.67896   0.70725   0.73750   0.76993   0.80663
0.84552   0.88815
  4215040.65 | 0.60903   0.63449   0.66056   0.68837   0.71756   0.74941   0.78475
0.82217   0.86311
  4215020.65 | 0.59343   0.61754   0.64319   0.67005   0.69927   0.73002   0.76407
0.80009   0.83939

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
                L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,

L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17
539245.17	539265.17						
4216000.65	8.50486	10.37748	13.01832	17.07278	24.40575	28.44907	23.18490
24.43685	18.35233						
4215980.65	7.63647	9.15725	11.21608	14.18483	19.01555	28.28045	22.55016
23.34591	23.82748						
4215960.65	6.92500	8.18646	9.84044	12.11738	15.53468	21.30177	33.37012
24.27042	22.97668						
4215940.65	6.33254	7.39697	8.75730	10.56424	13.13656	17.10690	24.16427
29.07192	25.85537						
4215920.65	5.83248	6.74355	7.88378	9.35598	11.36986	14.29334	18.95517
27.75664	21.30089						
4215900.65	5.40571	6.19519	7.16597	8.39089	10.01440	12.26726	15.58817
21.15651	32.33560						
4215880.65	5.03807	5.72962	6.57281	7.61112	8.95307	10.73850	13.26853
17.09624	23.83729						
4215860.65	4.71885	5.33457	6.07152	6.97037	8.09419	9.55622	11.53473
14.37109	18.87771						
4215840.65	4.43979	4.99291	5.64375	6.43145	7.39394	8.60935	10.20183
12.39669	15.67418						
4215820.65	4.19429	4.69235	5.27587	5.97382	6.80382	7.83715	9.14843
10.90298	13.41011						
4215800.65	3.97945	4.43216	4.96071	5.57854	6.31176	7.19898	8.30679
9.73835	11.71538						
4215780.65	3.79368	4.20037	4.67735	5.23537	5.88593	6.66129	7.61160
8.81077	10.41505						
4215760.65	3.62474	4.00208	4.43238	4.93918	5.51963	6.20560	7.03245
8.06149	9.39530						
4215740.65	3.47106	3.82466	4.22350	4.68236	5.21007	5.82603	6.55754
7.45158	8.57657						
4215720.65	3.32857	3.66397	4.03758	4.46037	4.94645	5.50748	6.16478
6.95391	7.92886						
4215700.65	3.19711	3.51566	3.87149	4.27080	4.72471	5.24380	5.84608
6.55377	7.41788						
4215680.65	3.07307	3.37959	3.72067	4.10171	4.53231	5.02202	5.58366
6.23756	7.01595						
4215660.65	2.95529	3.25153	3.57986	3.94952	4.36476	4.83561	5.37241
5.99001	6.71111						
4215640.65	2.84453	3.12703	3.44806	3.80744	4.21593	4.67770	5.20340
5.80489	6.49793						
4215620.65	2.73768	3.01014	3.32146	3.67450	4.07716	4.54053	5.07054
5.67691	6.36922						
4215600.65	2.63286	2.89672	3.19906	3.54524	3.94612	4.41346	4.96232
5.59713	6.32459						
4215580.65	2.53525	2.78793	3.07931	3.41656	3.81543	4.29105	4.86633
5.55555	6.36680						
4215560.65	2.44259	2.68368	2.96042	3.28974	3.68251	4.16268	4.76368
5.52916	6.48587						
4215540.65	2.35544	2.58385	2.84837	3.16470	3.54722	4.02293	4.64245
5.48049	6.63901						
4215520.65	2.27227	2.48751	2.74130	3.04357	3.41198	3.87420	4.49293
5.37530	6.73903						
4215500.65	2.19302	2.39844	2.64032	2.92885	3.27793	3.72445	4.32231
5.20050	6.66650						
4215480.65	2.11958	2.31573	2.54611	2.81698	3.15213	3.57705	4.14514
4.97442	6.38317						
4215460.65	2.04747	2.23368	2.45084	2.70862	3.02356	3.42137	3.94816
4.69777	5.91188						

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215440.65	1.97286	2.14876	2.34991	2.58993	2.88319	3.24479	3.71273	4.36176	5.34456
4215420.65	1.89543	2.05867	2.24559	2.46507	2.72834	3.05230	3.46195	4.00766	4.78771
4215400.65	1.81535	1.96583	2.13857	2.34015	2.57804	2.86094	3.21828	3.67706	4.30299
4215380.65	1.73279	1.87574	2.03622	2.22061	2.43171	2.68511	2.99427	3.38277	3.89660
4215360.65	1.65604	1.79019	1.94015	2.10517	2.29775	2.52038	2.78838	3.12131	3.55085
4215340.65	1.58437	1.70980	1.84668	1.99944	2.17058	2.36949	2.60241	2.89148	3.25624
4215320.65	1.52326	1.63559	1.75921	1.89623	2.05282	2.23221	2.44108	2.69505	3.00496
4215300.65	1.46472	1.56446	1.67875	1.79988	1.94213	2.10451	2.29484	2.52128	2.78970
4215280.65	1.40634	1.49751	1.59711	1.70932	1.84136	1.99115	2.16495	2.36704	2.59790
4215260.65	1.35084	1.43458	1.52487	1.62514	1.74782	1.88866	2.04716	2.22930	2.43146
4215240.65	1.29623	1.37373	1.45763	1.55111	1.66530	1.79581	1.94080	2.10473	2.28357
4215220.65	1.24346	1.31582	1.39559	1.48462	1.58872	1.71027	1.84324	1.99056	2.14946
4215200.65	1.19412	1.26326	1.33856	1.42361	1.52108	1.63189	1.75419	1.88759	2.02943
4215180.65	1.14830	1.21378	1.28608	1.36645	1.45710	1.56071	1.67240	1.79267	1.91978
4215160.65	1.10586	1.16900	1.23855	1.31457	1.39965	1.49396	1.59670	1.70621	1.82054
4215140.65	1.06655	1.12751	1.19359	1.26630	1.34611	1.43277	1.52592	1.62529	1.72968
4215120.65	1.03003	1.08816	1.15173	1.22118	1.29530	1.37534	1.46097	1.55112	1.64550
4215100.65	0.99599	1.05217	1.11257	1.17816	1.24827	1.32219	1.40039	1.48276	1.56908
4215080.65	0.96415	1.01776	1.07579	1.13828	1.20339	1.27216	1.34434	1.42047	1.49825
4215060.65	0.93488	0.98603	1.04111	1.10057	1.16154	1.22508	1.29186	1.36150	1.43403

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
                L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
                L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539285.17   539305.17   539325.17   539345.17   539365.17   539385.17   539405.17
539425.17   539445.17
 -
- - - - - - - -

  4216000.65 | 27.62863   19.50388   15.11629   12.34034   10.42200   9.01746   7.94789
7.09987   6.41289
  4215980.65 | 38.76741   24.45287   17.91242   14.16183   11.70160   9.96798   8.68417
7.69028   6.89726
  4215960.65 | 32.24468   32.79115   21.94063   16.56404   13.31112   11.12436   9.55647
8.37339   7.44833
  4215940.65 | 22.25285   28.92413   28.37970   19.92396   15.39970   12.56008   10.60368
9.17560   8.08512
  4215920.65 | 27.25180   21.26672   25.95657   24.97987   18.24083   14.39323   11.88956
10.13098   8.82742
  4215900.65 | 22.36539   15.96008   20.17657   33.55434   22.32102   16.82079   13.50437
11.29024   9.70429
  4215880.65 | 27.43600   23.16425   25.72227   19.11103   28.81444   20.18710   15.59991
12.72846   10.75867
  4215860.65 | 27.41005   30.81990   23.68821   23.86386   27.45603   25.24617   18.43098
14.56370   12.05200
  4215840.65 | 21.15995   32.37600   34.47613   23.79699   21.87036   33.74403   22.50079
16.99314   13.67885
  4215820.65 | 17.25056   24.08402   30.22662   37.91770   23.41109   30.94337   28.98639
20.37573   15.79087
  4215800.65 | 14.58618   19.16620   27.93784   22.00491   25.60527   22.65721   27.49055
25.47041   18.65068
  4215780.65 | 12.62746   15.94999   21.50987   32.96534   23.35582   25.05909   21.65219
34.05246   22.76283
  4215760.65 | 11.16847   13.69680   17.55550   24.36533   28.30219   24.45983   24.06070
30.49042   29.26798
  4215740.65 | 10.04529   12.04519   14.91649   19.47644   28.09916   31.98151   25.44719
22.76844   27.03952
  4215720.65 | 9.16972   10.80377   13.04256   16.34943   21.85689   33.00334   23.78394
26.01996   21.43586
  4215700.65 | 8.48649   9.86218   11.67712   14.21606   18.11112   24.92988   29.12760
24.76988   26.19886
  4215680.65 | 7.96617   9.15373   10.68072   12.73813   15.67928   20.31434   29.14050
23.96986   25.26951
  4215660.65 | 7.57952   8.63927   9.97508   11.72102   14.07343   17.50578   23.12160
34.70294   26.11807

```
  4215640.65 |       7.31230      8.29906      9.52115     11.07052     13.08067     15.79175     19.79507
26.71636     31.47850
  4215620.65 |       7.17403      8.13399      9.31712     10.77705     12.58480     14.88189     17.98033
22.72898     31.54856
  4215600.65 |       7.16484      8.16046      9.37533     10.85307     12.59422     14.67396     17.30042
20.98106     26.86570
  4215580.65 |       7.31140      8.43027      9.79613     11.41987     13.22789     15.26021     17.73609
21.02636     25.82590
  4215560.65 |       7.65191      9.06051     10.78533     12.75710     14.77440     16.95651     19.59847
23.13997     28.30264
  4215540.65 |       8.22163     10.30676     12.90608     15.59407     17.99390     20.55395     23.90482
28.86472     37.02296
  4215520.65 |       8.98635     12.77247     18.11563     22.26702     25.05261     28.43928     34.25120
30.82027     22.31832
  4215500.65 |       9.65329      8.12110     12.63709     10.36590     25.05060     28.25112     18.47364
19.98891     25.46423
  4215480.65 |       9.53407      7.85062     13.67286     10.12252     16.15291     17.70524     16.62188
19.37887     17.43865
  4215460.65 |       8.39717     16.05218     11.73293      8.81629     13.17541     24.40751     13.62581
21.19797     28.48557
  4215440.65 |       7.08505     10.74126     16.65578     21.57443     24.22901     24.59334     23.44412
21.33251     19.25258
  4215420.65 |       6.02792      8.11475     10.99736     13.68824     15.44345     16.12076     16.00638
15.32143     14.40021
  4215400.65 |       5.22498      6.57123      8.27480      9.95677     11.22523     11.91865     12.08768
11.87926     11.43108
  4215380.65 |       4.60280      5.54414      6.67210      7.81454      8.76495      9.38784      9.65761
9.63880      9.41071
  4215360.65 |       4.10842      4.80670      5.61414      6.44070      7.16774      7.69664      7.98760
8.05953      7.95490
  4215340.65 |       3.70738      4.24762      4.85899      5.48482      6.05399      6.49604      6.77443
6.88427      6.84790
  4215320.65 |       3.37604      3.81139      4.28981      4.77859      5.22851      5.59802      5.85000
5.97492      5.98116
  4215300.65 |       3.10081      3.45641      3.84261      4.23451      4.59905      4.90457      5.12852
5.25472      5.28578
  4215280.65 |       2.86533      3.16165      3.47995      3.80100      4.10105      4.35633      4.55056
4.67118      4.71595
  4215260.65 |       2.65970      2.90926      3.17724      3.44585      3.69646      3.91171      4.08111
4.19334      4.24502
  4215240.65 |       2.48127      2.69510      2.92000      3.14850      3.36055      3.54495      3.69203
3.79380      3.84817
  4215220.65 |       2.32262      2.50757      2.70029      2.89422      3.07650      3.23563      3.36351
3.45743      3.51049
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 251
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                               INCLUDING SOURCE(S):     L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
               L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
L0000446    ,
               L0000447    , L0000448    , L0000449    , L0000450    , L0000451    , L0000452    , L0000453    ,
L0000454    ,
               L0000455    , L0000456    , L0000457    , L0000458    , L0000459    , L0000460    , L0000461    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539285.17    539305.17    539325.17    539345.17    539365.17    539385.17    539405.17
```

539425.17   539445.17
 -

  4215200.65 | 2.18209   2.34337   2.50996   2.67664   2.83289   2.97161   3.08457
3.16877   3.21881
  4215180.65 | 2.05518   2.19695   2.34270   2.48641   2.62243   2.74330   2.84407
2.91962   2.96749
  4215160.65 | 1.94122   2.06655   2.19373   2.31993   2.43860   2.54489   2.63410
2.70269   2.74640
  4215140.65 | 1.83774   1.94959   2.06228   2.17278   2.27655   2.37062   2.45093
2.51265   2.55531
  4215120.65 | 1.74354   1.84360   1.94385   2.04120   2.13272   2.21616   2.28872
2.34681   2.38675
  4215100.65 | 1.65761   1.74735   1.83642   1.92292   2.00460   2.07859   2.14400
2.19704   2.23781
  4215080.65 | 1.57849   1.65922   1.73889   1.81606   1.88901   1.95610   2.01459
2.06445   2.10140
  4215060.65 | 1.50595   1.57834   1.64978   1.71897   1.78453   1.84517   1.89924
1.94415   1.97989
  4215040.65 | 1.43901   1.50407   1.56846   1.63105   1.68967   1.74452   1.79398
1.83641   1.86907
  4215020.65 | 1.37748   1.43583   1.49404   1.55092   1.60394   1.65298   1.69820
1.73763   1.76807
↑ *** AERMOD - VERSION 24142 ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
   07/15/25
 *** AERMET - VERSION 18081 ***   ***   ***
  15:15:41

  PAGE 252
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                  INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                 L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
                 L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
                 L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
   (METERS) | 539465.17   539485.17   539505.17   539525.17   539545.17   539565.17   539585.17
539605.17   539625.17
 -

  4216000.65 | 5.84205   5.36079   4.94361   4.57833   4.25264   3.95548   3.68194
3.42608   3.18198
  4215980.65 | 6.24734   5.70312   5.23957   4.83254   4.47351   4.14903   3.84797
3.56887   3.30364
  4215960.65 | 6.70395   6.08918   5.56677   5.11366   4.71609   4.35650   4.02603
3.71922   3.43037
  4215940.65 | 7.22433   6.52051   5.93075   5.42373   4.97938   4.58164   4.21759
3.87927   3.56391
  4215920.65 | 7.81916   7.00883   6.33838   5.77003   5.27119   4.82694   4.42233
4.05001   3.70478
  4215900.65 | 8.50868   7.56660   6.79833   6.15419   5.59381   5.09539   4.64599
4.23252   3.85351
  4215880.65 | 9.31686   8.20835   7.32169   6.58613   5.95261   5.39309   4.89132
4.43249   4.01484
  4215860.65 | 10.28190   8.95784   7.92044   7.07566   6.35430   5.72476   5.15891
4.64748   4.18573

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  4215840.65 |      11.45213      9.84529      8.61864      7.63543      6.80984      6.09082      5.45188
4.87900      4.36895
  4215820.65 |      12.90373     10.90988      9.43707      8.27945      7.32489      6.50027      5.77385
5.13113      4.56085
  4215800.65 |      14.75420     12.22019     10.41421      9.03513      7.91576      6.96129      6.12903
5.40093      4.76407
  4215780.65 |      17.22073     13.87669     11.60810      9.93236      8.60062      7.48402      6.52498
5.69248      4.97904
  4215760.65 |      20.63691     16.01759     13.08572     11.00900      9.40387      8.08393      6.96185
6.00748      5.20600
  4215740.65 |      25.75345     18.90768     14.96864     12.32905     10.35893      8.77177      7.44834
6.34736      5.44712
  4215720.65 |      34.36453     23.05229     17.45505     13.98668     11.51195      9.57075      7.99088
6.71293      5.69706
  4215700.65 |      20.14575     29.59659     20.91689     16.14045     12.93213     10.50517      8.59293
7.10097      5.95357
  4215680.65 |      25.77516     41.29970     26.11263     19.06201     14.72852     11.60719      9.25775
7.50733      6.21075
  4215660.65 |      25.27993     34.60891     34.81732     23.25095     17.06494     12.91629      9.98558
7.92422      6.45825
  4215640.65 |      28.36914     24.96995     31.35929     29.86793     20.21711     14.46732     10.75772
8.32627      6.67091
  4215620.65 |      25.24452     30.75985     24.46019     27.76914     24.67308     16.25762     11.51266
8.65776      6.80658
  4215600.65 |      38.52398     28.55789     33.47220     22.99330     31.26208     18.16330     12.11316
8.83686      6.82495
  4215580.65 |      33.87078     39.44205     35.49732     17.87965     24.85569     19.49902     12.28540
8.76725      6.69640
  4215560.65 |      36.59603     39.84150     25.76822     26.49971     16.16897     19.20640     11.87091
8.43637      6.44593
  4215540.65 |      25.01612     27.89513     30.16550     37.31980     21.83970     17.32284     11.02987
7.94616      6.12644
  4215520.65 |      24.40804     23.55735     34.51733     40.30490     24.50578     14.94157     10.07571
7.41435      5.78709
  4215500.65 |      19.95261     29.81772     35.31605     25.95886     18.46127     12.83357      9.17246
6.91155      5.46016
  4215480.65 |      25.40621     29.30211     23.52345     18.85966     14.64946     11.06364      8.34112
6.44685      5.15908
  4215460.65 |      23.96025     20.37004     17.41759     14.66091     12.02181      9.60040      7.57305
6.01503      4.88078
  4215440.65 |      17.29359     15.43377     13.65709     11.89142     10.10637      8.39779      6.86634
5.60384      4.61891
  4215420.65 |      13.39366     12.29181     11.13697      9.92707      8.66343      7.40797      6.23747
5.21213      4.36768
  4215400.65 |      10.82902     10.12556      9.33721      8.47015      7.54519      6.59670      5.67761
4.84390      4.12416
  4215380.65 |       9.03821      8.56359      8.00117      7.35706      6.65539      5.91847      5.18881
4.50379      3.89249
  4215360.65 |       7.71317      7.37927      6.96641      6.47908      5.93173      5.34976      4.75939
4.19321      3.67332
  4215340.65 |       6.69425      6.45707      6.14593      5.76778      5.33739      4.86819      4.38569
3.91158      3.46772
  4215320.65 |       5.88663      5.71539      5.47541      5.18040      4.83577      4.45580      4.05713
3.65966      3.27852
  4215300.65 |       5.23177      5.10818      4.92356      4.68910      4.40990      4.09770      3.76661
3.43107      3.10242
  4215280.65 |       4.68958      4.60224      4.45993      4.27155      4.04406      3.78629      3.50916
3.22318      2.93869
  4215260.65 |       4.23786      4.17446      4.06532      3.91340      3.72594      3.51199      3.27770
3.03280      2.78646
  4215240.65 |       3.85383      3.80972      3.72463      3.60275      3.44775      3.26762      3.06947
2.85885      2.64420
  4215220.65 |       3.52306      3.49471      3.42925      3.33109      3.20235      3.05010      2.88006
2.69889      2.51139
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	3.23665	3.22055	3.17034	3.09071	2.98454	2.85518	2.70930	2.55215	2.38775
4215180.65	2.98684	2.97882	2.94328	2.87887	2.78911	2.68017	2.55408	2.41684	2.27262
4215160.65	2.76750	2.76690	2.74094	2.69046	2.61612	2.52101	2.41260	2.29251	2.16489
4215140.65	2.57716	2.57909	2.56060	2.51872	2.45690	2.37577	2.28224	2.17757	2.06497
4215120.65	2.40870	2.41368	2.39913	2.36541	2.31230	2.24296	2.16213	2.07070	1.97127
4215100.65	2.25858	2.26398	2.25396	2.22507	2.18057	2.12118	2.05120	1.97123	1.88332
4215080.65	2.12277	2.13134	2.12290	2.09758	2.06023	2.00924	1.94857	1.87852	1.80070
4215060.65	2.00252	2.01028	2.00415	1.98310	1.95000	1.90714	1.85414	1.79199	1.72328
4215040.65	1.89228	1.90308	1.89676	1.88055	1.85338	1.81435	1.76672	1.71225	1.65098
4215020.65	1.79150	1.80367	1.80300	1.78704	1.76374	1.72915	1.68669	1.63821	1.58333

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17

- -

4216000.65	2.95281	2.73960	2.54022	2.35610	2.18815
4215980.65	3.05697	2.82618	2.61283	2.41809	2.23957
4215960.65	3.16307	2.91444	2.68610	2.48018	2.29261
4215940.65	3.27372	3.00557	2.76236	2.54227	2.34536
4215920.65	3.38916	3.09965	2.83920	2.60658	2.39880
4215900.65	3.50958	3.19676	2.91782	2.67206	2.45401
4215880.65	3.63892	3.30031	3.00123	2.73872	2.50890
4215860.65	3.77406	3.40731	3.08670	2.80787	2.56447
4215840.65	3.91520	3.51781	3.17425	2.87694	2.61946
4215820.65	4.06248	3.63182	3.26384	2.94705	2.67592
4215800.65	4.21602	3.75109	3.35535	3.01935	2.73234
4215780.65	4.37580	3.87197	3.44845	3.09197	2.79050
4215760.65	4.54368	3.99576	3.54244	3.16394	2.84555
4215740.65	4.71506	4.12149	3.63593	3.23488	2.89680
4215720.65	4.89047	4.24708	3.72778	3.29918	2.94132
4215700.65	5.06468	4.36672	3.80754	3.35243	2.97504
4215680.65	5.23065	4.47281	3.87395	3.38973	2.99203
4215660.65	5.37711	4.55493	3.91421	3.40419	2.98913
4215640.65	5.48248	4.59729	3.91983	3.38911	2.96527
4215620.65	5.51990	4.58557	3.88496	3.34617	2.91976
4215600.65	5.47568	4.51986	3.81534	3.27980	2.85943
4215580.65	5.34653	4.40496	3.71708	3.19670	2.78937
4215560.65	5.15627	4.25985	3.60191	3.10444	2.71434
4215540.65	4.93470	4.09649	3.47909	3.00815	2.63712
4215520.65	4.70052	3.92671	3.35095	2.90818	2.55679
4215500.65	4.47106	3.75800	3.22233	2.80666	2.47529
4215480.65	4.25562	3.59632	3.09688	2.70648	2.39400
4215460.65	4.05683	3.44489	2.97743	2.61013	2.31459
4215440.65	3.87196	3.30397	2.86536	2.51853	2.23848
4215420.65	3.69606	3.17240	2.76083	2.43277	2.16665
4215400.65	3.52898	3.04837	2.66332	2.35260	2.09928
4215380.65	3.36825	2.93057	2.57108	2.27792	2.03647
4215360.65	3.21339	2.81785	2.48451	2.20801	1.97810
4215340.65	3.06495	2.70935	2.40219	2.14243	1.92372
4215320.65	2.92515	2.60608	2.32430	2.08123	1.87343
4215300.65	2.79200	2.50622	2.24884	2.02258	1.82599
4215280.65	2.66555	2.40976	2.17536	1.96571	1.78062
4215260.65	2.54570	2.31673	2.10367	1.91011	1.73663
4215240.65	2.43171	2.22674	2.03335	1.85519	1.69331
4215220.65	2.32337	2.13946	1.96451	1.80089	1.65035

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17

- -

4215200.65	2.22072	2.05625	1.89767	1.74759	1.60761
4215180.65	2.12431	1.97673	1.83288	1.69499	1.56564
4215160.65	2.03338	1.90075	1.77016	1.64386	1.52419
4215140.65	1.94797	1.82851	1.71001	1.59423	1.48361
4215120.65	1.86707	1.75969	1.65214	1.54610	1.44337
4215100.65	1.79044	1.69387	1.59626	1.49894	1.40409
4215080.65	1.71783	1.63095	1.54234	1.45317	1.36556
4215060.65	1.64912	1.57082	1.49038	1.40883	1.32791
4215040.65	1.58397	1.51346	1.44016	1.36558	1.29108
4215020.65	1.52285	1.45865	1.39218	1.32387	1.25517

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	15.61061	539351.84	4215428.70	16.93263
539361.84	4215428.70	17.87208	539371.84	4215428.70	18.43303
539381.84	4215428.70	18.68946	539341.84	4215438.70	19.83079
539351.84	4215438.70	21.57527	539361.84	4215438.70	22.71178
539371.84	4215438.70	23.24300	539381.84	4215438.70	23.39980
539341.84	4215448.70	26.79819	539351.84	4215448.70	16.84719
539361.84	4215448.70	16.96577	539371.84	4215448.70	31.11463
539381.84	4215448.70	31.07743	539341.84	4215458.70	8.07970
539351.84	4215458.70	21.34768	539361.84	4215458.70	20.92238
539371.84	4215458.70	12.13763	539381.84	4215458.70	12.57031
539341.84	4215468.70	8.71466	539351.84	4215468.70	11.44527
539361.84	4215468.70	15.69857	539371.84	4215468.70	13.53553
539381.84	4215468.70	14.29708	539113.88	4215517.52	2.34833
539096.52	4215515.99	2.17026	539108.26	4215501.18	2.22575
539096.01	4215500.67	2.10955	539108.26	4215486.38	2.16980
539094.47	4215485.36	2.04286	539135.32	4215461.36	2.34191

539150.13	4215439.91	2.40211	539114.39	4215452.68	2.09892
539123.07	4215439.40	2.12336	539159.32	4215421.02	2.39931
539145.02	4215416.43	2.22213	539134.30	4215410.81	2.09168
539131.75	4215425.11	2.13865	539206.80	4215383.75	2.73474
539215.99	4215372.52	2.76594	539188.93	4215382.22	2.48756
539176.17	4215379.67	2.32631	539165.44	4215376.09	2.19487
539248.79	4215356.71	3.14196	539243.45	4215348.45	2.94805
539265.58	4215345.25	3.32840	539260.78	4215338.05	3.13615
539256.25	4215351.38	3.21920	539272.77	4215331.92	3.28965
539264.78	4215324.99	3.04969	539280.77	4215321.79	3.30579
539279.97	4215307.14	3.09512	539287.97	4215313.80	3.33093
539297.83	4215304.74	3.38282	539289.56	4215296.21	3.11710
539311.15	4215287.68	3.35866	539303.69	4215281.28	3.14651
539303.69	4215296.21	3.35982	539314.25	4215271.79	3.17697
539329.09	4215260.48	3.22814	539339.69	4215237.16	3.04162
539357.36	4215232.92	3.16996	539394.11	4215199.70	3.01350
539044.99	4215579.21	1.96219	539034.39	4215591.93	1.92235
539054.88	4215556.59	1.96432	539058.42	4215538.92	1.93382
539054.88	4215520.55	1.85085	539082.44	4215477.44	1.92127
539073.96	4215466.13	1.82465	539098.70	4215440.69	1.92130
539109.30	4215426.56	1.95091	539117.07	4215415.96	1.96910
539125.55	4215401.11	1.97147	539158.77	4215367.19	2.08453
539150.29	4215357.30	1.96399	539184.21	4215339.63	2.15575
539222.37	4215324.79	2.44061	539243.58	4215317.72	2.64688

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	2.80454	539364.42	4215191.93	2.73228
539344.64	4215200.41	2.66928	539409.65	4215113.48	2.24889
539355.94	4215136.80	2.20176	539262.66	4215288.75	2.63858
539282.44	4215261.19	2.63193	539299.41	4215235.04	2.57907
539168.92	4215647.77	3.92939	538947.70	4216163.58	3.80467
539352.12	4215798.21	22.68234	539367.62	4215566.76	14.42130
539278.26	4215504.64	8.30997	539297.51	4215494.11	14.22955
539323.66	4215486.12	12.92093	539342.55	4215482.85	9.55427
539367.23	4215481.23	15.65615	539397.77	4215487.94	17.98762
539352.73	4215556.41	13.98086	539337.83	4215546.05	13.71348
539322.94	4215535.70	13.40819	539308.05	4215525.35	12.59901
539293.15	4215514.99	10.71370	539287.89	4215499.38	10.34209
539310.58	4215490.12	8.97671	539354.89	4215482.04	13.88314
539382.50	4215484.59	17.07291	539391.74	4215503.70	18.48173
539385.71	4215519.47	29.27971	539379.68	4215535.23	21.27320
539373.65	4215551.00	16.99283			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	4.41539	5.32177	6.59765	8.53803	11.73348	17.97561	24.03137	25.21169	29.69184

4215980.65	4.27996	5.12736	6.32455	8.10404	10.96796	16.25571	28.52985	36.84619	31.03209
4215960.65	4.12675	4.92407	6.03051	7.64271	10.15189	14.50531	23.45792	21.33790	28.80623
4215940.65	3.97149	4.71326	5.72867	7.17668	9.34484	12.87499	19.34669	24.60801	25.85661
4215920.65	3.81469	4.50235	5.42988	6.72110	8.58237	11.43904	16.17941	25.11432	31.63178
4215900.65	3.66119	4.29687	5.13456	6.28674	7.88178	10.20834	13.78579	19.71720	30.77404
4215880.65	3.50979	4.09283	4.85875	5.88028	7.24905	9.16268	11.95569	16.19734	23.14073
4215860.65	3.36542	3.90164	4.59659	5.50249	6.68887	8.28295	10.50531	13.71057	18.52954
4215840.65	3.22266	3.72111	4.35087	5.14964	6.18102	7.53586	9.34292	11.84016	15.37009
4215820.65	3.08952	3.54904	4.12014	4.83035	5.73259	6.88268	8.38324	10.36938	13.07644
4215800.65	2.96432	3.38730	3.90478	4.53728	5.32522	6.31500	7.57245	9.20123	11.33042
4215780.65	2.84384	3.23377	3.70048	4.26785	4.95617	5.80449	6.86713	8.21312	9.92731
4215760.65	2.73058	3.08618	3.51275	4.02067	4.62479	5.36187	6.26546	7.39386	8.80924
4215740.65	2.61749	2.94977	3.33704	3.79329	4.32823	4.96737	5.74695	6.70419	7.88372
4215720.65	2.50834	2.81680	3.17266	3.58046	4.05759	4.62101	5.29596	6.11979	7.11833
4215700.65	2.40844	2.69265	3.01842	3.38698	3.81167	4.31133	4.90374	5.61360	6.47041
4215680.65	2.31290	2.57483	2.86933	3.20714	3.58861	4.03389	4.55698	5.17717	5.91604
4215660.65	2.22143	2.46297	2.73242	3.04069	3.38672	3.78792	4.25563	4.80245	5.43858
4215640.65	2.13379	2.35317	2.60363	2.88492	3.19851	3.55989	3.97808	4.46350	5.02546
4215620.65	2.04329	2.25243	2.48243	2.73962	3.02462	3.34927	3.72472	4.16008	4.65713
4215600.65	1.96303	2.15021	2.36832	2.60225	2.86181	3.15790	3.49633	3.88469	4.32896
4215580.65	1.88653	2.05912	2.25789	2.47554	2.71261	2.98178	3.28778	3.63688	4.03470
4215560.65	1.81300	1.97295	2.14796	2.35237	2.56860	2.81300	3.08937	3.41157	3.76942
4215540.65	1.74232	1.88907	2.05266	2.23501	2.43282	2.65542	2.90583	3.18987	3.52910
4215520.65	1.67468	1.81075	1.96234	2.13060	2.31236	2.51603	2.74404	3.00129	3.29976
4215500.65	1.60826	1.73626	1.87693	2.03268	2.20001	2.38902	2.59935	2.83349	3.09543
4215480.65	1.54634	1.66533	1.79585	1.93826	2.09641	2.27012	2.46301	2.67859	2.91279
4215460.65	1.48698	1.59771	1.71898	1.85094	1.99706	2.15896	2.33796	2.53215	2.74590
4215440.65	1.43011	1.53327	1.64441	1.76848	1.90542	2.05453	2.21874	2.39889	2.59053
4215420.65	1.37571	1.47042	1.57539	1.69069	1.81755	1.95515	2.10805	2.27309	2.44772
4215400.65	1.32382	1.41223	1.51013	1.61742	1.73352	1.86228	2.00253	2.15380	2.31310
4215380.65	1.27316	1.35712	1.44855	1.54853	1.65638	1.77558	1.90496	2.04315	2.18881
4215360.65	1.22638	1.30501	1.39052	1.48245	1.58418	1.69473	1.81430	1.94018	2.07381
4215340.65	1.18204	1.25579	1.33462	1.42182	1.51665	1.61939	1.72882	1.84632	1.96929
4215320.65	1.14006	1.20934	1.28331	1.36496	1.45229	1.54671	1.64955	1.75707	1.87172
4215300.65	1.10035	1.16445	1.23507	1.31167	1.39221	1.48030	1.57480		

1.67450 1.78050
4215280.65 | 1.06180 1.12324 1.18974 1.26171 1.33719 1.41839 1.50531
1.59790 1.69715
4215260.65 | 1.02639 1.08440 1.14711 1.21380 1.28459 1.35946 1.44049
1.52655 1.61857
4215240.65 | 0.99290 1.04775 1.10693 1.16972 1.23617 1.30624 1.38083
1.46088 1.54628
4215220.65 | 0.96117 1.01307 1.06805 1.12807 1.19047 1.25700 1.32666
1.40217 1.48152

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215200.65	0.93102	0.98013	1.03205	1.08859	1.14722	1.21041	1.27642	1.34602	1.41997
4215180.65	0.90225	0.94795	0.99779	1.05107	1.10700	1.16631	1.22895	1.29407	1.36238
4215160.65	0.87398	0.91799	0.96511	1.01540	1.06809	1.12460	1.18342	1.24522	1.30852
4215140.65	0.84763	0.88935	0.93396	0.98079	1.03124	1.08452	1.14057	1.19868	1.25813
4215120.65	0.82237	0.86198	0.90430	0.94866	0.99638	1.04672	1.09898	1.15439	1.21095
4215100.65	0.79818	0.83587	0.87544	0.91820	0.96344	1.01110	1.06050	1.11281	1.16613
4215080.65	0.77507	0.81037	0.84868	0.88935	0.93232	0.97691	1.02428	1.07373	1.12460
4215060.65	0.75301	0.78673	0.82328	0.86202	0.90230	0.94523	0.99013	1.03694	1.08500
4215040.65	0.73142	0.76424	0.79917	0.83613	0.87448	0.91528	0.95789	1.00172	1.04768
4215020.65	0.71142	0.74287	0.77627	0.81102	0.84812	0.88693	0.92740	0.96894	1.01245

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 ,

L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 ,
L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 ,
L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	36.72175	32.14771	23.64770	18.83300	15.63116	13.30353	11.51613	10.08510	8.91194
4215980.65	27.54930	37.25998	26.31617	20.49328	16.76641	14.13954	12.16472	10.60964	9.35068
4215960.65	30.69536	47.98962	31.09269	23.14817	18.45961	15.31709	13.03695	11.28872	9.89887
4215940.65	29.28461	40.38125	40.05159	27.39004	20.93701	16.93979	14.19395	12.15785	10.57944
4215920.65	28.76025	27.66422	35.39784	34.59911	24.63736	19.20258	15.72916	13.26890	11.42713
4215900.65	36.71720	29.91633	25.98001	31.48778	30.52025	22.43547	17.79469	14.70286	12.48367
4215880.65	36.47589	25.98836	30.55024	24.32141	41.01450	27.32938	20.65788	16.58504	13.82321
4215860.65	26.54410	31.06607	26.70601	30.60257	22.71535	35.55308	24.81514	19.13733	15.55945
4215840.65	20.73907	30.27235	34.19501	26.97780	30.23771	35.54669	31.45396	22.77029	17.88334
4215820.65	16.92312	23.01378	34.60765	37.28719	26.84398	40.01519	43.35096	28.34321	21.14322
4215800.65	14.23755	18.48269	25.51535	39.93901	29.80472	26.32704	37.24968	38.03056	26.05466
4215780.65	12.20193	15.35745	20.09644	28.48992	34.95321	31.98190	25.78476	34.41817	34.47745
4215760.65	10.62693	13.04912	16.50124	21.90100	32.05315	24.08292	28.74193	25.00489	32.04339
4215740.65	9.37309	11.29452	13.90061	17.68432	23.80717	35.86310	25.04400	27.93263	24.19798
4215720.65	8.34875	9.91297	11.93925	14.72750	18.87811	25.74979	39.39130	25.79122	26.93699
4215700.65	7.50947	8.78442	10.41424	12.55950	15.54485	19.99835	27.46569	31.02511	26.32461
4215680.65	6.80264	7.86653	9.19135	10.88231	13.11690	16.26295	20.96299	29.14758	32.81663
4215660.65	6.19166	7.09857	8.19551	9.55916	11.29600	13.63285	16.88108	21.90118	30.95103
4215640.65	5.67280	6.44395	7.36463	8.48058	9.87534	11.67273	14.05193	17.45880	22.85812
4215620.65	5.21737	5.88520	6.66180	7.59445	8.73159	10.14845	11.95800	14.41425	17.99256
4215600.65	4.83245	5.39736	6.06639	6.85360	7.79550	8.93967	10.36046	12.21206	14.75941
4215580.65	4.48079	4.98282	5.54886	6.22036	7.01384	7.95557	9.09652	10.53567	12.43052
4215560.65	4.16508	4.60954	5.10780	5.67788	6.34437	7.13701	8.06961	9.21473	10.67041
4215540.65	3.88303	4.27737	4.71426	5.21024	5.77675	6.44333	7.21658	8.14481	9.29088
4215520.65	3.62825	3.97977	4.36546	4.79812	5.28183	5.85191	6.50038	7.26353	8.18290
4215500.65	3.39803	3.71146	4.05560	4.43371	4.86082	5.33466	5.88300		

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6.51710      7.26433
  4215480.65 |      3.17141      3.46816      3.77500      4.10884      4.48132      4.89676      5.36399
5.89561      6.50995
  4215460.65 |      2.97801      3.23318      3.52089      3.81714      4.14357      4.50362      4.90451
5.35405      5.86419
  4215440.65 |      2.80219      3.02845      3.27937      3.55390      3.84043      4.15489      4.50069
4.88323      5.31018
  4215420.65 |      2.63664      2.84062      3.06680      3.30951      3.56947      3.84461      4.14458
4.47230      4.83256
  4215400.65 |      2.48472      2.66914      2.87225      3.09100      3.31918      3.56812      3.82998
4.11278      4.41938
  4215380.65 |      2.34510      2.51076      2.69263      2.89165      3.10249      3.31685      3.54879
3.79738      4.06434
  4215360.65 |      2.21670      2.36902      2.53400      2.71223      2.90219      3.10015      3.30733
3.52728      3.76067
  4215340.65 |      2.10034      2.23955      2.38969      2.54944      2.71826      2.89835      3.08227
3.27600      3.47976
  4215320.65 |      1.99222      2.12100      2.25799      2.40301      2.55396      2.71421      2.88042
3.05201      3.23331
  4215300.65 |      1.89269      2.01092      2.13727      2.26830      2.40595      2.54905      2.69810
2.85139      3.01205
  4215280.65 |      1.80066      1.91045      2.02522      2.14576      2.27089      2.40048      2.53350
2.67306      2.81626
  4215260.65 |      1.71527      1.81741      1.92282      2.03321      2.14748      2.26493      2.38650
2.51089      2.63941
  4215240.65 |      1.63679      1.73023      1.82827      1.92979      2.03461      2.14204      2.25284
2.36579      2.48152
  4215220.65 |      1.56456      1.65026      1.74096      1.83469      1.93066      2.02988      2.13123
2.23404      2.33747
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                                  INCLUDING SOURCE(S):     L0000352    , L0000353    , L0000354    , L0000355    ,
L0000356    ,
                 L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    , L0000363    ,
L0000364    ,
                 L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    , L0000371    ,
L0000372    ,
                 L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    ,
. . .      ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538925.17    538945.17    538965.17    538985.17    539005.17    539025.17    539045.17
539065.17    539085.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |      1.49642      1.57687      1.66028      1.74648      1.83581      1.92720      2.02016
2.11391      2.20779
  4215180.65 |      1.43374      1.50800      1.58565      1.66572      1.74849      1.83287      1.91809
2.00409      2.08942
  4215160.65 |      1.37461      1.44402      1.51583      1.59103      1.66786      1.74592      1.82442
1.90323      1.98097
  4215140.65 |      1.32013      1.38513      1.45223      1.52228      1.59319      1.66516      1.73793
1.81030      1.88127
  4215120.65 |      1.26981      1.33074      1.39350      1.45831      1.52426      1.59061      1.65786
1.72442      1.78944
  4215100.65 |      1.22207      1.27928      1.33856      1.39862      1.45965      1.52129      1.58352
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	7.93879	7.12288	6.43235	5.84400	5.33720	4.89743	4.51453	4.17699	3.87868
4215980.65	8.31587	7.45274	6.72385	6.10288	5.56618	5.10216	4.69523	4.33743	4.02130
4215960.65	8.77253	7.84221	7.06123	6.39801	5.82694	5.33100	4.89729	4.51603	4.17920
4215940.65	9.32480	8.30284	7.45302	6.73570	6.12046	5.58751	5.12217	4.71353	4.35285
4215920.65	9.99404	8.84955	7.90995	7.12386	6.45391	5.87609	5.37314	4.93253	4.54424
4215900.65	10.81006	9.50248	8.44622	7.57271	6.83480	6.20237	5.65607	5.17611	4.75570
4215880.65	11.81609	10.28976	9.07954	8.09461	7.27155	6.57347	5.97133	5.44986	4.99013
4215860.65	13.07886	11.25137	9.83862	8.70772	7.77832	6.99702	6.33051	5.75539	5.25105
4215840.65	14.70375	12.45154	10.76317	9.43866	8.37072	7.48675	6.74064	6.10048	5.54139
4215820.65	16.86593	13.99223	11.91191	10.32392	9.07689	8.05893	7.21305	6.49316	5.86820
4215800.65	19.87643	16.02985	13.37053	11.42144	9.92557	8.73601	7.76097	6.94382	6.24080
4215780.65	24.37396	18.84225	15.30131	12.81502	10.97611	9.55206	8.40891	7.46653	6.66715
4215760.65	31.80823	22.96789	17.92263	14.62980	12.29943	10.55160	9.18509	8.08024	7.16001
4215740.65	30.14194	29.55297	21.70218	17.07556	13.99864	11.79300	10.12465	8.81049	7.73824
4215720.65	23.49891	41.86566	27.60944	20.54385	16.26568	13.38082	11.28936	9.69314	8.42184
4215700.65	25.89867	22.89792	38.23377	25.83360	19.44042	15.48306	12.77582		

10.78482   9.24522
  4215680.65 | 26.88998   24.95376   34.28206   35.01519   24.21712   18.39693   14.73159
12.17161   10.25972
  4215660.65 | 34.88542   27.59406   23.94569   31.76364   32.22635   22.71447   17.43404
13.99303   11.54317
  4215640.65 | 33.02330   23.01898   28.25026   22.98487   29.58854   29.82609   21.39691
16.49627   13.22135
  4215620.65 | 23.91477   35.48073   23.27481   28.97464   22.00192   27.77331   27.88621
20.16183   15.51661
  4215600.65 | 18.57381   25.10097   27.69854   23.37115   15.90981   20.98460   25.98900
26.04801   18.83750
  4215580.65 | 15.09772   19.21988   26.41366   28.73610   23.28788   15.21273   19.84449
37.14166   24.10305
  4215560.65 | 12.62293   15.44336   19.79570   27.62378   29.81512   23.04828   24.95522
18.55335   33.81757
  4215540.65 | 10.77141   12.80036   15.70342   20.31724   28.78295   30.60223   22.45772
22.58439   16.81852
  4215520.65 | 9.33200   10.83166   12.88830   15.87939   20.67621   29.68565   31.10398
21.02576   19.36600
  4215500.65 | 8.17441   9.32836   10.83174   12.88499   15.85988   20.72860   30.19053
30.06162   17.78178
  4215480.65 | 7.23791   8.13387   9.25989   10.70995   12.69585   15.58424   20.24171
28.75920   12.34434
  4215460.65 | 6.45442   7.15906   8.01983   9.07708   10.44276   12.26198   14.80002
18.40045   23.11334
  4215440.65 | 5.79313   6.35847   7.01375   7.80844   8.77371   9.97041   11.45446
13.25675   15.05106
  4215420.65 | 5.23158   5.68793   6.20517   6.80434   7.50583   8.31731   9.25648
10.25370   11.04719
  4215400.65 | 4.75230   5.12210   5.53711   6.00127   6.52253   7.09759   7.71825
8.30740   8.68207
  4215380.65 | 4.34234   4.64585   4.98117   5.34633   5.74131   6.16391   6.58850
6.95218   7.13886
  4215360.65 | 4.00946   4.23902   4.51380   4.80518   5.11377   5.42811   5.72668
5.95461   6.05183
  4215340.65 | 3.69579   3.90404   4.11732   4.35448   4.59781   4.83752   5.04559
5.19808   5.24649
  4215320.65 | 3.42113   3.61225   3.77782   3.97288   4.16654   4.35145   4.50472
4.60771   4.62770
  4215300.65 | 3.17843   3.34511   3.49886   3.64594   3.80110   3.94404   4.05976
4.13103   4.13727
  4215280.65 | 2.96276   3.10914   3.25401   3.39176   3.48891   3.60062   3.68809
3.73833   3.73586
  4215260.65 | 2.77055   2.89872   3.02490   3.14480   3.21777   3.30518   3.37294
3.40937   3.40278
  4215240.65 | 2.59685   2.71166   2.82198   2.92517   2.99701   3.05086   3.10241
3.12896   3.12107
  4215220.65 | 2.44154   2.54247   2.63859   2.72765   2.79656   2.82768   2.86930
2.88723   2.87906

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                              INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
               L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
               L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
               L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215200.65	2.30047	2.39073	2.47549	2.55100	2.60890	2.63293	2.66561	2.68033	2.67200
4215180.65	2.17305	2.25328	2.32790	2.39320	2.44502	2.45913	2.48680	2.49775	2.48991
4215160.65	2.05663	2.12810	2.19325	2.25022	2.29461	2.30591	2.32752	2.33681	2.32963
4215140.65	1.94991	2.01372	2.07184	2.12069	2.15905	2.17989	2.18664	2.19384	2.18749
4215120.65	1.85178	1.90944	1.96084	2.00292	2.03760	2.06223	2.06052	2.06635	2.06065
4215100.65	1.76130	1.81309	1.85921	1.89748	1.92611	1.95126	1.96476	1.96375	1.94560
4215080.65	1.67768	1.72480	1.76590	1.79916	1.82708	1.84829	1.86394	1.86894	1.85390
4215060.65	1.60000	1.64280	1.68000	1.70892	1.73396	1.75605	1.77076	1.77698	1.76873
4215040.65	1.52788	1.56690	1.60074	1.62856	1.65245	1.67336	1.68769	1.69444	1.68578
4215020.65	1.46055	1.49649	1.52742	1.55379	1.57772	1.59750	1.61138	1.61841	1.61161

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 , L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 , L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 , L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	3.60911	3.36515	3.14150	2.93499	2.74326	2.56464	2.39623	2.23919	2.09361
4215980.65	3.73677	3.47825	3.24135	3.02196	2.81925	2.63062	2.45371	2.28851	2.13575
4215960.65	3.87623	3.60115	3.34927	3.11622	2.90036	2.69987	2.51288	2.33936	2.17877
4215940.65	4.02877	3.73484	3.46508	3.21672	2.98698	2.77323	2.57580	2.39309	2.22394
4215920.65	4.19594	3.88050	3.59145	3.32482	3.07864	2.85092	2.64120	2.44845	2.27064
4215900.65	4.37945	4.03940	3.72843	3.44117	3.17742	2.93315	2.71065		

2.50608 2.31883
4215880.65 | 4.58149 4.21203 3.87609 3.56647 3.28290 3.02205 2.78345
2.56594 2.36718
4215860.65 | 4.80329 4.39993 4.03546 3.70154 3.39659 3.11606 2.86052
2.62794 2.41741
4215840.65 | 5.04769 4.60778 4.20896 3.84730 3.51697 3.21536 2.94099
2.69196 2.46803
4215820.65 | 5.32164 4.83559 4.39992 4.00489 3.64672 3.32016 3.02395
2.75784 2.52022
4215800.65 | 5.62890 5.08996 4.60771 4.17567 3.78434 3.43065 3.11109
2.82536 2.57305
4215780.65 | 5.98014 5.37588 4.84021 4.36277 3.93287 3.54703 3.20140
2.89514 2.62696
4215760.65 | 6.37837 5.69733 5.09965 4.56825 4.09319 3.67037 3.29467
2.96678 2.68083
4215740.65 | 6.83681 6.06168 5.38689 4.79154 4.26385 3.79884 3.39056
3.03818 2.73410
4215720.65 | 7.37081 6.47844 5.70922 5.03679 4.44689 3.93326 3.48934
3.10949 2.78609
4215700.65 | 8.00137 6.96039 6.07368 5.30715 4.64201 4.07245 3.58781
3.17980 2.83581
4215680.65 | 8.75628 7.52490 6.48941 5.60490 4.85084 4.21549 3.68551
3.24706 2.88188
4215660.65 | 9.68144 8.19618 6.96834 5.93549 5.07347 4.36167 3.78227
3.31008 2.92234
4215640.65 | 10.84622 9.00933 7.52612 6.30521 5.30755 4.50850 3.87347
3.36597 2.95386
4215620.65 | 12.35710 10.01871 8.18292 6.71505 5.55355 4.65177 3.95666
3.41043 2.97371
4215600.65 | 14.39742 11.30328 8.97383 7.17178 5.80627 4.78759 4.02474
3.43780 2.97639
4215580.65 | 17.32373 13.01135 9.93328 7.67308 6.05164 4.90118 4.06523
3.43899 2.95695
4215560.65 | 21.92273 15.42585 11.12535 8.19913 6.26450 4.96679 4.06271
3.40607 2.91278
4215540.65 | 30.44607 19.23524 12.62309 8.68982 6.38431 4.95415 4.00409
3.33669 2.84612
4215520.65 | 12.50350 26.61059 14.36191 8.96594 6.33381 4.83996 3.88981
3.23739 2.76331
4215500.65 | 10.31018 12.69214 15.44638 8.73708 6.06797 4.63063 3.73159
3.11673 2.66899
4215480.65 | 18.77581 10.50164 13.81965 7.95200 5.62682 4.35492 3.54266
2.97902 2.56471
4215460.65 | 25.87431 19.22971 11.03942 7.04093 5.13986 4.04911 3.33526
2.82975 2.45150
4215440.65 | 15.48461 12.92721 9.07042 6.30686 4.72259 3.76711 3.13571
2.68136 2.33730
4215420.65 | 11.03390 9.73654 7.63636 5.72182 4.40112 3.54319 2.96604
2.54883 2.23106
4215400.65 | 8.57826 7.80595 6.53822 5.20996 4.13611 3.36915 2.83034
2.43869 2.14003
4215380.65 | 7.02032 6.51191 5.68505 4.74409 3.89330 3.22164 2.72143
2.34904 2.06378
4215360.65 | 5.94165 5.58417 5.01072 4.32909 3.65894 3.08309 2.62595
2.27408 2.00076
4215340.65 | 5.14989 4.88319 4.46891 3.96124 3.43404 2.94821 2.53807
2.20792 1.94605
4215320.65 | 4.54277 4.34026 4.02584 3.63676 3.21665 2.81165 2.44991
2.14552 1.89712
4215300.65 | 4.06312 3.90205 3.65821 3.35195 3.01479 2.67677 2.36110
2.08437 1.85122
4215280.65 | 3.67276 3.54219 3.34825 3.10349 2.82876 2.54537 2.27110
2.02233 1.80592
4215260.65 | 3.34847 3.24067 3.08292 2.88469 2.65811 2.41951 2.18203
1.96001 1.76105
4215240.65 | 3.07405 2.98462 2.85486 2.69137 2.50246 2.29934 2.09417
1.89745 1.71595
4215220.65 | 2.83876 2.76384 2.65581 2.51935 2.35982 2.18702 2.00911
1.83415 1.66999

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	2.63688	2.57307	2.48143	2.36581	2.23012	2.08177	1.92666	1.77187	1.62378
4215180.65	2.45945	2.40486	2.32668	2.22779	2.11171	1.98335	1.84767	1.71054	1.57687
4215160.65	2.30311	2.25609	2.18880	2.10363	2.00309	1.89165	1.77235	1.65069	1.53039
4215140.65	2.16436	2.12316	2.06543	1.99157	1.90413	1.80603	1.70092	1.59244	1.48390
4215120.65	2.03960	2.00442	1.95381	1.88923	1.81282	1.72659	1.63316	1.53621	1.43799
4215100.65	1.92809	1.89658	1.85218	1.79609	1.72882	1.65236	1.56939	1.48231	1.39340
4215080.65	1.82620	1.79851	1.75956	1.71037	1.65107	1.58315	1.50905	1.43062	1.35015
4215060.65	1.73449	1.70894	1.67464	1.63126	1.57884	1.51859	1.45213	1.38139	1.30819
4215040.65	1.66570	1.62782	1.59722	1.55877	1.51220	1.45811	1.39861	1.33464	1.26800
4215020.65	1.59150	1.56274	1.52607	1.49183	1.44969	1.40130	1.34786	1.28986	1.22918

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	1.95786	1.83277	1.71675	1.61045	1.51321	1.42388	1.34221	1.26712	1.19699
4215980.65	1.99376	1.86275	1.74277	1.63214	1.53175	1.44022	1.35592	1.27894	1.20721
4215960.65	2.03064	1.89446	1.76912	1.65449	1.55077	1.45602	1.36942	1.29014	1.21674
4215940.65	2.06908	1.92621	1.79578	1.67696	1.56929	1.47169	1.38269	1.30102	1.22590
4215920.65	2.10791	1.95852	1.82273	1.70000	1.58821	1.48718	1.39529	1.31153	1.23462
4215900.65	2.14766	1.99133	1.84989	1.72256	1.60701	1.50241	1.40794	1.32160	1.24283
4215880.65	2.18709	2.02401	1.87716	1.74503	1.62557	1.51774	1.42055	1.33191	1.25117
4215860.65	2.22775	2.05696	1.90394	1.76729	1.64376	1.53299	1.43255	1.34154	1.25878
4215840.65	2.26828	2.09001	1.93106	1.78919	1.66184	1.54713	1.44378	1.35032	1.26585
4215820.65	2.30903	2.12236	1.95729	1.81005	1.67873	1.56039	1.45403	1.35840	1.27147
4215800.65	2.34972	2.15491	1.98287	1.83049	1.69457	1.57249	1.46303	1.36483	1.27578
4215780.65	2.39222	2.18792	2.00843	1.85009	1.70902	1.58309	1.47081	1.36967	1.27851
4215760.65	2.43327	2.21915	2.03201	1.86757	1.72164	1.59211	1.47631	1.37261	1.27939
4215740.65	2.47305	2.24864	2.05352	1.88279	1.73187	1.59839	1.47945	1.37326	1.27838
4215720.65	2.51079	2.27562	2.07221	1.89502	1.73941	1.60171	1.47975	1.37125	1.27463
4215700.65	2.54551	2.29909	2.08674	1.90310	1.74256	1.60116	1.47645	1.36597	1.26797
4215680.65	2.57582	2.31728	2.09635	1.90601	1.74087	1.59615	1.46916	1.35720	1.25833
4215660.65	2.59984	2.32946	2.09965	1.90337	1.73385	1.58651	1.45795	1.34521	1.24610
4215640.65	2.61509	2.33268	2.09512	1.89348	1.72097	1.57205	1.44290	1.33020	1.23156
4215620.65	2.61847	2.32564	2.08145	1.87609	1.70216	1.55302	1.42441	1.31267	1.21519
4215600.65	2.60704	2.30615	2.05843	1.85207	1.67859	1.53074	1.40378	1.29381	1.19805
4215580.65	2.57793	2.27384	2.02628	1.82199	1.65071	1.50557	1.38123	1.27392	1.18008
4215560.65	2.53188	2.23036	1.98690	1.78700	1.61992	1.47853	1.35770	1.25297	1.16155
4215540.65	2.47231	2.17882	1.94283	1.74904	1.58726	1.45025	1.33303	1.23133	1.14245
4215520.65	2.40377	2.12201	1.89530	1.70889	1.55298	1.42086	1.30730	1.20878	1.12253
4215500.65	2.32860	2.06069	1.84445	1.66618	1.51672	1.38954	1.28007	1.18491	1.10160
4215480.65	2.24644	1.99423	1.78961	1.62021	1.47764	1.35596	1.25094	1.15951	1.07908
4215460.65	2.15783	1.92275	1.73076	1.57089	1.43579	1.32005	1.21981	1.13228	1.05507
4215440.65	2.06707	1.84903	1.66963	1.51945	1.39195	1.28236	1.18713	1.10362	1.02981
4215420.65	1.98071	1.77738	1.60934	1.46822	1.34785	1.24410	1.15369	1.07421	1.00378

```
  4215400.65 |       1.90364      1.71201      1.55330      1.41969      1.30555      1.20691      1.12079
1.04499      0.97775
  4215380.65 |       1.83827      1.65550      1.50390      1.37601      1.26671      1.17219      1.08966
1.01697      0.95248
  4215360.65 |       1.78308      1.60714      1.46120      1.33780      1.23220      1.14086      1.06113
0.99097      0.92875
  4215340.65 |       1.73611      1.56621      1.42461      1.30464      1.20210      1.11324      1.03569
0.96743      0.90703
  4215320.65 |       1.69504      1.53037      1.39242      1.27587      1.17573      1.08902      1.01322
0.94661      0.88759
  4215300.65 |       1.65779      1.49843      1.36429      1.25066      1.15271      1.06769      0.99345
0.92821      0.87030
  4215280.65 |       1.62267      1.46872      1.33888      1.22809      1.13233      1.04907      0.97620
0.91199      0.85498
  4215260.65 |       1.58796      1.44095      1.31533      1.20747      1.11390      1.03250      0.96084
0.89758      0.84140
  4215240.65 |       1.55423      1.41425      1.29282      1.18815      1.09689      1.01727      0.94706
0.88472      0.82930
  4215220.65 |       1.52037      1.38760      1.27116      1.16959      1.08081      1.00306      0.93413
0.87302      0.81845
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 267
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                               INCLUDING SOURCE(S):     L0000352    , L0000353    , L0000354    , L0000355    ,
L0000356    ,
                L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    , L0000363    ,
L0000364    ,
                L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    , L0000371    ,
L0000372    ,
                L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539465.17    539485.17    539505.17    539525.17    539545.17    539565.17    539585.17
539605.17    539625.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       1.48578      1.36068      1.24960      1.15141      1.06529      0.98951      0.92210
0.86221      0.80851
  4215180.65 |       1.45048      1.33358      1.22762      1.13337      1.05001      0.97613      0.91057
0.85195      0.79927
  4215160.65 |       1.41465      1.30566      1.20564      1.11527      1.03462      0.96314      0.89928
0.84202      0.79031
  4215140.65 |       1.37802      1.27728      1.18328      1.09748      1.01989      0.95061      0.88847
0.83243      0.78200
  4215120.65 |       1.34153      1.24836      1.16053      1.07919      1.00502      0.93804      0.87764
0.82303      0.77376
  4215100.65 |       1.30533      1.21947      1.13746      1.06079      0.98995      0.92538      0.86678
0.81360      0.76551
  4215080.65 |       1.26959      1.19039      1.11413      1.04206      0.97465      0.91260      0.85586
0.80413      0.75721
  4215060.65 |       1.23456      1.16146      1.09063      1.02290      0.95909      0.89952      0.84475
0.79461      0.74881
  4215040.65 |       1.20027      1.13286      1.06697      1.00344      0.94290      0.88619      0.83347
0.78489      0.74026
  4215020.65 |       1.16696      1.10465      1.04337      0.98387      0.92669      0.87268      0.82207
0.77503      0.73174
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	1.13237	1.07302	1.01780	0.96661	0.91932
4215980.65	1.14151	1.08062	1.02433	0.97247	0.92407
4215960.65	1.14962	1.08747	1.03010	0.97757	0.92859
4215940.65	1.15729	1.09385	1.03565	0.98186	0.93230
4215920.65	1.16448	1.09971	1.04036	0.98586	0.93542
4215900.65	1.17110	1.10496	1.04444	0.98922	0.93817
4215880.65	1.17777	1.11019	1.04844	0.99188	0.93994
4215860.65	1.18365	1.11462	1.05163	0.99401	0.94090
4215840.65	1.18862	1.11812	1.05388	0.99493	0.94070
4215820.65	1.19248	1.12052	1.05505	0.99480	0.93974
4215800.65	1.19504	1.12193	1.05497	0.99375	0.93765
4215780.65	1.19606	1.12155	1.05347	0.99137	0.93484
4215760.65	1.19559	1.11948	1.05042	0.98758	0.93051
4215740.65	1.19279	1.11557	1.04571	0.98256	0.92491
4215720.65	1.18779	1.10971	1.03953	0.97585	0.91809
4215700.65	1.18024	1.10165	1.03102	0.96756	0.91017
4215680.65	1.17019	1.09152	1.02128	0.95812	0.90114
4215660.65	1.15808	1.07979	1.01008	0.94775	0.89141
4215640.65	1.14425	1.06679	0.99796	0.93652	0.88141
4215620.65	1.12912	1.05288	0.98522	0.92506	0.87093
4215600.65	1.11362	1.03888	0.97255	0.91356	0.86046
4215580.65	1.09756	1.02451	0.95962	0.90187	0.84984
4215560.65	1.08110	1.01000	0.94643	0.88993	0.83901
4215540.65	1.06432	0.99485	0.93299	0.87777	0.82794
4215520.65	1.04661	0.97901	0.91874	0.86487	0.81608
4215500.65	1.02786	0.96225	0.90367	0.85109	0.80356
4215480.65	1.00786	0.94439	0.88761	0.83647	0.79028
4215460.65	0.98656	0.92549	0.87055	0.82107	0.77621
4215440.65	0.96414	0.90545	0.85257	0.80475	0.76142
4215420.65	0.94103	0.88470	0.83391	0.78790	0.74614
4215400.65	0.91768	0.86370	0.81495	0.77079	0.73050
4215380.65	0.89484	0.84300	0.79618	0.75362	0.71482
4215360.65	0.87316	0.82316	0.77797	0.73690	0.69943
4215340.65	0.85309	0.80460	0.76078	0.72097	0.68466
4215320.65	0.83493	0.78761	0.74488	0.70609	0.67071
4215300.65	0.81866	0.77228	0.73042	0.69244	0.65783
4215280.65	0.80416	0.75855	0.71739	0.68007	0.64608
4215260.65	0.79127	0.74627	0.70569	0.66890	0.63542
4215240.65	0.77977	0.73530	0.69520	0.65887	0.62581
4215220.65	0.76948	0.72547	0.68579	0.64985	0.61715

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	0.76018	0.71665	0.67735	0.64173	0.60934
4215180.65	0.75165	0.70871	0.66976	0.63442	0.60228
4215160.65	0.74368	0.70136	0.66286	0.62782	0.59592
4215140.65	0.73625	0.69453	0.65657	0.62185	0.59019
4215120.65	0.72897	0.68804	0.65066	0.61635	0.58494
4215100.65	0.72172	0.68165	0.64494	0.61111	0.58008
4215080.65	0.71443	0.67526	0.63929	0.60608	0.57546
4215060.65	0.70707	0.66880	0.63361	0.60107	0.57099
4215040.65	0.69952	0.66216	0.62777	0.59593	0.56650
4215020.65	0.69199	0.65550	0.62184	0.59079	0.56195

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	6.25853	539351.84	4215428.70	5.39179
539361.84	4215428.70	4.71150	539371.84	4215428.70	4.17635
539381.84	4215428.70	3.74882	539341.84	4215438.70	6.60115

539351.84	4215438.70	5.62870	539361.84	4215438.70	4.89064
539371.84	4215438.70	4.32169	539381.84	4215438.70	3.87144
539341.84	4215448.70	6.98141	539351.84	4215448.70	5.89569
539361.84	4215448.70	5.09669	539371.84	4215448.70	4.48899
539381.84	4215448.70	4.01159	539341.84	4215458.70	7.41393
539351.84	4215458.70	6.20195	539361.84	4215458.70	5.33187
539371.84	4215458.70	4.67753	539381.84	4215458.70	4.16563
539341.84	4215468.70	7.90679	539351.84	4215468.70	6.54694
539361.84	4215468.70	5.59210	539371.84	4215468.70	4.88106
539381.84	4215468.70	4.32937	539113.88	4215517.52	9.71245
539096.52	4215515.99	8.53341	539108.26	4215501.18	8.36802
539096.01	4215500.67	7.73444	539108.26	4215486.38	7.62357
539094.47	4215485.36	7.01414	539135.32	4215461.36	7.60738
539150.13	4215439.91	7.16463	539114.39	4215452.68	6.46195
539123.07	4215439.40	6.24880	539159.32	4215421.02	6.63416
539145.02	4215416.43	6.05017	539134.30	4215410.81	5.60181
539131.75	4215425.11	5.99652	539206.80	4215383.75	6.33125
539215.99	4215372.52	6.04669	539188.93	4215382.22	5.87534
539176.17	4215379.67	5.52897	539165.44	4215376.09	5.21751
539248.79	4215356.71	5.81754	539243.45	4215348.45	5.45954
539265.58	4215345.25	5.41235	539260.78	4215338.05	5.15805
539256.25	4215351.38	5.63791	539272.77	4215331.92	4.93955
539264.78	4215324.99	4.75071	539280.77	4215321.79	4.60334
539279.97	4215307.14	4.23708	539287.97	4215313.80	4.34730
539297.83	4215304.74	4.05699	539289.56	4215296.21	3.94330
539311.15	4215287.68	3.60493	539303.69	4215281.28	3.56450
539303.69	4215296.21	3.83027	539314.25	4215271.79	3.32840
539329.09	4215260.48	3.04535	539339.69	4215237.16	2.70612
539357.36	4215232.92	2.51700	539394.11	4215199.70	2.00837
539044.99	4215579.21	9.00453	539034.39	4215591.93	9.04732
539054.88	4215556.59	8.38574	539058.42	4215538.92	7.73243
539054.88	4215520.55	6.84872	539082.44	4215477.44	6.31305
539073.96	4215466.13	5.71992	539098.70	4215440.69	5.63087
539109.30	4215426.56	5.48386	539117.07	4215415.96	5.36416
539125.55	4215401.11	5.14244	539158.77	4215367.19	4.86905

539150.29	4215357.30	4.51317	539184.21	4215339.63	4.56229
539222.37	4215324.79	4.58889	539243.58	4215317.72	4.52667

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	2.14635	539364.42	4215191.93	2.18238
539344.64	4215200.41	2.36716	539409.65	4215113.48	1.58917
539355.94	4215136.80	1.92671	539262.66	4215288.75	3.89231
539282.44	4215261.19	3.36677	539299.41	4215235.04	2.94819
539168.92	4215647.77	21.20275	538947.70	4216163.58	25.36761
539352.12	4215798.21	4.05612	539367.62	4215566.76	6.02578
539278.26	4215504.64	13.02018	539297.51	4215494.11	15.64058
539323.66	4215486.12	15.43774	539342.55	4215482.85	8.52471
539367.23	4215481.23	5.47803	539397.77	4215487.94	3.88869
539352.73	4215556.41	7.44554	539337.83	4215546.05	9.69034
539322.94	4215535.70	13.68908	539308.05	4215525.35	22.35454
539293.15	4215514.99	9.48724	539287.89	4215499.38	9.53806
539310.58	4215490.12	9.89855	539354.89	4215482.04	6.66665
539382.50	4215484.59	4.55258	539391.74	4215503.70	4.32542
539385.71	4215519.47	4.79871	539379.68	4215535.23	5.27146
539373.65	4215551.00	5.69042			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***

INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	0.97601	1.03105	1.08829	1.14765	1.20825	1.26999	1.33218	1.39420	1.45543
4215980.65	0.99062	1.04931	1.11151	1.17643	1.24343	1.31253	1.38306	1.45473	1.52599
4215960.65	1.00272	1.06533	1.13201	1.20236	1.27574	1.35235	1.43161	1.51356	1.59616
4215940.65	1.01291	1.07882	1.14966	1.22514	1.30474	1.38884	1.47701	1.56901	1.66444
4215920.65	1.02116	1.08989	1.16443	1.24464	1.33013	1.42150	1.51851	1.62117	1.72933
4215900.65	1.02781	1.09882	1.17615	1.26087	1.35173	1.44994	1.55550	1.66873	1.78981
4215880.65	1.03334	1.10571	1.18584	1.27404	1.36957	1.47396	1.58804	1.71149	1.84478
4215860.65	1.03825	1.11175	1.19369	1.28459	1.38440	1.49415	1.61546	1.74902	1.89464
4215840.65	1.04268	1.11720	1.20033	1.29273	1.39589	1.51094	1.63846	1.78054	1.93687
4215820.65	1.04759	1.12253	1.20639	1.30003	1.40570	1.52402	1.65700	1.80560	1.97186
4215800.65	1.05284	1.12805	1.21235	1.30675	1.41374	1.53479	1.67135	1.82613	1.99989
4215780.65	1.05840	1.13386	1.21808	1.31336	1.42065	1.54246	1.68123	1.83972	2.01937
4215760.65	1.06410	1.13947	1.22437	1.32005	1.42736	1.54996	1.68943	1.85024	2.03470
4215740.65	1.06965	1.14536	1.23062	1.32668	1.43443	1.55642	1.69663	1.85878	2.04563
4215720.65	1.07604	1.15080	1.23646	1.33246	1.44057	1.56296	1.70300	1.86591	2.05500
4215700.65	1.08051	1.15721	1.24150	1.33792	1.44589	1.56863	1.70904	1.87164	2.06239
4215680.65	1.08570	1.16090	1.24685	1.34226	1.45060	1.57370	1.71449	1.87748	2.06878
4215660.65	1.08788	1.16520	1.24963	1.34540	1.45403	1.57741	1.71844	1.88167	2.07322
4215640.65	1.09254	1.16637	1.25319	1.34916	1.45806	1.58170	1.72296	1.88632	2.07501
4215620.65	1.09761	1.17108	1.25452	1.35090	1.45985	1.58454	1.72577	1.88803	2.07845
4215600.65	1.09883	1.17644	1.25769	1.35369	1.46260	1.58615	1.72719	1.89023	2.07994
4215580.65	1.09991	1.17785	1.26161	1.35710	1.46594	1.58934	1.73012	1.89147	2.08223
4215560.65	1.10034	1.17844	1.26520	1.36043	1.46900	1.59202	1.73224	1.89421	2.08126
4215540.65	1.09889	1.17622	1.26326	1.36092	1.46870	1.59069	1.72956	1.88998	2.07452
4215520.65	1.09401	1.17058	1.25688	1.35369	1.45974	1.57959	1.71578	1.87315	2.05865
4215500.65	1.08361	1.15970	1.24459	1.33975	1.44311	1.56112	1.69513		

1.84820 2.02644
4215480.65 | 1.06873 1.14302 1.22579 1.31708 1.41955 1.53345 1.66238
1.81137 1.97981
4215460.65 | 1.04892 1.12081 1.20073 1.28843 1.38658 1.49694 1.62168
1.76101 1.92004
4215440.65 | 1.02491 1.09385 1.16880 1.25368 1.34857 1.45314 1.57105
1.70489 1.85160
4215420.65 | 0.99756 1.06169 1.13402 1.21434 1.30400 1.40249 1.51609
1.64263 1.78085
4215400.65 | 0.96772 1.02824 1.09658 1.17249 1.25531 1.35058 1.45862
1.57905 1.71046
4215380.65 | 0.93504 0.99358 1.05841 1.13069 1.20974 1.30119 1.40519
1.52108 1.64721
4215360.65 | 0.90362 0.95955 1.02184 1.08976 1.16826 1.25717 1.35812
1.46729 1.58798
4215340.65 | 0.87384 0.92816 0.98729 1.05555 1.13252 1.21937 1.31480
1.42189 1.53615
4215320.65 | 0.84738 0.90100 0.95948 1.02684 1.10036 1.18239 1.27568
1.37415 1.48236
4215300.65 | 0.82526 0.87714 0.93655 1.00262 1.07210 1.15031 1.23574
1.32651 1.42478
4215280.65 | 0.80611 0.85887 0.91703 0.98074 1.04679 1.11815 1.19484
1.27705 1.36727
4215260.65 | 0.79147 0.84291 0.89871 0.95740 1.01874 1.08247 1.15176
1.22549 1.30631
4215240.65 | 0.77817 0.82723 0.87957 0.93382 0.98980 1.04740 1.10821
1.17448 1.24758
4215220.65 | 0.76442 0.81018 0.85719 0.90770 0.95828 1.01149 1.06647
1.12842 1.19591

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***

INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215200.65	0.74896	0.79089	0.83359	0.87928	0.92496	0.97449	1.02620	1.08225	1.14549
4215180.65	0.73128	0.76839	0.80796	0.84941	0.89213	0.93779	0.98724	1.04014	1.09891
4215160.65	0.71069	0.74515	0.78116	0.81916	0.85867	0.90251	0.94931	1.00114	1.05641
4215140.65	0.68955	0.72102	0.75416	0.78854	0.82665	0.86827	0.91422	0.96421	1.01785
4215120.65	0.66773	0.69682	0.72780	0.76027	0.79662	0.83661	0.87989	0.92945	0.98291
4215100.65	0.64596	0.67327	0.70184	0.73378	0.76883	0.80756	0.84964	0.89789	0.95005
4215080.65	0.62484	0.65010	0.67834	0.70925	0.74329	0.78009	0.82208	0.86918	0.92117
4215060.65	0.60478	0.62917	0.65658	0.68668	0.71906	0.75588	0.79693	0.84293	0.89363

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***

INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	1.51469	1.57168	1.62621	1.67862	1.72947	1.77965	1.82999	1.88183	1.93586
4215980.65	1.59614	1.66408	1.72926	1.79178	1.85199	1.91069	1.96879	2.02771	2.08847
4215960.65	1.67853	1.75935	1.83742	1.91256	1.98475	2.05462	2.12312	2.19126	2.26065
4215940.65	1.76058	1.85621	1.94963	2.04031	2.12765	2.21175	2.29392	2.37454	2.45524
4215920.65	1.84059	1.95267	2.06418	2.17358	2.27981	2.38227	2.48227	2.57944	2.67536
4215900.65	1.91612	2.04710	2.17901	2.31047	2.43977	2.56545	2.68834	2.80734	2.92366
4215880.65	1.98747	2.13705	2.29143	2.44809	2.60491	2.75932	2.91182	3.05890	3.20274
4215860.65	2.05154	2.22046	2.39757	2.58193	2.77036	2.96057	3.14971	3.33479	3.51481
4215840.65	2.10859	2.29580	2.49688	2.71082	2.93462	3.16554	3.39956	3.63276	3.86052
4215820.65	2.15634	2.36159	2.58624	2.83046	3.09214	3.36743	3.65613	3.94859	4.23893
4215800.65	2.19610	2.41681	2.66371	2.93768	3.23825	3.56295	3.91249	4.27572	4.64354
4215780.65	2.22563	2.46113	2.72796	3.03121	3.37019	3.74791	4.16228	4.60560	5.07174
4215760.65	2.24771	2.49398	2.77985	3.10809	3.48462	3.91310	4.39690	4.92904	5.50638
4215740.65	2.26396	2.51901	2.81771	3.16783	3.57587	4.05331	4.60320	5.23069	5.93314
4215720.65	2.27597	2.53708	2.84460	3.20987	3.64672	4.16501	4.77533	5.49683	6.33171
4215700.65	2.28589	2.54861	2.86278	3.23973	3.69494	4.24493	4.90792	5.71178	6.68003
4215680.65	2.29310	2.55724	2.87423	3.25683	3.72109	4.29453	4.99640	5.86966	6.95754
4215660.65	2.29667	2.56243	2.88047	3.26549	3.73514	4.32051	5.04664	5.96859	7.15049
4215640.65	2.29941	2.56505	2.88300	3.26633	3.73929	4.32916	5.06644	6.01527	7.25789
4215620.65	2.30111	2.56627	2.88180	3.26580	3.73772	4.32417	5.06219	6.01847	7.28695
4215600.65	2.30275	2.56721	2.88161	3.26396	3.73348	4.31657	5.05014		

6.00224   7.27137
  4215580.65 | 2.30457   2.56647   2.88085   3.26093   3.72700   4.30480   5.03017
5.97012   7.22209
  4215560.65 | 2.30181   2.56372   2.87695   3.25350   3.71164   4.28410   4.99703
5.91751   7.13854
  4215540.65 | 2.29314   2.55348   2.86126   3.23234   3.68374   4.24304   4.93615
5.82611   6.99851
  4215520.65 | 2.27099   2.52631   2.83011   3.18760   3.62937   4.16760   4.83018
5.67471   6.77739
  4215500.65 | 2.23659   2.48246   2.76838   3.11842   3.54114   4.04688   4.66791
5.45298   6.46745
  4215480.65 | 2.17411   2.41153   2.68964   3.01415   3.41241   3.89328   4.46849
5.18913   6.10839
  4215460.65 | 2.10289   2.31492   2.58139   2.89778   3.27179   3.70920   4.23660
4.88926   5.70708
  4215440.65 | 2.02329   2.21810   2.45533   2.76523   3.11189   3.52942   4.00915
4.59235   5.30803
  4215420.65 | 1.93946   2.12296   2.34672   2.61033   2.95756   3.34037   3.76996
4.28259   4.90144
  4215400.65 | 1.86137   2.03556   2.24661   2.49210   2.80554   3.16175   3.54165
3.98918   4.52594
  4215380.65 | 1.79138   1.95244   2.14897   2.37836   2.64101   2.95770   3.28915
3.67818   4.14612
  4215360.65 | 1.72437   1.87806   2.05829   2.26517   2.49898   2.76046   3.05102
3.39330   3.80854
  4215340.65 | 1.66320   1.80397   1.96652   2.15111   2.35448   2.59077   2.85028
3.15922   3.53811
  4215320.65 | 1.59824   1.72774   1.87300   2.03753   2.21922   2.43194   2.67286
2.95794   3.31642
  4215300.65 | 1.53118   1.64684   1.77938   1.92420   2.09205   2.28709   2.51054
2.78212   3.11854
  4215280.65 | 1.46247   1.56850   1.68575   1.82058   1.97559   2.15765   2.36806
2.62891   2.95077
  4215260.65 | 1.39389   1.49235   1.60010   1.72544   1.87104   2.04010   2.24688
2.49451   2.79755
  4215240.65 | 1.32946   1.41846   1.52132   1.63969   1.77818   1.93963   2.13675
2.37524   2.66002
  4215220.65 | 1.27056   1.35246   1.45008   1.56318   1.69343   1.85071   2.03883
2.26470   2.53141

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                               INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
 -
- - - - - - - -

  4215200.65 | 1.21448   1.29443   1.38623   1.49291   1.62043   1.77128   1.95072
2.16136   2.41356
  4215180.65 | 1.16507   1.24045   1.32910   1.43214   1.55494   1.69958   1.86799
2.06956   2.30462
  4215160.65 | 1.11894   1.19197   1.27611   1.37742   1.49561   1.63416   1.79454
1.98463   2.20321

  4215140.65 | 1.07872   1.14979   1.23151   1.32945   1.44134   1.57188   1.72655
1.90554   2.10831
  4215120.65 | 1.04361   1.11290   1.19232   1.28538   1.39307   1.51622   1.66324
1.83149   2.01714
  4215100.65 | 1.01041   1.07781   1.15619   1.24457   1.34648   1.46437   1.60401
1.76183   1.93323
  4215080.65 | 0.97997   1.04667   1.12123   1.20652   1.30302   1.41589   1.54835
1.69435   1.85382
  4215060.65 | 0.95184   1.01765   1.08985   1.17089   1.26385   1.37039   1.49583
1.63213   1.77850
  4215040.65 | 0.92455   0.98817   1.05788   1.13742   1.22702   1.33047   1.44892
1.57562   1.70932
  4215020.65 | 0.89895   0.95934   1.02782   1.10466   1.19359   1.29240   1.40385
1.52118   1.64298

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                               INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
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- - - - - - - -

  4216000.65 | 1.99371   2.05647   2.12555   2.20338   2.29248   2.39683   2.52131
2.66804   2.83920
  4215980.65 | 2.15290   2.22242   2.29871   2.38450   2.48228   2.59807   2.73535
2.89888   3.09063
  4215960.65 | 2.33328   2.41095   2.49574   2.59081   2.69973   2.82780   2.98091
3.16429   3.38039
  4215940.65 | 2.53841   2.62625   2.72131   2.82738   2.94881   3.09185   3.26357
3.47040   3.71536
  4215920.65 | 2.77234   2.87329   2.98121   3.10057   3.23687   3.39765   3.59147
3.82625   4.10574
  4215900.65 | 3.03948   3.15788   3.28242   3.41843   3.57281   3.75485   3.97607
4.24362   4.56482
  4215880.65 | 3.34429   3.48641   3.63329   3.79093   3.96779   4.17609   4.42857
4.73930   5.11022
  4215860.65 | 3.69091   3.86588   4.04384   4.23077   4.43712   4.67762   4.97029
5.33168   5.76569
  4215840.65 | 4.08341   4.30395   4.52517   4.75349   4.99964   5.28249   5.62570
6.05060   6.56213
  4215820.65 | 4.52413   4.80698   5.08966   5.37721   5.68048   6.02077   6.42980
6.93615   7.54707
  4215800.65 | 5.01349   5.38162   5.75026   6.12269   6.50905   6.93247   7.43082
8.04583   8.78942
  4215780.65 | 5.54737   6.02984   6.51587   7.01158   7.52182   8.06931   8.69761
9.46196   10.38688
  4215760.65 | 6.11581   6.75010   7.39819   8.06716   8.75874   9.49586   10.32335
11.31041   12.49222
  4215740.65 | 6.70442   7.52873   8.40018   9.31155   10.26770   11.29515   12.43942
13.77716   15.34577
  4215720.65 | 7.28546   8.35381   9.51620   10.76460   12.10099   13.56774   15.22092
17.14466   19.34710
  4215700.65 | 7.83488   9.18890   10.72497   12.42887   14.31518   16.43722   18.91286

21.82668   25.17915
  4215680.65 | 8.31172   9.98192   11.98040   14.30189   16.97849   20.07869   23.84544
28.50062   33.97354
  4215660.65 | 8.68051   10.66700   13.18544   16.32225   20.11527   24.71288   30.55779
38.18834   47.70871
  4215640.65 | 8.91936   11.17045   14.23333   18.34289   23.70936   30.64154   39.90133
52.86545   70.35219
  4215620.65 | 9.02986   11.47035   14.98711   20.11156   27.53201   38.17710   53.63725
77.06755   111.73679
  4215600.65 | 9.02701   11.56384   15.36017   21.30772   30.97812   47.19752   75.01042
123.64473   119.78004
  4215580.65 | 8.95799   11.48818   15.35119   21.65247   33.01800   56.07376   111.30848
59.76589   102.61476
  4215560.65 | 8.82438   11.27536   14.99855   21.19248   32.79103   59.72992   64.39325
95.50253   60.86419
  4215540.65 | 8.60407   10.91608   14.38099   20.05235   30.43710   53.94751   65.97434
66.88650   141.36102
  4215520.65 | 8.27081   10.37509   13.49546   18.40575   26.92179   44.21623   89.51012
115.21961   97.04984
  4215500.65 | 7.82262   9.70717   12.40520   16.48071   23.12193   35.49851   61.34316
114.70649   124.00199
  4215480.65 | 7.31360   8.94751   11.21165   14.48988   19.68055   28.57849   44.39474
70.30182   105.02413
  4215460.65 | 6.75580   8.15494   10.03115   12.69408   16.77904   23.30222   33.55598
48.01864   64.34294
  4215440.65 | 6.20739   7.39075   8.94814   11.16221   14.43643   19.31867   26.24776
35.15440   44.23990
  4215420.65 | 5.67195   6.68646   8.02783   9.89419   12.55399   16.25733   21.17154
26.98023   32.53392
  4215400.65 | 5.19477   6.06058   7.23813   8.84511   11.02752   13.89606   17.46439
21.42906   25.04974
  4215380.65 | 4.73541   5.54182   6.58309   7.95798   9.75999   12.01721   14.66351
17.47100   19.98522
  4215360.65 | 4.33836   5.08690   6.01591   7.20740   8.70029   10.49157   12.49040
14.52998   16.36853
  4215340.65 | 4.02413   4.69333   5.53897   6.55971   7.80656   9.23289   10.75988
12.30441   13.68753
  4215320.65 | 3.76865   4.35153   5.09971   6.00189   7.03406   8.18665   9.39213
10.58556   11.64841
  4215300.65 | 3.54605   4.07345   4.73791   5.49487   6.36848   7.30155   8.26555
9.21425   10.05751
  4215280.65 | 3.34363   3.82495   4.39946   5.05885   5.79293   6.55532   7.33831
8.10192   8.77876
  4215260.65 | 3.16696   3.60458   4.10844   4.67202   5.28455   5.91972   6.55739
7.18659   7.73898
  4215240.65 | 3.00154   3.39764   3.84273   4.32860   4.84292   5.37026   5.90095
6.42020   6.88110
  4215220.65 | 2.84598   3.20336   3.59919   4.02145   4.46424   4.89422   5.33920
5.77188   6.16103

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                              INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
               L0000477   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17

539245.17   539265.17
 -
- - - - - - - -

4215200.65 |	2.70247	3.02703	3.37543	3.74273	4.12043	4.47944	4.85405	5.22099	5.55309
4215180.65 |	2.56925	2.86055	3.16951	3.48774	3.81249	4.12231	4.44026	4.75388	5.04193
4215160.65 |	2.44498	2.70807	2.98159	3.25796	3.53860	3.80720	4.07694	4.34598	4.59644
4215140.65 |	2.32864	2.56570	2.80638	3.04881	3.29295	3.52460	3.76486	3.99697	4.22008
4215120.65 |	2.21940	2.43114	2.64478	2.85823	3.07153	3.28895	3.49081	3.69615	3.88321
4215100.65 |	2.11664	2.30698	2.49565	2.68368	2.87251	3.06481	3.26095	3.43197	3.59956
4215080.65 |	2.01981	2.18974	2.35795	2.52503	2.69228	2.86386	3.03963	3.21371	3.34982
4215060.65 |	1.92968	2.08127	2.23073	2.37988	2.52922	2.68300	2.84096	2.99833	3.14421
4215040.65 |	1.84437	1.97981	2.11312	2.24621	2.38075	2.51975	2.66271	2.80518	2.93755
4215020.65 |	1.76453	1.88489	2.00430	2.12370	2.24536	2.37181	2.50206	2.63190	2.75179

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***
INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 ,
L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS) |	X-COORD (METERS) 539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65 |	3.02830	3.22861	3.42513	3.60035	3.73625	3.81792	3.83185	3.78199	3.67715
4215980.65 |	3.30442	3.52933	3.74816	3.93789	4.08019	4.15657	4.15490	4.07828	3.94101
4215960.65 |	3.62202	3.87576	4.12024	4.32740	4.47303	4.53809	4.51275	4.40391	4.22705
4215940.65 |	3.99005	4.27775	4.54999	4.77573	4.92412	4.97161	4.91664	4.76674	4.54166
4215920.65 |	4.41998	4.74801	5.05425	5.29755	5.44260	5.46632	5.36874	5.16676	4.88574
4215900.65 |	4.92684	5.30309	5.64873	5.90958	6.04780	6.03340	5.88189	5.61105	5.26262
4215880.65 |	5.53056	5.96282	6.35381	6.63355	6.75606	6.69395	6.46306	6.10548	5.67104
4215860.65 |	6.25604	6.75577	7.19884	7.49800	7.59502	7.45977	7.12720	6.65708	6.12362
4215840.65 |	7.13945	7.72723	8.22702	8.54121	8.58857	8.35268	7.88491	7.27456	6.62128
4215820.65 |	8.23762	8.92805	9.50033	9.81548	9.78610	9.40043	8.74873	7.96908	7.17945
4215800.65 |	9.62421	10.44761	11.09217	11.39403	11.23378	10.63886	9.74879		

8.75534   7.80710
  4215780.65 | 11.42074   12.41154   13.14222   13.38982   13.01933   12.11524   10.90918
9.65819   8.52419
  4215760.65 | 13.79448   15.00741   15.83668   15.96427   15.25431   13.89907   12.26767
10.70465   9.34530
  4215740.65 | 17.03643   18.54761   19.46356   19.35007   18.08528   16.06595   13.87523
11.91744   10.28728
  4215720.65 | 21.63849   23.57687   24.55508   23.96734   21.76533   18.74484   15.80045
13.33218   11.35108
  4215700.65 | 28.50303   31.11269   32.09803   30.54959   26.68070   22.10023   18.09425
14.94725   12.49242
  4215680.65 | 39.38378   43.33011   44.21925   40.55837   33.46295   26.31698   20.75453
16.65870   13.58924
  4215660.65 | 57.79837   65.54809   66.65149   57.33041   43.01189   31.38798   23.53834
18.21272   14.45639
  4215640.65 | 91.36493   113.73643   121.14859   89.47453   55.77601   36.53821   25.82517
19.27693   14.95232
  4215620.65 | 162.16539   131.86326   86.58449   52.19634   68.22172   39.91297   26.98789
19.69917   15.08576
  4215600.65 | 85.05955   83.71009   50.99509   61.25969   70.70041   40.08713   26.90375
19.55075   14.92238
  4215580.65 | 109.82616   178.42671   60.99517   125.51364   63.10765   37.92189   25.86286
18.91942   14.49077
  4215560.65 | 226.84562   164.67232   153.04655   92.57401   55.08867   35.03805   24.27483
17.92139   13.82664
  4215540.65 | 143.11597   211.41159   122.12690   75.63970   48.22226   31.99617   22.51489
16.76882   13.04011
  4215520.65 | 82.01854   96.54851   106.14269   63.26612   41.85044   28.87704   20.75017
15.61342   12.23145
  4215500.65 | 101.63659   68.94321   84.92070   52.09386   35.93767   25.75260   18.99263
14.49921   11.44597
  4215480.65 | 127.76383   101.74631   64.09590   42.72399   30.67712   22.78159   17.25881
13.39504   10.68995
  4215460.65 | 73.72705   66.22380   49.46172   35.63490   26.46377   20.17716   15.64907
12.35980   9.96329
  4215440.65 | 49.37012   47.07885   38.99075   30.13678   23.15987   18.03290   14.26166
11.42958   9.31063
  4215420.65 | 35.79743   35.24167   31.18050   25.62467   20.45276   16.28070   13.08447
10.62145   8.72517
  4215400.65 | 27.33906   27.43022   25.31266   21.84949   18.11628   14.78974   12.07123
9.91851   8.22140
  4215380.65 | 21.66057   21.99081   20.87407   18.68836   16.04989   13.45637   11.17821
9.29388   7.77027
  4215360.65 | 17.64404   18.04726   17.46779   16.08310   14.22117   12.22829   10.35231
8.72379   7.36517
  4215340.65 | 14.68662   15.08517   14.81439   13.93184   12.62261   11.10663   9.58514
8.19045   6.98434
  4215320.65 | 12.44006   12.82617   12.71551   12.14713   11.21301   10.07158   8.85306
7.67904   6.62288
  4215300.65 | 10.69658   11.04320   11.03034   10.66087   9.99979   9.13634   8.16693
7.18940   6.27458
  4215280.65 | 9.30834   9.61582   9.65888   9.42523   8.95253   8.29789   7.52532
6.71790   5.93369
  4215260.65 | 8.18349   8.45480   8.52458   8.38617   8.04793   7.55025   6.93704
6.27281   5.60546
  4215240.65 | 7.25444   7.49729   7.58381   7.50613   7.26475   6.88275   6.39824
5.85535   5.29030
  4215220.65 | 6.48090   6.69807   6.79217   6.75554   6.58173   6.29277   5.90967
5.46190   4.98725

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***

INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 ,
L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	5.82949	6.02380	6.11995	6.11105	5.98893	5.76858	5.46360	5.09786	4.69983
4215180.65	5.28512	5.46212	5.55896	5.55176	5.46997	5.30223	5.05923	4.76055	4.42555
4215160.65	4.80994	4.96919	5.06142	5.08331	5.01380	4.88656	4.69288	4.44906	4.16854
4215140.65	4.41120	4.55788	4.63326	4.66181	4.61119	4.51524	4.36091	4.16066	3.92473
4215120.65	4.05408	4.18668	4.25855	4.29114	4.27051	4.18272	4.05988	3.89541	3.69577
4215100.65	3.74063	3.86126	3.94142	3.96355	3.95425	3.89846	3.78661	3.65157	3.48355
4215080.65	3.47637	3.57381	3.64881	3.67339	3.67118	3.63040	3.55194	3.42631	3.28599
4215060.65	3.24309	3.31837	3.38863	3.42673	3.43143	3.40218	3.32647	3.23324	3.10226
4215040.65	3.05045	3.10242	3.15626	3.19443	3.20358	3.18312	3.12108	3.04453	2.93146
4215020.65	2.85525	2.91186	2.96001	2.98549	2.99793	2.98427	2.93364	2.87062	2.78506

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***
INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 ,
L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	3.52612	3.34726	3.15173	2.95514	2.76617	2.58872	2.42650	2.27860	2.14148
4215980.65	3.75572	3.54267	3.32053	3.09907	2.89190	2.70159	2.52694	2.36988	2.22476
4215960.65	4.00352	3.75559	3.50059	3.25432	3.02801	2.82150	2.63500	2.46694	2.31308
4215940.65	4.27331	3.98213	3.69344	3.42094	3.17303	2.95094	2.75167	2.57148	2.40793
4215920.65	4.56318	4.22605	3.90109	3.60265	3.33172	3.09125	2.87659	2.68424	2.50982
4215900.65	4.87772	4.48990	4.12608	3.79827	3.50447	3.24383	3.01340		

2.80591 2.61919
4215880.65 | 5.21568 4.77486 4.37155 4.01216 3.69328 3.41170 3.16315
2.93961 2.73847
4215860.65 | 5.58843 5.08729 4.63917 4.24724 3.90018 3.59620 3.32506
3.08272 2.86452
4215840.65 | 5.99692 5.43262 4.93744 4.50652 4.12867 3.79484 3.49871
3.23379 2.99624
4215820.65 | 6.45143 5.81453 5.26654 4.79063 4.37609 4.00829 3.68173
3.39068 3.12698
4215800.65 | 6.96170 6.24535 5.63245 5.10432 4.64241 4.23268 3.86877
3.54458 3.25174
4215780.65 | 7.55060 6.73463 6.04112 5.44440 4.92127 4.45971 4.05228
3.68814 3.36288
4215760.65 | 8.21361 7.27481 6.47956 5.79631 5.19953 4.67748 4.21715
3.81122 3.45255
4215740.65 | 8.95570 7.85782 6.93168 6.14082 5.45697 4.86575 4.35151
3.90430 3.51565
4215720.65 | 9.75547 8.45067 7.36256 6.44708 5.67098 5.00898 4.44438
3.96109 3.54697
4215700.65 | 10.55128 8.99409 7.72289 6.68046 5.81646 5.09455 4.48968
3.97981 3.54853
4215680.65 | 11.23979 9.41368 7.97173 6.81883 5.88647 5.12198 4.49125
3.96625 3.52674
4215660.65 | 11.71540 9.66478 8.09212 6.86570 5.89041 5.10344 4.46142
3.93173 3.49138
4215640.65 | 11.93714 9.74543 8.10221 6.83909 5.84803 5.05557 4.41355
3.88667 3.45042
4215620.65 | 11.94645 9.70158 8.03618 6.76652 5.77835 4.99210 4.35747
3.83803 3.40872
4215600.65 | 11.79004 9.56309 7.91618 6.66483 5.69319 4.92159 4.29939
3.79030 3.36945
4215580.65 | 11.47658 9.33182 7.74095 6.53126 5.58841 4.83953 4.23463
3.73985 3.32817
4215560.65 | 11.01745 9.00762 7.50823 6.35889 5.45888 4.74064 4.15906
3.67983 3.28065
4215540.65 | 10.46687 8.61548 7.22272 6.14908 5.30083 4.61987 4.06533
3.60630 3.22234
4215520.65 | 9.88309 8.18642 6.90238 5.90658 5.11536 4.47617 3.95177
3.51612 3.15006
4215500.65 | 9.30848 7.74748 6.56387 5.64211 4.90746 4.31127 3.81958
3.40935 3.06376
4215480.65 | 8.74395 7.31148 6.21889 5.36584 4.68566 4.13193 3.67323
3.28944 2.96419
4215460.65 | 8.20485 6.88727 5.88017 5.08973 4.45938 3.94550 3.51894
3.16038 2.85579
4215440.65 | 7.71195 6.49497 5.55950 4.82673 4.23913 3.76076 3.36288
3.02833 2.74319
4215420.65 | 7.27456 6.14703 5.27295 4.58637 4.03498 3.58540 3.21277
2.89862 2.63117
4215400.65 | 6.88615 5.84234 5.02360 4.37465 3.85365 3.42736 3.07338
2.77651 2.52391
4215380.65 | 6.55042 5.58226 4.81198 4.19400 3.69604 3.28765 2.94924
2.66539 2.42480
4215360.65 | 6.24924 5.35011 4.62599 4.03859 3.55950 3.16662 2.84022
2.56711 2.33579
4215340.65 | 5.97186 5.14246 4.46099 3.90135 3.44237 3.06210 2.74623
2.48120 2.25750
4215320.65 | 5.71034 4.94675 4.30668 3.77720 3.33727 2.97102 2.66456
2.40761 2.18987
4215300.65 | 5.45902 4.76045 4.16418 3.66358 3.24266 2.88929 2.59289
2.34342 2.13090
4215280.65 | 5.21422 4.57781 4.02762 3.55677 3.15576 2.81671 2.53014
2.28690 2.07917
4215260.65 | 4.97179 4.40059 3.89437 3.45395 3.07381 2.74978 2.47251
2.23593 2.03337
4215240.65 | 4.73800 4.22711 3.76278 3.35321 2.99469 2.68552 2.41920
2.18951 1.99201
4215220.65 | 4.51053 4.05497 3.63331 3.25330 2.91693 2.62335 2.36714
2.14572 1.95384

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***

INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	4.28835	3.88450	3.50407	3.15356	2.83960	2.56213	2.31746	2.10413	1.91796
4215180.65	4.07290	3.71777	3.37397	3.05369	2.76216	2.50033	2.26846	2.06377	1.88377
4215160.65	3.86544	3.55295	3.24591	2.95367	2.68350	2.43917	2.21957	2.02393	1.85002
4215140.65	3.66458	3.39247	3.11922	2.85564	2.60706	2.37908	2.17173	1.98469	1.81817
4215120.65	3.47374	3.23616	2.99461	2.75694	2.53015	2.31839	2.12341	1.94574	1.78626
4215100.65	3.29313	3.08679	2.87277	2.65989	2.45298	2.25713	2.07454	1.90637	1.75409
4215080.65	3.12273	2.94283	2.75427	2.56404	2.37588	2.19544	2.02514	1.86654	1.72159
4215060.65	2.96231	2.80552	2.63961	2.46924	2.29921	2.13295	1.97476	1.82623	1.68832
4215040.65	2.81153	2.67494	2.52842	2.37605	2.22160	2.07000	1.92359	1.78463	1.65429
4215020.65	2.66921	2.55103	2.42169	2.28554	2.14594	2.00746	1.87230	1.74228	1.61994

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***

INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	2.01687	1.90399	1.79975	1.70387	1.61610
4215980.65	2.09393	1.97375	1.86370	1.76334	1.67019

4215960.65	2.17449	2.04729	1.93094	1.82568	1.72803
4215940.65	2.26071	2.12573	2.00323	1.89082	1.78800
4215920.65	2.35295	2.20922	2.07879	1.95983	1.85004
4215900.65	2.45130	2.29748	2.15775	2.03094	1.91361
4215880.65	2.55748	2.39156	2.24056	2.10238	1.97531
4215860.65	2.66787	2.48745	2.32305	2.17254	2.03346
4215840.65	2.77953	2.58190	2.40194	2.23664	2.08453
4215820.65	2.88800	2.67059	2.47332	2.29219	2.12747
4215800.65	2.98751	2.74960	2.53316	2.33703	2.15926
4215780.65	3.07178	2.81197	2.57795	2.36794	2.18015
4215760.65	3.13627	2.85500	2.60547	2.38383	2.18745
4215740.65	3.17509	2.87697	2.61538	2.38610	2.18312
4215720.65	3.18885	2.87886	2.61036	2.37537	2.16960
4215700.65	3.17976	2.86353	2.59089	2.35536	2.15017
4215680.65	3.15407	2.83664	2.56525	2.33101	2.12760
4215660.65	3.11999	2.80495	2.53645	2.30596	2.10542
4215640.65	3.08353	2.77294	2.50861	2.28188	2.08597
4215620.65	3.04801	2.74281	2.48311	2.26108	2.06841
4215600.65	3.01575	2.71626	2.46119	2.24287	2.05326
4215580.65	2.98249	2.68930	2.43918	2.22474	2.03826
4215560.65	2.94451	2.65946	2.41425	2.20423	2.02127
4215540.65	2.89855	2.62164	2.38408	2.17936	2.00063
4215520.65	2.84004	2.57396	2.34490	2.14684	1.97302
4215500.65	2.76881	2.51526	2.29617	2.10560	1.93833
4215480.65	2.68604	2.44613	2.23811	2.05612	1.89634
4215460.65	2.59459	2.36908	2.17220	1.99986	1.84774
4215440.65	2.49823	2.28625	2.10086	1.93784	1.79397
4215420.65	2.40117	2.20151	2.02691	1.87317	1.73726
4215400.65	2.30673	2.11814	1.95320	1.80813	1.67932
4215380.65	2.21827	2.03897	1.88241	1.74446	1.62217
4215360.65	2.13770	1.96606	1.81615	1.68428	1.56751
4215340.65	2.06604	1.90035	1.75585	1.62885	1.51658
4215320.65	2.00351	1.84232	1.70190	1.57867	1.46991
4215300.65	1.94886	1.79141	1.65427	1.53403	1.42804
4215280.65	1.90097	1.74674	1.61238	1.49459	1.39081
4215260.65	1.85874	1.70740	1.57548	1.45978	1.35786
4215240.65	1.82098	1.67248	1.54284	1.42906	1.32876
4215220.65	1.78679	1.64099	1.51370	1.40182	1.30299

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***

INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	1.75500	1.61257	1.48752	1.37739	1.28004
4215180.65	1.72524	1.58633	1.46367	1.35527	1.25936
4215160.65	1.69681	1.56150	1.44163	1.33510	1.24066
4215140.65	1.66999	1.53798	1.42101	1.31656	1.22361
4215120.65	1.64338	1.51538	1.40139	1.29916	1.20766
4215100.65	1.61672	1.49294	1.38216	1.28225	1.19265
4215080.65	1.58985	1.47044	1.36303	1.26562	1.17809
4215060.65	1.56235	1.44776	1.34385	1.24923	1.16376

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***

INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	28.44632	539351.84	4215428.70	25.24626
539361.84	4215428.70	22.36086	539371.84	4215428.70	19.82321
539381.84	4215428.70	17.61199	539341.84	4215438.70	30.99212
539351.84	4215438.70	27.18013	539361.84	4215438.70	23.85955
539371.84	4215438.70	21.01375	539381.84	4215438.70	18.57530
539341.84	4215448.70	33.80077	539351.84	4215448.70	29.29651
539361.84	4215448.70	25.51237	539371.84	4215448.70	22.33354
539381.84	4215448.70	19.64449	539341.84	4215458.70	36.92546
539351.84	4215458.70	31.65544	539361.84	4215458.70	27.35951
539371.84	4215458.70	23.81095	539381.84	4215458.70	20.82986
539341.84	4215468.70	40.46253	539351.84	4215468.70	34.32731
539361.84	4215468.70	29.45337	539371.84	4215468.70	25.47000
539381.84	4215468.70	22.14982	539113.88	4215517.52	9.02015
539096.52	4215515.99	7.47880	539108.26	4215501.18	8.09282
539096.01	4215500.67	7.15067	539108.26	4215486.38	7.69814
539094.47	4215485.36	6.72861	539135.32	4215461.36	9.06099
539150.13	4215439.91	9.38834	539114.39	4215452.68	7.10115
539123.07	4215439.40	7.19380	539159.32	4215421.02	9.29877
539145.02	4215416.43	7.84350	539134.30	4215410.81	6.89399
539131.75	4215425.11	7.23767	539206.80	4215383.75	12.49508
539215.99	4215372.52	12.60424	539188.93	4215382.22	10.25016
539176.17	4215379.67	8.85071	539165.44	4215376.09	7.79524
539248.79	4215356.71	14.38523	539243.45	4215348.45	12.96371

539265.58	4215345.25	14.26588	539260.78	4215338.05	13.12205
539256.25	4215351.38	14.35678	539272.77	4215331.92	13.12523
539264.78	4215324.99	12.03066	539280.77	4215321.79	12.41157
539279.97	4215307.14	11.06885	539287.97	4215313.80	11.87383
539297.83	4215304.74	11.28692	539289.56	4215296.21	10.46259
539311.15	4215287.68	10.12142	539303.69	4215281.28	9.64198
539303.69	4215296.21	10.68401	539314.25	4215271.79	9.12768
539329.09	4215260.48	8.50719	539339.69	4215237.16	7.40182
539357.36	4215232.92	7.08903	539394.11	4215199.70	5.61933
539044.99	4215579.21	5.02117	539034.39	4215591.93	4.62704
539054.88	4215556.59	5.40110	539058.42	4215538.92	5.48891
539054.88	4215520.55	5.21091	539082.44	4215477.44	5.91170
539073.96	4215466.13	5.31750	539098.70	4215440.69	5.89000
539109.30	4215426.56	6.02787	539117.07	4215415.96	6.10971
539125.55	4215401.11	6.09504	539158.77	4215367.19	7.00796
539150.29	4215357.30	6.19850	539184.21	4215339.63	7.70155
539222.37	4215324.79	9.47345	539243.58	4215317.72	10.27761

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***

INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	5.75641	539364.42	4215191.93	5.76029
539344.64	4215200.41	6.10451	539409.65	4215113.48	3.92783
539355.94	4215136.80	4.57714	539262.66	4215288.75	9.17767
539282.44	4215261.19	8.15803	539299.41	4215235.04	7.20600
539168.92	4215647.77	18.44781	538947.70	4216163.58	0.99930
539352.12	4215798.21	11.60807	539367.62	4215566.76	53.89521
539278.26	4215504.64	129.23159	539297.51	4215494.11	70.75185

539323.66	4215486.12	71.73930	539342.55	4215482.85	45.79543
539367.23	4215481.23	29.86238	539397.77	4215487.94	19.82784
539352.73	4215556.41	72.90544	539337.83	4215546.05	94.39511
539322.94	4215535.70	125.14595	539308.05	4215525.35	97.77598
539293.15	4215514.99	119.54812	539287.89	4215499.38	93.61334
539310.58	4215490.12	112.09115	539354.89	4215482.04	36.60384
539382.50	4215484.59	24.27611	539391.74	4215503.70	23.60597
539385.71	4215519.47	28.41822	539379.68	4215535.23	34.60063
539373.65	4215551.00	42.70648			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	0.78772	0.82907	0.87219	0.91734	0.96357	1.01121	1.05998	1.10975	1.16008
4215980.65	0.79551	0.83904	0.88518	0.93345	0.98348	1.03548	1.08922	1.14493	1.20162
4215960.65	0.80150	0.84732	0.89608	0.94754	1.00133	1.05774	1.11657	1.17814	1.24153
4215940.65	0.80627	0.85383	0.90489	0.95925	1.01662	1.07733	1.14125	1.20848	1.27910
4215920.65	0.80998	0.85886	0.91177	0.96863	1.02920	1.09395	1.16282	1.23599	1.31366
4215900.65	0.81307	0.86283	0.91686	0.97592	1.03917	1.10748	1.18092	1.25981	1.34446
4215880.65	0.81596	0.86600	0.92114	0.98159	1.04688	1.11810	1.19585	1.27997	1.37089
4215860.65	0.81897	0.86927	0.92491	0.98624	1.05325	1.12664	1.20757	1.29653	1.39346
4215840.65	0.82209	0.87274	0.92863	0.99018	1.05832	1.13384	1.21710	1.30956	1.41104
4215820.65	0.82582	0.87655	0.93260	0.99441	1.06336	1.13978	1.22494	1.31946	1.42468
4215800.65	0.82992	0.88076	0.93693	0.99891	1.06815	1.14543	1.23153	1.32804	1.43538
4215780.65	0.83437	0.88534	0.94137	1.00378	1.07291	1.15012	1.23666	1.33399	1.44278
4215760.65	0.83909	0.88998	0.94644	1.00902	1.07801	1.15543	1.24187	1.33967	1.44979
4215740.65	0.84397	0.89508	0.95176	1.01456	1.08377	1.16066	1.24729	1.34539	1.45599
4215720.65	0.84853	0.90019	0.95717	1.01995	1.08939	1.16649	1.25291		

1.35125 1.46269
4215700.65 | 0.85296 0.90499 0.96235 1.02550 1.09494 1.17233 1.25903
1.35715 1.46941
4215680.65 | 0.86387 0.90907 0.96655 1.03044 1.10031 1.17815 1.26526
1.36380 1.47651
4215660.65 | 0.86876 0.92084 0.96992 1.03426 1.10459 1.18290 1.27051
1.36954 1.48278
4215640.65 | 0.87215 0.92457 0.98230 1.03662 1.10731 1.18602 1.27407
1.37358 1.48672
4215620.65 | 0.87384 0.92658 0.98463 1.03765 1.10852 1.19917 1.28768
1.37550 1.48895
4215600.65 | 0.87404 0.92705 0.98536 1.04975 1.12111 1.20052 1.28928
1.38916 1.48926
4215580.65 | 0.87345 0.92669 0.98525 1.04981 1.12114 1.20050 1.28920
1.38911 1.50258
4215560.65 | 0.87303 0.92651 0.98510 1.05008 1.12130 1.20053 1.28906
1.38890 1.50260
4215540.65 | 0.87347 0.92686 0.98600 1.05131 1.12249 1.20163 1.29003
1.38987 1.50394
4215520.65 | 0.87463 0.92815 0.98752 1.05311 1.12423 1.20329 1.29156
1.39136 1.50571
4215500.65 | 0.87469 0.92865 0.98802 1.05361 1.12441 1.20380 1.29246
1.39194 1.50511
4215480.65 | 0.87259 0.92617 0.98511 1.04951 1.12084 1.19932 1.28688
1.38606 1.49669
4215460.65 | 0.86618 0.91892 0.97691 1.04010 1.11003 1.18769 1.27431
1.37011 1.47778
4215440.65 | 0.85495 0.90646 0.96219 1.02452 1.09349 1.16891 1.25288
1.34675 1.44886
4215420.65 | 0.83970 0.88881 0.94364 1.00399 1.07065 1.14319 1.22520
1.31512 1.41206
4215400.65 | 0.82183 0.86918 0.92205 0.98010 1.04273 1.11322 1.19134
1.27647 1.36740
4215380.65 | 0.80152 0.84785 0.89846 0.95385 1.01327 1.08004 1.15377
1.23370 1.31840
4215360.65 | 0.78106 0.82518 0.87321 0.92434 0.98154 1.04435 1.11362
1.18666 1.26556
4215340.65 | 0.75949 0.80117 0.84524 0.89443 0.94824 1.00740 1.07112
1.14193 1.21686
4215320.65 | 0.73679 0.77602 0.81746 0.86388 0.91346 0.96817 1.03078
1.09715 1.17191
4215300.65 | 0.71344 0.74950 0.78995 0.83444 0.88084 0.93401 0.99367
1.05903 1.13293
4215280.65 | 0.68948 0.72514 0.76445 0.80812 0.85404 0.90547 0.96330
1.02841 1.10357
4215260.65 | 0.66831 0.70349 0.74266 0.78515 0.83134 0.88158 0.93937
1.00373 1.07665
4215240.65 | 0.65027 0.68579 0.72547 0.76855 0.81521 0.86555 0.92102
0.98312 1.05185
4215220.65 | 0.63616 0.67237 0.71149 0.75595 0.80230 0.85279 0.90592
0.96542 1.02845

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17

4215200.65	0.62582	0.66249	0.70164	0.74530	0.79006	0.83897	0.88946	0.94241	0.99902
4215180.65	0.61819	0.65361	0.69270	0.73435	0.77730	0.82228	0.86912	0.91665	0.96608
4215160.65	0.61080	0.64582	0.68277	0.72142	0.76065	0.80222	0.84427	0.88795	0.93139
4215140.65	0.60376	0.63657	0.67062	0.70493	0.74112	0.77848	0.81727	0.85690	0.89665
4215120.65	0.59498	0.62506	0.65594	0.68682	0.71940	0.75318	0.78759	0.82504	0.86317
4215100.65	0.58400	0.61122	0.63834	0.66692	0.69650	0.72745	0.75933	0.79449	0.83069
4215080.65	0.57095	0.59487	0.62007	0.64614	0.67338	0.70139	0.73229	0.76583	0.80165
4215060.65	0.55637	0.57808	0.60117	0.62529	0.65004	0.67734	0.70693	0.73932	0.77408
4215040.65	0.54030	0.56085	0.58231	0.60500	0.62855	0.65480	0.68347	0.71413	0.74888
4215020.65	0.52455	0.54374	0.56401	0.58501	0.60841	0.63392	0.66189	0.69186	0.72585

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	1.20940	1.25750	1.30361	1.34719	1.38793	1.42600	1.46191	1.49679	1.53181
4215980.65	1.25871	1.31462	1.36904	1.42110	1.47011	1.51580	1.55844	1.59887	1.63839
4215960.65	1.30648	1.37126	1.43496	1.49688	1.55593	1.61134	1.66284	1.71088	1.75664
4215940.65	1.35202	1.42652	1.50037	1.57344	1.64432	1.71167	1.77470	1.83303	1.88749
4215920.65	1.39479	1.47839	1.56348	1.64876	1.73305	1.81460	1.89313	1.96504	2.03150
4215900.65	1.43352	1.52734	1.62386	1.72226	1.82143	1.91938	2.01593	2.10596	2.18856
4215880.65	1.46859	1.57191	1.68022	1.79247	1.90775	2.02404	2.14105	2.25313	2.35783
4215860.65	1.49803	1.61105	1.73067	1.85717	1.98940	2.12636	2.26566	2.40411	2.53716
4215840.65	1.52241	1.64393	1.77502	1.91586	2.06565	2.22384	2.38840	2.55613	2.72165
4215820.65	1.54101	1.67025	1.81180	1.96636	2.13367	2.31288	2.50519	2.70525	2.90845
4215800.65	1.55574	1.69047	1.84080	2.00764	2.19153	2.39236	2.61241	2.84696	3.09082
4215780.65	1.56620	1.70577	1.86277	2.04049	2.23901	2.46113	2.70748		

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2.97630      3.26633
  4215760.65 |       1.57476      1.71702      1.88004      2.06533      2.27648      2.51617      2.78766
3.08973      3.42435
  4215740.65 |       1.58241      1.72695      1.89292      2.08409      2.30368      2.55803      2.84934
3.18237      3.55958
  4215720.65 |       1.58968      1.73589      1.90362      2.09790      2.32497      2.58895      2.89478
3.25299      3.66726
  4215700.65 |       1.59744      1.74360      1.91311      2.11015      2.34062      2.61064      2.92698
3.30180      3.74630
  4215680.65 |       1.60498      1.75163      1.92183      2.11991      2.35112      2.62558      2.94805
3.33432      3.79966
  4215660.65 |       1.61109      1.75891      1.92964      2.12839      2.36055      2.63674      2.96235
3.35488      3.83262
  4215640.65 |       1.61616      1.76450      1.93575      2.13398      2.36772      2.64472      2.97160
3.36680      3.85047
  4215620.65 |       1.61872      1.76741      1.93809      2.13753      2.37154      2.64737      2.97416
3.36950      3.85431
  4215600.65 |       1.61901      1.76766      1.93822      2.13747      2.37118      2.64653      2.97254
3.36681      3.85031
  4215580.65 |       1.61875      1.76617      1.93701      2.13553      2.36825      2.64224      2.96634
3.35799      3.83783
  4215560.65 |       1.63125      1.76738      1.93768      2.13545      2.36577      2.63943      2.96116
3.34943      3.82431
  4215540.65 |       1.63277      1.77196      1.94218      2.13857      2.36952      2.64231      2.96250
3.34831      3.81929
  4215520.65 |       1.63463      1.78295      1.94842      2.14480      2.37559      2.64792      2.96709
3.35109      3.81905
  4215500.65 |       1.63353      1.78016      1.94867      2.14589      2.37525      2.64387      2.95949
3.33827      3.79852
  4215480.65 |       1.62193      1.76610      1.93153      2.12470      2.35907      2.62165      2.92892
3.29598      3.73956
  4215460.65 |       1.59938      1.73747      1.89737      2.08398      2.32211      2.57394      2.86681
3.21434      3.63111
  4215440.65 |       1.56545      1.69520      1.84739      2.02470      2.22650      2.50210      2.77613
3.09915      3.48393
  4215420.65 |       1.52049      1.64226      1.78516      1.94817      2.13911      2.36102      2.60586
2.89324      3.23460
  4215400.65 |       1.46863      1.58182      1.71486      1.86635      2.04416      2.25103      2.47805
2.74528      3.06329
  4215380.65 |       1.41249      1.51496      1.63892      1.78399      1.95182      2.14316      2.35732
2.60945      2.90764
  4215360.65 |       1.35344      1.45213      1.57009      1.70920      1.87064      2.05442      2.25901
2.49690      2.77252
  4215340.65 |       1.30101      1.39632      1.51111      1.64659      1.79919      1.97854      2.17101
2.38955      2.63609
  4215320.65 |       1.25426      1.35055      1.46323      1.59459      1.74017      1.90728      2.08645
2.28123      2.50140
  4215300.65 |       1.21660      1.31119      1.42266      1.54433      1.68176      1.83273      1.99158
2.16567      2.35849
  4215280.65 |       1.18553      1.27866      1.38105      1.49501      1.61847      1.75213      1.89167
2.04835      2.22438
  4215260.65 |       1.15652      1.24509      1.33834      1.44029      1.54959      1.66516      1.79438
1.93578      2.09738
  4215240.65 |       1.12713      1.20546      1.29038      1.38076      1.47784      1.58135      1.69885
1.83228      1.98401
  4215220.65 |       1.09483      1.16304      1.23848      1.31922      1.40488      1.50176      1.61107
1.73681      1.88126
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 289
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                               INCLUDING SOURCE(S):     HOSE        ,
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*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4215200.65	1.05683	1.11907	1.18533	1.25700	1.33786	1.42858	1.53212	1.64978	1.79109
4215180.65	1.01788	1.07278	1.13346	1.20005	1.27619	1.36253	1.45969	1.57525	1.71156
4215160.65	0.97726	1.02785	1.08312	1.14765	1.22038	1.30342	1.39734	1.50913	1.64073
4215140.65	0.93924	0.98689	1.03958	1.10158	1.17024	1.24889	1.34175	1.45001	1.57693
4215120.65	0.90464	0.95032	1.00124	1.05996	1.12672	1.20171	1.29183	1.39658	1.51671
4215100.65	0.87154	0.91574	0.96645	1.02241	1.08613	1.15919	1.24661	1.34775	1.46326
4215080.65	0.84125	0.88537	0.93375	0.98846	1.04943	1.12055	1.20519	1.30098	1.41367
4215060.65	0.81361	0.85773	0.90515	0.95763	1.01724	1.08509	1.16687	1.25915	1.36743
4215040.65	0.78748	0.83060	0.87703	0.92946	0.98762	1.05478	1.13395	1.22312	1.32749
4215020.65	0.76362	0.80492	0.85129	0.90246	0.96122	1.02638	1.10299	1.18923	1.28984

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	1.56861	1.60823	1.65112	1.69744	1.74686	1.79989	1.85841	1.92458	2.00287
4215980.65	1.67893	1.72201	1.76855	1.81902	1.87297	1.93147	1.99520	2.06737	2.15256
4215960.65	1.80218	1.84954	1.90030	1.95543	2.01495	2.07919	2.14939	2.22857	2.32173
4215940.65	1.93999	1.99299	2.04884	2.10927	2.17483	2.24591	2.32360	2.41092	2.51328
4215920.65	2.09384	2.15469	2.21709	2.28378	2.35624	2.43515	2.52154	2.61838	2.73144
4215900.65	2.26485	2.33693	2.40832	2.48284	2.56336	2.65130	2.74819	2.85586	2.98148
4215880.65	2.45344	2.54176	2.62608	2.71110	2.80139	2.89994	3.00836	3.13008	3.27011
4215860.65	2.65892	2.77047	2.87385	2.97392	3.07693	3.18807	3.31065	3.44809	3.60592
4215840.65	2.87890	3.02284	3.15425	3.27686	3.39777	3.52490	3.66442		

3.82078 3.99965
4215820.65 | 3.10730 3.29630 3.46820 3.62493 3.77268 3.92184 4.08249
4.26194 4.46672
4215800.65 | 3.34007 3.58494 3.81374 4.02119 4.21073 4.39273 4.58158
4.78995 5.02761
4215780.65 | 3.56964 3.88020 4.18263 4.46480 4.71913 4.95306 5.18329
5.42962 5.70901
4215760.65 | 3.78716 4.17266 4.56447 4.94873 5.29982 5.61730 5.91335
6.21480 6.54875
4215740.65 | 3.98301 4.44746 4.94503 5.45476 5.94218 6.39009 6.79464
7.18525 7.60046
4215720.65 | 4.14610 4.69458 5.30517 5.96345 6.63074 7.27352 7.85868
8.39556 8.93443
4215700.65 | 4.27422 4.89933 5.62395 6.44177 7.33082 8.24283 9.12107
9.91021 10.66279
4215680.65 | 4.36466 5.05360 5.88250 6.86293 7.99863 9.24959 10.55129
11.79143 12.92207
4215660.65 | 4.42187 5.15696 6.06588 7.19504 8.57199 10.20836 12.07248
14.01619 15.85779
4215640.65 | 4.45278 5.21240 6.18129 7.42189 9.00731 11.02407 13.52492
16.45538 19.55157
4215620.65 | 4.46380 5.23587 6.23513 7.54488 9.27955 11.61494 14.74360
18.82778 23.80127
4215600.65 | 4.45578 5.23246 6.24065 7.57942 9.39282 11.93004 15.54212
20.71936 28.00022
4215580.65 | 4.43835 5.20906 6.21108 7.54089 9.37645 11.99033 15.85796
21.79656 31.18763
4215560.65 | 4.41768 5.17819 6.15984 7.47395 9.28245 11.87213 15.74701
21.95752 32.47848
4215540.65 | 4.40661 5.15778 6.12428 7.41397 9.18220 11.69106 15.47248
21.53656 31.99080
4215520.65 | 4.40145 5.14005 6.09757 7.36420 9.09179 11.52457 15.15910
20.89125 30.70239
4215500.65 | 4.36940 5.09477 6.02531 7.24744 8.88837 11.19544 14.57008
19.75945 28.32601
4215480.65 | 4.28621 4.97554 5.85109 6.97982 8.48974 10.56394 13.52575
17.92359 24.86275
4215460.65 | 4.14041 4.77692 5.57675 6.59510 7.93833 9.74909 12.26386
15.84707 21.20163
4215440.65 | 3.95117 4.53156 5.25043 6.16790 7.35299 8.91121 10.98434
13.85736 18.05797
4215420.65 | 3.65434 4.28108 4.93260 5.75083 6.78138 8.08427 9.78956
12.11566 15.54037
4215400.65 | 3.45371 3.93605 4.62810 5.34319 6.21983 7.30660 8.72806
10.69616 13.57858
4215380.65 | 3.26790 3.71010 4.32515 4.93802 5.67530 6.60738 7.84138
9.56708 12.02679
4215360.65 | 3.09642 3.48303 3.93151 4.54434 5.18837 6.01286 7.11930
8.63936 10.72890
4215340.65 | 2.91899 3.25241 3.63986 4.09656 4.76885 5.51958 6.51758
7.86461 9.61100
4215320.65 | 2.74779 3.03475 3.37327 3.78770 4.32346 5.11243 6.02373
7.20146 8.64307
4215300.65 | 2.58097 2.83489 3.14596 3.52583 4.02665 4.76016 5.58459
6.60847 7.79918
4215280.65 | 2.42309 2.65846 2.94545 3.30413 3.78081 4.45477 5.19430
6.07337 7.05053
4215260.65 | 2.28674 2.50987 2.77876 3.11393 3.55980 4.12249 4.83468
5.58910 6.39247
4215240.65 | 2.16385 2.37723 2.63443 2.95261 3.36854 3.88084 4.50488
5.14747 5.81394
4215220.65 | 2.05347 2.25801 2.50746 2.81289 3.19461 3.65829 4.20139
4.74572 5.30163

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215200.65	1.95674	2.15617	2.39386	2.68545	3.03842	3.45176	3.91950	4.38356	4.85061
4215180.65	1.87100	2.06179	2.29066	2.56412	2.88876	3.25918	3.65463	4.05713	4.45262
4215160.65	1.79400	1.97896	2.19878	2.45445	2.75155	3.07915	3.42409	3.76282	4.10045
4215140.65	1.72397	1.90277	2.11041	2.35112	2.62161	2.91064	3.20980	3.51151	3.81436
4215120.65	1.65963	1.82974	2.02777	2.25317	2.49617	2.75287	3.01431	3.27496	3.53852
4215100.65	1.60006	1.76397	1.95000	2.15788	2.37932	2.60524	2.83300	3.06076	3.29279
4215080.65	1.54461	1.70021	1.87641	2.06908	2.26682	2.46719	2.66628	2.86648	3.07150
4215060.65	1.49462	1.64211	1.80643	1.98407	2.16161	2.33821	2.51387	2.68996	2.87236
4215040.65	1.44756	1.58698	1.73963	1.90021	2.05981	2.21691	2.37263	2.52928	2.69262
4215020.65	1.40464	1.53442	1.67565	1.82052	1.96300	2.10309	2.24175	2.38195	2.52990

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	2.09569	2.20717	2.33803	2.48688	2.64902	2.81593	2.97246	3.10744	3.20953
4215980.65	2.25445	2.37694	2.52188	2.68700	2.86818	3.05414	3.22794	3.37361	3.47884
4215960.65	2.43336	2.56842	2.72960	2.91459	3.11706	3.32392	3.51578	3.67387	3.78071
4215940.65	2.63607	2.78559	2.96479	3.17291	3.40139	3.63246	3.84632	4.01765	4.12412
4215920.65	2.86714	3.03337	3.23456	3.46906	3.72698	3.98760	4.22475	4.40952	4.51430
4215900.65	3.13223	3.31795	3.54502	3.81095	4.10545	4.39925	4.66477		

4.86068 4.95937
4215880.65 | 3.43856 3.64640 3.90398 4.20866 4.54722 4.88460 5.17794
5.38323 5.46416
4215860.65 | 3.79478 4.02867 4.32251 4.67533 5.06942 5.45701 5.78377
5.99216 6.04720
4215840.65 | 4.21294 4.47983 4.81634 5.22824 5.68849 6.13868 6.50216
6.70645 6.71684
4215820.65 | 4.71068 5.01552 5.40693 5.89056 6.43565 6.95931 7.35861
7.55016 7.49659
4215800.65 | 5.30903 5.66192 6.11801 6.69381 7.34322 7.95927 8.39799
8.55389 8.40385
4215780.65 | 6.03957 6.45233 6.99256 7.68448 8.46809 9.19428 9.66877
9.76201 9.46850
4215760.65 | 6.94155 7.43190 8.08207 8.92581 9.88515 10.74719 11.24131
11.22660 10.71574
4215740.65 | 8.07583 8.66805 9.45923 10.50438 11.69696 12.72507 13.21299
13.00183 12.18100
4215720.65 | 9.53183 10.26128 11.24167 12.56191 14.07239 15.30170 15.72625
15.17624 13.90756
4215700.65 | 11.44403 12.36623 13.60830 15.31495 17.26951 18.73311 18.95775
17.85769 15.95025
4215680.65 | 14.01158 15.23620 16.85407 19.12576 21.72045 23.43151 23.18876
21.17877 18.38284
4215660.65 | 17.54970 19.27335 21.48701 24.63132 28.18466 30.07995 28.84360
25.33404 21.30965
4215640.65 | 22.45606 25.19123 28.39045 33.01789 38.08379 39.84767 36.50297
30.58290 24.86679
4215620.65 | 29.16361 34.22133 39.48812 46.71954 54.30617 54.83489 47.09481
37.28429 29.22116
4215600.65 | 37.53263 48.12350 58.55656 71.41664 83.42183 78.98731 61.89629
45.80725 34.27243
4215580.65 | 46.14081 68.05188 94.26531 123.23716 142.67663 119.91843 82.46131
55.89038 39.19267
4215560.65 | 51.96625 90.08208 160.11968 259.50505 289.46700 190.22540 107.45362
64.79509 42.21342
4215540.65 | 52.64529 101.32131 245.99026 0.00000 0.00000 280.63101 123.74904
67.53363 42.14189
4215520.65 | 49.66988 94.52352 250.41499 0.00000 0.00000 282.47547 115.80781
63.13243 39.69729
4215500.65 | 44.02518 77.39093 170.08187 462.77211 496.46266 205.95587 94.90942
54.76950 35.69809
4215480.65 | 36.57233 59.11411 110.78609 206.27781 232.18523 145.93184 77.72830
46.42641 31.21510
4215460.65 | 29.86786 45.73686 75.47000 115.35354 129.93264 102.05522 64.68737
40.55364 27.54990
4215440.65 | 24.76180 36.27470 54.03420 73.49778 82.03674 72.26225 53.05758
35.98776 24.95463
4215420.65 | 20.90423 29.21043 40.19600 50.95669 56.36336 52.84414 42.92940
31.71136 22.84051
4215400.65 | 17.89547 23.86092 30.91336 37.48169 41.11783 39.99164 34.69392
27.56608 20.88948
4215380.65 | 15.44868 19.75603 24.47934 28.75967 31.35777 31.17670 28.27964
23.75325 18.91463
4215360.65 | 13.41892 16.56743 19.86002 22.83154 24.73669 24.92106 23.30698
20.41534 16.98427
4215340.65 | 11.72069 14.05005 16.44297 18.59940 20.05558 20.37669 19.47239
17.58573 15.15091
4215320.65 | 10.29493 12.07197 13.84670 15.45700 16.57798 16.95130 16.45460
15.21408 13.48462
4215300.65 | 9.10220 10.46926 11.82931 13.05755 13.95741 14.32498 14.06703
13.24380 12.00627
4215280.65 | 8.09310 9.16416 10.23100 11.19765 11.92544 12.26916 12.14702
11.59860 10.70694
4215260.65 | 7.23582 8.08934 8.93693 9.71922 10.31700 10.63060 10.59432
10.22926 9.58285
4215240.65 | 6.49980 7.19488 7.88482 8.52371 9.02130 9.29923 9.31903
9.08226 8.61147
4215220.65 | 5.86901 6.44325 7.01330 7.54270 7.95742 8.21105 8.26419
8.10784 7.76764

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	5.32533	5.80589	6.28299	6.72720	7.08006	7.30689	7.37603	7.28126	7.03605
4215180.65	4.85411	5.26091	5.66474	6.03828	6.34452	6.54739	6.62455	6.57263	6.39465
4215160.65	4.44342	4.79129	5.13369	5.45640	5.72150	5.90320	5.98341	5.96136	5.83513
4215140.65	4.12383	4.44307	4.68392	4.96026	5.18893	5.35200	5.43219	5.42891	5.33942
4215120.65	3.80979	4.08896	4.29296	4.53140	4.73211	4.87666	4.95499	4.96456	4.90065
4215100.65	3.53151	3.77712	4.01989	4.15803	4.33526	4.46378	4.53915	4.55743	4.51404
4215080.65	3.28378	3.50097	3.71500	3.83250	3.98652	4.10283	4.17466	4.19714	4.17066
4215060.65	3.06232	3.25582	3.44495	3.62203	3.77310	3.88801	3.85336	3.87965	3.86454
4215040.65	2.86336	3.03734	3.20731	3.36657	3.50071	3.60258	3.57003	3.59859	3.59071
4215020.65	2.68418	2.84133	2.99475	3.13690	3.25821	3.34858	3.31889	3.34750	3.34602

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	3.26637	3.27624	3.23663	3.15624	3.04368	2.90742	2.75896	2.60554	2.45065
4215980.65	3.53009	3.52462	3.46675	3.36081	3.22344	3.06496	2.89375	2.72250	2.55300
4215960.65	3.82486	3.80308	3.71830	3.58362	3.41731	3.23038	3.03605		

2.84454 2.66003
4215940.65 | 4.15720 4.10953 3.99338 3.82426 3.62260 3.40589 3.18665
2.97382 2.77388
4215920.65 | 4.52854 4.44931 4.29417 4.08623 3.84406 3.59245 3.34492
3.11152 2.89572
4215900.65 | 4.94673 4.82635 4.62303 4.36681 4.08105 3.79135 3.51571
3.25913 3.02687
4215880.65 | 5.41369 5.24243 4.98251 4.66976 4.33518 4.00652 3.70122
3.42210 3.17222
4215860.65 | 5.94426 5.70449 5.37276 4.99723 4.60864 4.24062 3.90203
3.59914 3.33027
4215840.65 | 6.54172 6.21768 5.80238 5.35211 4.90697 4.49245 4.12095
3.79254 3.50440
4215820.65 | 7.21878 6.78423 6.26973 5.73549 5.22942 4.76803 4.36123
4.00657 3.69278
4215800.65 | 7.98691 7.41798 6.78299 6.15835 5.58373 5.07197 4.62630
4.23974 3.89840
4215780.65 | 8.87557 8.13323 7.35724 6.62858 5.97665 5.40947 4.92184
4.49577 4.12162
4215760.65 | 9.88248 8.92892 7.99255 7.15001 6.41606 5.78823 5.24618
4.77500 4.36062
4215740.65 | 11.03240 9.82490 8.70701 7.73774 6.91024 6.20757 5.60174
5.07431 4.61148
4215720.65 | 12.35193 10.84362 9.51974 8.40507 7.46828 6.66990 5.98314
5.38440 4.85909
4215700.65 | 13.87845 12.01621 10.44910 9.15985 8.08202 7.16339 6.37280
5.68533 5.08583
4215680.65 | 15.66558 13.37640 11.51807 10.00040 8.73678 7.66169 6.74186
5.95051 5.27006
4215660.65 | 17.78522 14.97026 12.72347 10.90150 9.38919 8.12022 7.05248
6.15196 5.39346
4215640.65 | 20.30691 16.77860 14.00217 11.77215 9.96046 8.47790 7.26351
6.26560 5.44450
4215620.65 | 23.20741 18.67830 15.19233 12.47936 10.35729 8.68077 7.34978
6.28457 5.42672
4215600.65 | 26.16356 20.32951 16.05673 12.89347 10.52426 8.71862 7.32421
6.23132 5.36445
4215580.65 | 28.43747 21.29537 16.40198 12.96018 10.46997 8.62356 7.22250
6.13914 5.28224
4215560.65 | 29.29297 21.39549 16.26540 12.76824 10.28735 8.46830 7.09831
6.03818 5.20216
4215540.65 | 28.72647 20.89115 15.86346 12.46804 10.06400 8.30149 6.97230
5.94212 5.12806
4215520.65 | 27.28727 20.00849 15.31081 12.09326 9.80282 8.11443 6.83273
5.83685 5.04727
4215500.65 | 25.16784 18.74099 14.51089 11.57104 9.44337 7.85919 6.64618
5.69734 4.94207
4215480.65 | 22.54579 17.11937 13.44690 10.85197 8.94997 7.50669 6.38860
5.50563 4.79522
4215460.65 | 20.13548 15.45753 12.29116 10.02168 8.35402 7.07283 6.06437
5.25898 4.60511
4215440.65 | 18.30014 14.08452 11.24721 9.23797 7.74616 6.61211 5.70602
4.97832 4.38325
4215420.65 | 16.92410 13.04184 10.42518 8.57877 7.21357 6.17416 5.35743
4.69388 4.15107
4215400.65 | 15.77927 12.23131 9.78923 8.05458 6.78003 5.80845 5.04394
4.43201 3.92965
4215380.65 | 14.73471 11.56998 9.29173 7.64450 6.43129 5.50434 4.78049
4.20247 3.73230
4215360.65 | 13.68372 10.95273 8.86612 7.31084 6.14536 5.25656 4.56037
4.00784 3.56105
4215340.65 | 12.61498 10.34274 8.47565 7.02121 5.91139 5.05252 4.38086
3.84574 3.41520
4215320.65 | 11.55728 9.70798 8.07999 6.75236 5.70271 4.88038 4.23078
3.71362 3.29551
4215300.65 | 10.54502 9.06229 7.67879 6.48966 5.51173 4.72739 4.10240
3.60176 3.19431
4215280.65 | 9.60245 8.41762 7.26524 6.22166 5.32664 4.58900 3.99049
3.50488 3.10771

 4215260.65 | 8.73682   7.79975   6.84572   5.94446   5.13943   4.45535   3.88552
3.41689   3.03191
 4215240.65 | 7.96387   7.21878   6.42940   5.65961   4.94624   4.31932   3.78449
3.33536   2.96246
 4215220.65 | 7.27345   6.67692   6.02735   5.37157   4.74655   4.17968   3.68101
3.25588   2.89682

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                               INCLUDING SOURCE(S):   HOSE   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539465.17   539485.17   539505.17   539525.17   539545.17   539565.17   539585.17
539605.17   539625.17
- -
- - - - - - -

 4215200.65 | 6.65556   6.17683   5.64241   5.08555   4.54217   4.03529   3.57699
3.17722   2.83389
 4215180.65 | 6.10354   5.72057   5.27641   4.80615   4.33606   3.88506   3.46970
3.09755   2.77185
 4215160.65 | 5.61046   5.30177   4.93567   4.53688   4.12967   3.73351   3.35892
3.01575   2.70851
 4215140.65 | 5.16628   4.92035   4.61833   4.28310   3.93194   3.58356   3.24750
2.93231   2.64639
 4215120.65 | 4.76911   4.57182   4.32400   4.04093   3.73971   3.43406   3.13391
2.84718   2.58226
 4215100.65 | 4.41331   4.25635   4.05174   3.81389   3.55447   3.28668   3.01941
2.75987   2.51600
 4215080.65 | 4.09389   3.96806   3.80029   3.60055   3.37720   3.14278   2.90524
2.67112   2.44780
 4215060.65 | 3.80648   3.70567   3.56829   3.39971   3.20842   3.00249   2.79169
2.58179   2.37744
 4215040.65 | 3.54728   3.46662   3.35335   3.21114   3.04584   2.86667   2.67983
2.49137   2.30559
 4215020.65 | 3.31191   3.24854   3.15519   3.03525   2.89312   2.73662   2.57111
2.40145   2.23350

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                               INCLUDING SOURCE(S):   HOSE   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539645.17   539665.17   539685.17   539705.17   539725.17
- -
- - - - - - -

4216000.65	2.30295	2.16619	2.03927	1.92321	1.81806
4215980.65	2.39496	2.24805	2.11387	1.99265	1.88122
4215960.65	2.49040	2.33427	2.19253	2.06584	1.94944
4215940.65	2.59235	2.42663	2.27794	2.14313	2.02129
4215920.65	2.70184	2.52591	2.36849	2.22695	2.09800
4215900.65	2.81994	2.63293	2.46585	2.31680	2.18093
4215880.65	2.95084	2.75134	2.57319	2.41312	2.26844
4215860.65	3.09290	2.87934	2.68869	2.51738	2.36147
4215840.65	3.24724	3.01768	2.81268	2.62718	2.45833
4215820.65	3.41482	3.16667	2.94487	2.74271	2.55962
4215800.65	3.59600	3.32726	3.08378	2.86295	2.66144
4215780.65	3.78974	3.49418	3.22608	2.98274	2.76201
4215760.65	3.99406	3.66392	3.36613	3.09635	2.85251
4215740.65	4.19819	3.82833	3.49601	3.19807	2.92832
4215720.65	4.39186	3.97642	3.60782	3.27803	2.98417
4215700.65	4.55804	4.09443	3.68704	3.33025	3.01642
4215680.65	4.68075	4.17165	3.73290	3.35287	3.02309
4215660.65	4.74974	4.20384	3.74095	3.34694	3.00793
4215640.65	4.76185	4.19286	3.71722	3.31704	2.97803
4215620.65	4.72570	4.14919	3.67220	3.27517	2.93952
4215600.65	4.66405	4.09249	3.62201	3.23165	2.90230
4215580.65	4.59470	4.03494	3.57458	3.19259	2.87016
4215560.65	4.53119	3.98580	3.53413	3.15994	2.84365
4215540.65	4.47478	3.94011	3.49891	3.13151	2.82052
4215520.65	4.41171	3.89033	3.45909	3.09923	2.79336
4215500.65	4.32911	3.82537	3.40728	3.05647	2.75843
4215480.65	4.21549	3.73621	3.33631	2.99849	2.71116
4215460.65	4.06706	3.61972	3.24256	2.92276	2.64871
4215440.65	3.89024	3.47754	3.12746	2.82817	2.57086
4215420.65	3.70016	3.32057	2.99766	2.72039	2.48088
4215400.65	3.51282	3.16185	2.86302	2.60642	2.38347
4215380.65	3.34117	3.01260	2.73338	2.49330	2.28504
4215360.65	3.19083	2.87910	2.61464	2.38772	2.19122
4215340.65	3.06187	2.76290	2.50973	2.29295	2.10554
4215320.65	2.95258	2.66313	2.41852	2.20947	2.02903
4215300.65	2.85978	2.57776	2.33979	2.13678	1.96187
4215280.65	2.78065	2.50475	2.27199	2.07370	1.90315
4215260.65	2.71228	2.44201	2.21365	2.01909	1.85193
4215240.65	2.65091	2.38736	2.16320	1.97192	1.80750
4215220.65	2.59433	2.33774	2.11893	1.93091	1.76896

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	2.54068	2.29183	2.07912	1.89467	1.73526
4215180.65	2.48998	2.24874	2.04136	1.86183	1.70526
4215160.65	2.44014	2.20727	2.00574	1.83048	1.67799
4215140.65	2.39159	2.16714	1.97191	1.80124	1.65253
4215120.65	2.34212	2.12760	1.93913	1.77334	1.62744
4215100.65	2.29125	2.08750	1.90641	1.74542	1.60346
4215080.65	2.23879	2.04648	1.87338	1.71762	1.57982
4215060.65	2.18416	2.00428	1.83974	1.69008	1.55630

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	56.61417	539351.84	4215428.70	61.88718
539361.84	4215428.70	64.68793	539371.84	4215428.70	64.45456
539381.84	4215428.70	61.25949	539341.84	4215438.70	68.03854
539351.84	4215438.70	75.16119	539361.84	4215438.70	78.60691
539371.84	4215438.70	77.57316	539381.84	4215438.70	72.39564
539341.84	4215448.70	83.27348	539351.84	4215448.70	93.27038
539361.84	4215448.70	97.57727	539371.84	4215448.70	95.00715
539381.84	4215448.70	86.50338	539341.84	4215458.70	104.24571
539351.84	4215458.70	118.91956	539361.84	4215458.70	124.32320
539371.84	4215458.70	118.67780	539381.84	4215458.70	104.38341
539341.84	4215468.70	134.20435	539351.84	4215468.70	156.89304
539361.84	4215468.70	163.57122	539371.84	4215468.70	151.46020
539381.84	4215468.70	127.01311	539113.88	4215517.52	4.69848
539096.52	4215515.99	4.12796	539108.26	4215501.18	4.47386
539096.01	4215500.67	4.09201	539108.26	4215486.38	4.41618
539094.47	4215485.36	4.00005	539135.32	4215461.36	5.16712
539150.13	4215439.91	5.44641	539114.39	4215452.68	4.33468
539123.07	4215439.40	4.44809	539159.32	4215421.02	5.49918
539145.02	4215416.43	4.86337	539134.30	4215410.81	4.42874
539131.75	4215425.11	4.53835	539206.80	4215383.75	6.79862
539215.99	4215372.52	6.94274	539188.93	4215382.22	5.87784
539176.17	4215379.67	5.30210	539165.44	4215376.09	4.85403
539248.79	4215356.71	8.80341	539243.45	4215348.45	8.01637
539265.58	4215345.25	9.89623	539260.78	4215338.05	9.07137

539256.25	4215351.38	9.27053	539272.77	4215331.92	9.86513
539264.78	4215324.99	8.81247	539280.77	4215321.79	9.99048
539279.97	4215307.14	9.09319	539287.97	4215313.80	10.08826
539297.83	4215304.74	10.23708	539289.56	4215296.21	9.14508
539311.15	4215287.68	9.94122	539303.69	4215281.28	9.12073
539303.69	4215296.21	10.05846	539314.25	4215271.79	9.10121
539329.09	4215260.48	9.09125	539339.69	4215237.16	8.17928
539357.36	4215232.92	8.42382	539394.11	4215199.70	7.31886
539044.99	4215579.21	2.96273	539034.39	4215591.93	2.78772
539054.88	4215556.59	3.13949	539058.42	4215538.92	3.20952
539054.88	4215520.55	3.14358	539082.44	4215477.44	3.66080
539073.96	4215466.13	3.41779	539098.70	4215440.69	3.78845
539109.30	4215426.56	3.91178	539117.07	4215415.96	3.99922
539125.55	4215401.11	4.05708	539158.77	4215367.19	4.48343
539150.29	4215357.30	4.00162	539184.21	4215339.63	4.71849
539222.37	4215324.79	5.97378	539243.58	4215317.72	7.00998

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	6.90716	539364.42	4215191.93	6.73391
539344.64	4215200.41	6.70594	539409.65	4215113.48	4.80809
539355.94	4215136.80	5.00053	539262.66	4215288.75	7.20290
539282.44	4215261.19	7.13917	539299.41	4215235.04	6.78199
539168.92	4215647.77	7.61251	538947.70	4216163.58	0.85139
539352.12	4215798.21	7.03123	539367.62	4215566.76	223.86614
539278.26	4215504.64	38.38137	539297.51	4215494.11	56.89371
539323.66	4215486.12	117.13895	539342.55	4215482.85	207.94431
539367.23	4215481.23	230.61555	539397.77	4215487.94	105.65486

539352.73	4215556.41	356.23264		539337.83	4215546.05	400.20936	
539322.94	4215535.70	229.17552		539308.05	4215525.35	109.20348	
539293.15	4215514.99	60.62150		539287.89	4215499.38	46.59691	
539310.58	4215490.12	79.47684		539354.89	4215482.04	250.75506	
539382.50	4215484.59	171.02281		539391.74	4215503.70	161.12154	
539385.71	4215519.47	269.87147		539379.68	4215535.23	401.92214	
539373.65	4215551.00	355.49671					

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	0.82834	0.87199	0.91655	0.96222	1.00738	1.05223	1.09616	1.13894	1.17921
4215980.65	0.83833	0.88521	0.93416	0.98429	1.03484	1.08578	1.13647	1.18691	1.23572
4215960.65	0.84548	0.89595	0.94884	1.00368	1.05972	1.11694	1.17475	1.23319	1.29060
4215940.65	0.85041	0.90374	0.96040	1.01973	1.08112	1.14473	1.20988	1.27628	1.34360
4215920.65	0.85315	0.90886	0.96867	1.03216	1.09870	1.16846	1.24103	1.31611	1.39339
4215900.65	0.85412	0.91156	0.97362	1.04091	1.11203	1.18769	1.26746	1.35123	1.43888
4215880.65	0.85395	0.91216	0.97631	1.04635	1.12133	1.20213	1.28906	1.38129	1.47872
4215860.65	0.85347	0.91203	0.97712	1.04893	1.12715	1.21224	1.30507	1.40564	1.51309
4215840.65	0.85304	0.91172	0.97704	1.04944	1.12981	1.21876	1.31631	1.42357	1.53956
4215820.65	0.85389	0.91204	0.97709	1.04954	1.13102	1.22179	1.32302	1.43492	1.55845
4215800.65	0.85600	0.91353	0.97792	1.04992	1.13136	1.22316	1.32613	1.44194	1.57044
4215780.65	0.85972	0.91660	0.98000	1.05161	1.13202	1.22304	1.32626	1.44352	1.57514
4215760.65	0.86502	0.92111	0.98414	1.05494	1.13416	1.22438	1.32657	1.44382	1.57727
4215740.65	0.87175	0.92749	0.99010	1.06034	1.13874	1.22712	1.32829	1.44469	1.57791
4215720.65	0.87953	0.93541	0.99776	1.06727	1.14504	1.23259	1.33227	1.44745	1.58023
4215700.65	0.88830	0.94434	1.00674	1.07619	1.15325	1.24030	1.33919	1.45283	1.58493
4215680.65	0.89685	0.95345	1.01586	1.08594	1.16315	1.25022	1.34888		

1.46182 1.59293
4215660.65 | 0.90781 0.96145 1.02448 1.09523 1.17299 1.26057 1.35934
1.47212 1.60289
4215640.65 | 0.91530 0.97243 1.03107 1.10255 1.18110 1.26931 1.36854
1.48206 1.61238
4215620.65 | 0.91983 0.97765 1.04166 1.10672 1.18596 1.27433 1.37451
1.48908 1.61996
4215600.65 | 0.92071 0.97901 1.04348 1.11513 1.19499 1.28449 1.38522
1.49061 1.62248
4215580.65 | 0.91849 0.97696 1.04164 1.11339 1.19341 1.28309 1.38411
1.49840 1.61935
4215560.65 | 0.91419 0.97268 1.03722 1.10904 1.18869 1.27792 1.37827
1.49233 1.62259
4215540.65 | 0.90934 0.96747 1.03206 1.10369 1.18278 1.27130 1.37089
1.48395 1.61355
4215520.65 | 0.90521 0.96305 1.02735 1.09869 1.17709 1.26478 1.36339
1.47542 1.60415
4215500.65 | 0.90104 0.95886 1.02275 1.09364 1.17117 1.25840 1.35648
1.46722 1.59380
4215480.65 | 0.89575 0.95283 1.01584 1.08517 1.16236 1.24803 1.34418
1.45337 1.57654
4215460.65 | 0.88646 0.94217 1.00367 1.07115 1.14616 1.22984 1.32361
1.42843 1.54697
4215440.65 | 0.87151 0.92535 0.98403 1.04957 1.12214 1.20232 1.29186
1.39244 1.50377
4215420.65 | 0.85125 0.90219 0.95883 1.02121 1.09030 1.16613 1.25148
1.34601 1.44981
4215400.65 | 0.82733 0.87573 0.92945 0.98852 1.05275 1.12460 1.20435
1.29198 1.38756
4215380.65 | 0.80095 0.84729 0.89792 0.95324 1.01314 1.07992 1.15365
1.23441 1.32190
4215360.65 | 0.77433 0.81780 0.86507 0.91577 0.97197 1.03365 1.10173
1.17513 1.25574
4215340.65 | 0.74717 0.78763 0.83069 0.87829 0.93035 0.98769 1.05025
1.12042 1.19714
4215320.65 | 0.71949 0.75698 0.79697 0.84138 0.88948 0.94296 1.00411
1.07129 1.14835
4215300.65 | 0.69174 0.72624 0.76466 0.80719 0.85297 0.90562 0.96562
1.03344 1.11169
4215280.65 | 0.66465 0.69845 0.73607 0.77837 0.82456 0.87729 0.93778
1.00713 1.08781
4215260.65 | 0.64123 0.67505 0.71328 0.75595 0.80374 0.85718 0.91912
0.98915 1.06858
4215240.65 | 0.62255 0.65761 0.69742 0.74183 0.79123 0.84598 0.90691
0.97506 1.05020
4215220.65 | 0.60962 0.64633 0.68699 0.73337 0.78331 0.83811 0.89678
0.96135 1.03002

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)						
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17
538885.17	538905.17						
4215660.65	0.90781	0.96145	1.02448	1.09523	1.17299	1.26057	1.35934
1.47212	1.60289						
4215640.65	0.91530	0.97243	1.03107	1.10255	1.18110	1.26931	1.36854
1.48206	1.61238						
4215620.65	0.91983	0.97765	1.04166	1.10672	1.18596	1.27433	1.37451
1.48908	1.61996						
4215600.65	0.92071	0.97901	1.04348	1.11513	1.19499	1.28449	1.38522
1.49061	1.62248						
4215580.65	0.91849	0.97696	1.04164	1.11339	1.19341	1.28309	1.38411
1.49840	1.61935						
4215560.65	0.91419	0.97268	1.03722	1.10904	1.18869	1.27792	1.37827
1.49233	1.62259						
4215540.65	0.90934	0.96747	1.03206	1.10369	1.18278	1.27130	1.37089
1.48395	1.61355						
4215520.65	0.90521	0.96305	1.02735	1.09869	1.17709	1.26478	1.36339
1.47542	1.60415						
4215500.65	0.90104	0.95886	1.02275	1.09364	1.17117	1.25840	1.35648
1.46722	1.59380						
4215480.65	0.89575	0.95283	1.01584	1.08517	1.16236	1.24803	1.34418
1.45337	1.57654						
4215460.65	0.88646	0.94217	1.00367	1.07115	1.14616	1.22984	1.32361
1.42843	1.54697						
4215440.65	0.87151	0.92535	0.98403	1.04957	1.12214	1.20232	1.29186
1.39244	1.50377						
4215420.65	0.85125	0.90219	0.95883	1.02121	1.09030	1.16613	1.25148
1.34601	1.44981						
4215400.65	0.82733	0.87573	0.92945	0.98852	1.05275	1.12460	1.20435
1.29198	1.38756						
4215380.65	0.80095	0.84729	0.89792	0.95324	1.01314	1.07992	1.15365
1.23441	1.32190						
4215360.65	0.77433	0.81780	0.86507	0.91577	0.97197	1.03365	1.10173
1.17513	1.25574						
4215340.65	0.74717	0.78763	0.83069	0.87829	0.93035	0.98769	1.05025
1.12042	1.19714						
4215320.65	0.71949	0.75698	0.79697	0.84138	0.88948	0.94296	1.00411
1.07129	1.14835						
4215300.65	0.69174	0.72624	0.76466	0.80719	0.85297	0.90562	0.96562
1.03344	1.11169						
4215280.65	0.66465	0.69845	0.73607	0.77837	0.82456	0.87729	0.93778
1.00713	1.08781						
4215260.65	0.64123	0.67505	0.71328	0.75595	0.80374	0.85718	0.91912
0.98915	1.06858						
4215240.65	0.62255	0.65761	0.69742	0.74183	0.79123	0.84598	0.90691
0.97506	1.05020						
4215220.65	0.60962	0.64633	0.68699	0.73337	0.78331	0.83811	0.89678
0.96135	1.03002						

  4215200.65 | 0.60198   0.63991   0.68134   0.72753   0.77604   0.82873   0.88370
0.94143   1.00260
  4215180.65 | 0.59785   0.63545   0.67679   0.72100   0.76702   0.81524   0.86546
0.91685   0.97049
  4215160.65 | 0.59456   0.63154   0.67065   0.71155   0.75335   0.79720   0.84193
0.88851   0.93611
  4215140.65 | 0.59090   0.62549   0.66142   0.69773   0.73569   0.77482   0.81555
0.85781   0.90157
  4215120.65 | 0.58483   0.61636   0.64863   0.68108   0.71503   0.75031   0.78679
0.82660   0.86859
  4215100.65 | 0.57576   0.60406   0.63239   0.66202   0.69277   0.72510   0.75914
0.79690   0.83728
  4215080.65 | 0.56396   0.58880   0.61481   0.64177   0.67008   0.69988   0.73288
0.76939   0.80957
  4215060.65 | 0.55008   0.57257   0.59632   0.62132   0.64751   0.67657   0.70862
0.74440   0.78392
  4215040.65 | 0.53462   0.55570   0.57783   0.60153   0.62672   0.65505   0.68655
0.72116   0.76081
  4215020.65 | 0.51918   0.53891   0.56001   0.58239   0.60755   0.63544   0.66654
0.70079   0.73996

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                              INCLUDING SOURCE(S):   IDLCAR   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
 -
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  4216000.65 | 1.21646   1.25041   1.28099   1.30856   1.33374   1.35787   1.38214
1.40825   1.43741
  4215980.65 | 1.28118   1.32311   1.36119   1.39535   1.42615   1.45452   1.48180
1.51012   1.54097
  4215960.65 | 1.34632   1.39770   1.44520   1.48803   1.52635   1.56087   1.59295
1.62452   1.65780
  4215940.65 | 1.40986   1.47314   1.53177   1.58570   1.63413   1.67737   1.71643
1.75306   1.78995
  4215920.65 | 1.47097   1.54680   1.61939   1.68663   1.74825   1.80331   1.85268
1.89712   1.93958
  4215900.65 | 1.52780   1.61777   1.70513   1.78843   1.86597   1.93665   2.00184
2.05774   2.10889
  4215880.65 | 1.58061   1.68439   1.78812   1.88949   1.98660   2.07677   2.16143
2.23537   2.29982
  4215860.65 | 1.62611   1.74476   1.86524   1.98653   2.10587   2.22093   2.32875
2.42733   2.51315
  4215840.65 | 1.66428   1.79699   1.93550   2.07830   2.22252   2.36563   2.50353
2.63243   2.74834
  4215820.65 | 1.69297   1.83955   1.99580   2.16071   2.33177   2.50504   2.67989
2.84707   3.00107
  4215800.65 | 1.71344   1.87143   2.04422   2.23089   2.42943   2.63661   2.85190
3.06514   3.26645
  4215780.65 | 1.72459   1.89282   2.07973   2.28746   2.51300   2.75653   3.01431
3.27866   3.54218
  4215760.65 | 1.72995   1.90436   2.10384   2.32832   2.57960   2.85713   3.16016
3.48018   3.81191
  4215740.65 | 1.73222   1.91060   2.11680   2.35450   2.62559   2.93468   3.27920

3.65794 4.06409
4215720.65 | 1.73401 1.91394 2.12320 2.36796 2.65536 2.98824 3.36830
3.80247 4.28432
4215700.65 | 1.73826 1.91639 2.12684 2.37556 2.67052 3.01888 3.42699
3.90549 4.45952
4215680.65 | 1.74495 1.92182 2.13100 2.37948 2.67514 3.03245 3.45750
3.96918 4.58202
4215660.65 | 1.75340 1.92971 2.13739 2.38421 2.67898 3.03769 3.46978
4.00020 4.65287
4215640.65 | 1.76340 1.93909 2.14553 2.38935 2.68331 3.04014 3.47265
4.00932 4.68197
4215620.65 | 1.77133 1.94705 2.15194 2.39551 2.68741 3.03980 3.46887
4.00340 4.67975
4215600.65 | 1.77406 1.94985 2.15448 2.39727 2.68754 3.03707 3.46195
3.99109 4.66219
4215580.65 | 1.77057 1.94494 2.14951 2.39074 2.67874 3.02498 3.44484
3.96644 4.62699
4215560.65 | 1.76175 1.93534 2.13794 2.37661 2.65959 3.00210 3.41492
3.92632 4.57184
4215540.65 | 1.76165 1.92434 2.12448 2.35869 2.63826 2.97454 3.37865
3.87765 4.50496
4215520.65 | 1.75080 1.91385 2.11155 2.34243 2.61756 2.94788 3.34328
3.82996 4.43897
4215500.65 | 1.73860 1.90547 2.09454 2.32253 2.59245 2.91379 3.29890
3.77097 4.35907
4215480.65 | 1.71712 1.87968 2.06796 2.28828 2.54944 2.85897 3.22805
3.67778 4.23408
4215460.65 | 1.68190 1.83631 2.01577 2.22601 2.47775 2.76885 3.11281
3.52862 4.03772
4215440.65 | 1.63102 1.77447 1.94200 2.13744 2.36325 2.64446 2.95773
3.33311 3.78974
4215420.65 | 1.56661 1.69865 1.85236 2.02898 2.23606 2.50030 2.78375
3.12341 3.53727
4215400.65 | 1.49445 1.61482 1.75488 1.91573 2.10511 2.32847 2.58481
2.89461 3.27492
4215380.65 | 1.41963 1.52805 1.65704 1.80877 1.98711 2.19661 2.44159
2.73857 3.10018
4215360.65 | 1.34654 1.44984 1.57303 1.71985 1.89397 2.09881 2.33729
2.62128 2.95829
4215340.65 | 1.28475 1.38597 1.50815 1.65415 1.82378 2.02544 2.25220
2.51449 2.81610
4215320.65 | 1.23607 1.33970 1.46235 1.60678 1.77090 1.96023 2.16977
2.40333 2.67082
4215300.65 | 1.20209 1.30612 1.42841 1.56472 1.71891 1.88990 2.07549
2.28274 2.51921
4215280.65 | 1.17802 1.28069 1.39461 1.52125 1.65943 1.81053 1.97392
2.16051 2.37846
4215260.65 | 1.15628 1.25328 1.35686 1.46966 1.59165 1.72384 1.87377
2.04519 2.25004
4215240.65 | 1.13209 1.21833 1.31130 1.41108 1.51974 1.63920 1.77787
1.94173 2.13862
4215220.65 | 1.10236 1.17771 1.26024 1.34962 1.44730 1.55991 1.69160
1.84941 2.04066

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538925.17    538945.17    538965.17    538985.17    539005.17    539025.17    539045.17
539065.17    539085.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       1.06589      1.13390      1.20729      1.28816      1.38096      1.48848      1.61577
1.76756      1.95582
  4215180.65 |       1.02714      1.08797      1.15579      1.23209      1.32109      1.42537      1.54798
1.69794      1.88130
  4215160.65 |       0.98698      1.04356      1.10684      1.18141      1.26799      1.36995      1.49003
1.63648      1.81464
  4215140.65 |       0.94930      1.00333      1.06462      1.13743      1.22110      1.31975      1.43864
1.58135      1.75399
  4215120.65 |       0.91519      0.96778      1.02792      1.09844      1.18077      1.27633      1.39241
1.53117      1.69602
  4215100.65 |       0.88346      0.93510      0.99521      1.06379      1.14364      1.23714      1.35025
1.48488      1.64391
  4215080.65 |       0.85496      0.90665      0.96517      1.03274      1.11003      1.20129      1.31131
1.44006      1.59497
  4215060.65 |       0.82938      0.88121      0.93900      1.00460      1.08032      1.16813      1.27500
1.39966      1.54874
  4215040.65 |       0.80570      0.85681      0.91366      0.97883      1.05281      1.13959      1.24374
1.36479      1.50834
  4215020.65 |       0.78427      0.83388      0.89036      0.95402      1.02813      1.11284      1.21432
1.33174      1.46954
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 304
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                                INCLUDING SOURCE(S):     IDLCAR      ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539105.17    539125.17    539145.17    539165.17    539185.17    539205.17    539225.17
539245.17    539265.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4216000.65 |       1.47114      1.50990      1.55409      1.60430      1.66154      1.72814      1.80828
1.90613      2.02708
  4215980.65 |       1.57634      1.61720      1.66414      1.71790      1.77911      1.85115      1.93704
2.04275      2.17428
  4215960.65 |       1.69510      1.73823      1.78806      1.84562      1.91180      1.98924      2.08211
2.19674      2.34026
  4215940.65 |       1.82987      1.87549      1.92842      1.98998      2.06135      2.14510      2.24586
2.37054      2.52767
  4215920.65 |       1.98345      2.03217      2.08848      2.15433      2.23138      2.32219      2.43176
2.56785      2.74048
  4215900.65 |       2.15884      2.21195      2.27223      2.34278      2.42598      2.52471      2.64464
2.79328      2.98364
  4215880.65 |       2.35940      2.41923      2.48465      2.56049      2.65037      2.75798      2.88879
3.05329      3.26346
  4215860.65 |       2.58805      2.65868      2.73184      2.81424      2.91160      3.02886      3.17266
3.35415      3.58804
  4215840.65 |       2.84727      2.93552      3.02090      3.11242      3.21852      3.34674      3.50524
3.70629      3.96709
  4215820.65 |       3.13688      3.25385      3.35952      3.46526      3.58294      3.72383      3.89908
4.12282      4.41529
  4215800.65 |       3.45232      3.61598      3.75532      3.88486      4.01980      4.17652      4.37087
```

4.62125   4.95229
  4215780.65 | 3.79044   4.01771   4.21389   4.38412   4.54758   4.72650   4.94422
5.22573   5.60297
  4215760.65 | 4.14063   4.45355   4.73264   4.97512   5.18820   5.40246   5.65103
5.97013   6.40326
  4215740.65 | 4.48784   4.90835   5.30672   5.66294   5.96283   6.23932   6.53444
6.90366   7.40467
  4215720.65 | 4.80995   5.36629   5.92016   6.43915   6.88426   7.27268   7.64742
8.08871   8.68527
  4215700.65 | 5.09153   5.79621   6.54232   7.28213   7.96318   8.55275   9.08532
9.63081   10.36158
  4215680.65 | 5.31103   6.16605   7.12933   8.15669   9.18418   10.11701   10.94041
11.70969   12.61686
  4215660.65 | 5.45810   6.44749   7.62452   8.98860   10.46869   11.94725   13.31810
14.52731   15.75821
  4215640.65 | 5.53527   6.62056   7.99353   9.69231   11.70681   13.95248   16.23386
18.34822   20.29824
  4215620.65 | 5.55677   6.69971   8.20812   10.19071   12.74593   15.93409   19.61019
23.40170   26.93539
  4215600.65 | 5.53460   6.69956   8.27518   10.44333   13.44086   17.57914   23.03950
29.61143   36.58152
  4215580.65 | 5.48612   6.63919   8.22043   10.44667   13.70667   18.58166   25.90193
36.40640   49.96210
  4215560.65 | 5.40898   6.53109   8.06436   10.26259   13.55266   18.74287   27.34257
42.17007   66.47598
  4215540.65 | 5.31458   6.39430   7.86142   9.95691   13.09817   18.11095   26.93805
44.30572   81.80524
  4215520.65 | 5.22118   6.25170   7.65341   9.62697   12.54822   17.14588   25.18681
41.38183   83.67143
  4215500.65 | 5.11002   6.09803   7.42359   9.26677   11.93267   16.07127   23.03781
36.30818   67.57934
  4215480.65 | 4.93845   5.85577   7.07004   8.72032   11.08116   14.62802   20.35551
30.54263   52.21003
  4215460.65 | 4.67560   5.49688   6.56996   8.00703   10.02962   12.99639   17.60879
25.41626   41.14021
  4215440.65 | 4.35863   5.08829   6.03077   7.29811   9.04418   11.53381   15.26091
21.53913   33.40967
  4215420.65 | 4.05401   4.71698   5.56753   6.69080   8.19679   10.27773   13.41532
18.61946   27.63339
  4215400.65 | 3.75376   4.40535   5.17398   6.15675   7.44858   9.23572   11.95464
16.32700   23.17965
  4215380.65 | 3.54640   4.10223   4.81128   5.66407   6.78381   8.37963   10.78666
14.45641   19.71053
  4215360.65 | 3.36037   3.84722   4.46517   5.21314   6.22963   7.68480   9.82227
12.86295   16.91801
  4215340.65 | 3.16814   3.59241   4.11493   4.83013   5.77349   7.11019   8.98226
11.50417   14.63868
  4215320.65 | 2.98030   3.35631   3.83111   4.46117   5.39562   6.62330   8.26306
10.33905   12.77299
  4215300.65 | 2.80190   3.14693   3.59627   4.18958   5.01014   6.18210   7.60172
9.31347   11.23154
  4215280.65 | 2.63969   2.96823   3.39472   3.95895   4.72937   5.78316   7.00419
8.41128   9.93136
  4215260.65 | 2.50308   2.82105   3.22786   3.75715   4.46672   5.41181   6.45249
7.61805   8.83702
  4215240.65 | 2.38400   2.69204   3.08235   3.58067   4.22959   5.06457   5.95002
6.91613   7.91000
  4215220.65 | 2.27895   2.57619   2.95193   3.42240   4.00641   4.69846   5.49367
6.29573   7.11528

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215200.65	2.18704	2.47590	2.83221	3.27303	3.79988	4.40027	5.07679	5.75062	6.43472
4215180.65	2.10495	2.38134	2.72035	3.12659	3.59884	4.12270	4.69996	5.27075	5.84766
4215160.65	2.03024	2.29655	2.61776	2.99026	3.41187	3.86496	4.33781	4.84699	5.33859
4215140.65	1.96119	2.21674	2.51641	2.85900	3.23412	3.62612	4.03056	4.44793	4.89453
4215120.65	1.89664	2.13833	2.41906	2.73254	3.06273	3.40516	3.75596	4.11454	4.48781
4215100.65	1.83577	2.06589	2.32518	2.60845	2.90363	3.20102	3.50420	3.81731	4.14760
4215080.65	1.77797	1.99394	2.23458	2.49187	2.75137	3.01261	3.27597	3.55144	3.84302
4215060.65	1.72477	1.92669	2.14706	2.38022	2.61043	2.83881	3.07126	3.31284	3.57193
4215040.65	1.67355	1.86145	2.06253	2.27008	2.47450	2.67651	2.88267	3.09798	3.32963
4215020.65	1.62563	1.79806	1.98099	2.16560	2.34578	2.52506	2.70878	2.90168	3.11220

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	2.17212	2.34234	2.53385	2.73962	2.94887	3.14734	3.31557	3.44250	3.51943
4215980.65	2.33413	2.52247	2.73544	2.96345	3.19529	3.41274	3.59438	3.72454	3.79509
4215960.65	2.51629	2.72548	2.96335	3.21835	3.47492	3.71199	3.90581	4.03894	4.09931
4215940.65	2.72220	2.95553	3.22139	3.50766	3.79394	4.05264	4.26056	4.39458	4.43980
4215920.65	2.95631	3.21778	3.51771	3.83949	4.15840	4.44246	4.66224	4.79358	4.81936
4215900.65	3.22418	3.51866	3.85895	4.22269	4.58127	4.89119	5.12392	5.24504	5.24302
4215880.65	3.53278	3.86522	4.25341	4.66845	5.07327	5.41635	5.65448	5.75737	5.71083
4215860.65	3.89017	4.26759	4.71310	5.19138	5.65284	6.02950	6.27066		

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6.34055      6.23664
  4215840.65 |       4.30787      4.74180      5.25541      5.81040      6.33574      6.75029      6.98643
7.00620      6.82105
  4215820.65 |       4.80344      5.30311      5.90425      6.55092      7.15454      7.60453      7.81824
7.76790      7.47830
  4215800.65 |       5.39660      5.97904      6.68437      7.44710      8.13940      8.62532      8.79918
8.64128      8.21324
  4215780.65 |       6.11872      6.80377      7.64464      8.54996      9.34652      9.85619      9.95710
9.65027      9.03997
  4215760.65 |       7.00563      7.82217      8.84062      9.92713     10.84512     11.35926     11.33100
10.81719      9.96418
  4215740.65 |       8.11617      9.10219     10.34876     11.66659     12.72151     13.20187     12.96887
12.15528     10.99777
  4215720.65 |       9.53451     10.74469     12.29573     13.91416     15.11665     15.49153     14.93708
13.69843     12.15593
  4215700.65 |      11.39351     12.90478     14.87355     16.88777     18.22530     18.36256     17.29103
15.48126     13.46011
  4215680.65 |      13.90784     15.83064     18.38634     20.92569     22.35518     22.00561     20.12766
17.54141     14.94081
  4215660.65 |      17.43131     19.95337     23.36141     26.60504     27.97307     26.69565     23.58642
19.94789     16.63988
  4215640.65 |      22.56471     26.01467     30.74606     34.93704     35.82989     32.81697     27.81253
22.78533     18.59317
  4215620.65 |      30.55694     35.53573     42.42601     47.83990     47.19045     40.93220     33.05822
26.14295     20.81250
  4215600.65 |      43.59354     51.87326     62.41115     69.16427     64.24648     51.93549     39.57139
30.00816     23.12837
  4215580.65 |      65.75132     83.38482    101.71291    108.05051     90.98090     66.80330     47.25335
33.94873     25.08736
  4215560.65 |     102.98430    153.10893    197.06258    189.36431    134.19400     85.78192     54.93777
36.93275     26.04185
  4215540.65 |     161.90076    319.10329    605.70791    380.22395    199.88963    104.95217     59.83723
37.64884     25.57557
  4215520.65 |     247.84388   1045.43835   1474.73450   1055.86299    281.38371    114.64852     58.74360
35.60859     23.96911
  4215500.65 |     198.86246    903.16694   1347.11092   1331.86767    420.98772    100.06758     51.48543
31.92757     21.88847
  4215480.65 |     114.66348    258.31176    397.11632    396.56088    209.98948     79.61036     43.00780
27.69436     19.55124
  4215460.65 |      76.61569    138.73297    196.52162    199.42418    135.77321     69.41495     37.67376
24.24493     17.29449
  4215440.65 |      55.32198     87.46760    115.92713    119.84384     94.35664     59.41656     35.08428
22.36858     15.76945
  4215420.65 |      41.92917     60.35820     76.09731     79.81768     68.75860     49.72646     32.64406
21.41077     14.93805
  4215400.65 |      32.91086     44.27890     53.73237     56.89884     51.92480     41.28567     29.71619
20.57059     14.51174
  4215380.65 |      26.50182     33.91556     40.01947     42.54569     40.36554     34.27638     26.57330
19.50178     14.14934
  4215360.65 |      21.77716     26.84310     31.01686     33.05554     32.16072     28.58675     23.46807
18.18899     13.70370
  4215340.65 |      18.19904     21.77942     24.79078     26.44188     26.19148     24.05840     20.63358
16.73859     13.10142
  4215320.65 |      15.42926     18.08154     20.30296     21.63585     21.67559     20.41201     18.10294
15.25527     12.37856
  4215300.65 |      13.25757     15.25647     16.95811     18.03394     18.23614     17.48621     15.91570
13.83249     11.58441
  4215280.65 |      11.51578     13.05999     14.39625     15.28587     15.55190     15.11843     14.03544
12.50726     10.76075
  4215260.65 |      10.09912     11.31779     12.38025     13.13258     13.41984     13.18429     12.43902
11.31302      9.95779
  4215240.65 |       8.92607      9.91191     10.77864     11.41340     11.69975     11.58310     11.07627
10.24864      9.19632
  4215220.65 |       7.95039      8.76057      9.47826     10.01866     10.28737     10.25622      9.91490
9.29692      8.48308
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	7.12979	7.80539	8.40714	8.87119	9.12359	9.14200	8.91278	8.45752	7.82748
4215180.65	6.43385	7.00351	7.51395	7.91108	8.14946	8.19857	8.04841	7.71401	7.22324
4215160.65	5.83819	6.32371	6.75715	7.10692	7.32604	7.39363	7.29956	7.05536	6.67532
4215140.65	5.32429	5.74514	6.12295	6.42627	6.62384	6.70182	6.64768	6.46879	6.17286
4215120.65	4.87185	5.24569	5.57745	5.84221	6.02297	6.10335	6.07747	5.94777	5.71549
4215100.65	4.48424	4.81368	5.10225	5.33704	5.50237	5.58234	5.57657	5.48393	5.30333
4215080.65	4.14304	4.43516	4.68986	4.89918	5.04620	5.12614	5.13459	5.06811	4.92993
4215060.65	3.84100	4.10337	4.32763	4.51321	4.64795	4.72452	4.74286	4.69786	4.59147
4215040.65	3.57013	3.80451	4.01572	4.18944	4.29652	4.37247	4.39595	4.36714	4.28427
4215020.65	3.32821	3.53858	3.72854	3.88688	4.00635	4.05921	4.08736	4.06945	4.00642

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	3.53778	3.50163	3.41320	3.28615	3.13197	2.96056	2.78368	2.60797	2.43573
4215980.65	3.79780	3.73704	3.62359	3.46626	3.28513	3.09124	2.89246	2.70048	2.51548
4215960.65	4.08329	3.99624	3.84850	3.65846	3.44711	3.22539	3.00536	2.79524	2.59751
4215940.65	4.39899	4.27486	4.08870	3.86119	3.61443	3.36483	3.12265	2.89421	2.68371
4215920.65	4.74365	4.57631	4.34487	4.07698	3.79129	3.51017	3.24355		

2.99816 2.77480
4215900.65 | 5.12222 4.90206 4.61763 4.30197 3.97643 3.66223 3.37244
3.10809 2.87175
4215880.65 | 5.53242 5.25092 4.90765 4.53890 4.17082 3.82439 3.51079
3.22873 2.97844
4215860.65 | 5.98493 5.62655 5.21311 4.78880 4.37587 3.99839 3.65851
3.35795 3.09292
4215840.65 | 6.47713 6.03056 5.54058 5.05343 4.59585 4.18219 3.81715
3.49712 3.21757
4215820.65 | 7.01501 6.46138 5.88642 5.33247 4.82896 4.38012 3.98864
3.64908 3.34987
4215800.65 | 7.60220 6.92834 6.25641 5.63461 5.08058 4.59481 4.17466
3.81144 3.49207
4215780.65 | 8.25840 7.44063 6.66187 5.96457 5.35460 4.82886 4.37862
3.98660 3.64378
4215760.65 | 8.97187 7.99246 7.09927 6.32244 5.65494 5.08664 4.59746
4.17377 3.80303
4215740.65 | 9.75575 8.59644 7.57991 6.71696 5.98498 5.36492 4.83174
4.36955 3.96613
4215720.65 | 10.62287 9.26443 8.11316 7.15330 6.34817 5.66308 5.07555
4.56581 4.12090
4215700.65 | 11.59147 10.01121 8.70402 7.63058 6.73302 5.96940 5.31459
4.74737 4.25385
4215680.65 | 12.68548 10.84619 9.35793 8.13959 7.12510 6.26335 5.52723
4.89406 4.34829
4215660.65 | 13.92861 11.78079 10.05780 8.65647 7.49203 6.51333 5.68683
4.98559 4.39040
4215640.65 | 15.32313 12.77278 10.75055 9.11740 7.78160 6.67832 5.76442
5.00426 4.37127
4215620.65 | 16.79830 13.72876 11.33395 9.44143 7.93498 6.72245 5.74248
4.94526 4.29395
4215600.65 | 18.15008 14.45925 11.67783 9.55474 7.91848 6.63951 5.63049
4.82566 4.17810
4215580.65 | 19.02210 14.75414 11.67881 9.42448 7.73701 6.45184 5.45585
4.67286 4.04554
4215560.65 | 19.11398 14.52097 11.35597 9.10520 7.45584 6.21626 5.26451
4.51649 3.91930
4215540.65 | 18.42238 13.90026 10.85368 8.71414 7.15523 5.98515 5.08552
4.37690 3.80921
4215520.65 | 17.28922 13.13232 10.31545 8.32828 6.87221 5.77398 4.92324
4.25083 3.70974
4215500.65 | 16.03505 12.30397 9.75718 7.93198 6.58376 5.55729 4.75716
4.12112 3.60751
4215480.65 | 14.59976 11.36486 9.10881 7.47248 6.24713 5.30517 4.56394
3.97082 3.48768
4215460.65 | 13.10632 10.32519 8.37219 6.93447 5.85203 5.00574 4.33326
3.78990 3.34396
4215440.65 | 11.90573 9.39377 7.65311 6.38767 5.42664 4.67717 4.07416
3.58337 3.17775
4215420.65 | 11.14824 8.72681 7.08593 5.91441 5.03577 4.35709 3.81216
3.36784 2.99986
4215400.65 | 10.72883 8.32054 6.70513 5.56452 4.72678 4.08571 3.57668
3.16522 2.82665
4215380.65 | 10.50866 8.10821 6.48497 5.34065 4.50837 3.87723 3.38631
2.99363 2.67302
4215360.65 | 10.33749 7.98925 6.36402 5.20993 4.36632 3.73338 3.24355
2.85846 2.54814
4215340.65 | 10.12610 7.90657 6.29997 5.13781 4.28567 3.64215 3.14807
2.76031 2.45222
4215320.65 | 9.83423 7.80065 6.24823 5.09781 4.23910 3.58922 3.08798
2.69674 2.38567
4215300.65 | 9.45934 7.65014 6.19293 5.07161 4.21592 3.56050 3.05385
2.65749 2.34149
4215280.65 | 9.01948 7.44233 6.11226 5.04192 4.20151 3.54848 3.03866
2.63631 2.31481
4215260.65 | 8.53446 7.19041 5.99809 4.99733 4.18577 3.54274 3.03265
2.62630 2.30108
4215240.65 | 8.04182 6.90482 5.84977 4.93145 4.16085 3.53483 3.03070
2.62366 2.29543

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***

    INCLUDING SOURCE(S):   IDLCAR   ,

     *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

          ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539465.17   539485.17   539505.17   539525.17   539545.17   539565.17   539585.17
539605.17   539625.17
- -
- - - - - - - -

 4215200.65 | 7.07570   6.27139   5.47641   4.73082   4.06767   3.49813   3.01872
2.62254   2.29538
 4215180.65 | 6.61877   5.94805   5.26029   4.60066   3.99690   3.46297   3.00528
2.61919   2.29636
 4215160.65 | 6.18698   5.62642   5.03774   4.45610   3.90995   3.41747   2.98405
2.61132   2.29444
 4215140.65 | 5.77850   5.31435   4.81198   4.30473   3.81509   3.36323   2.95650
2.59896   2.29172
 4215120.65 | 5.39904   5.01341   4.58728   4.14515   3.71016   3.29861   2.92036
2.58110   2.28477
 4215100.65 | 5.04796   4.72929   4.36682   3.98394   3.59786   3.22513   2.87600
2.55683   2.27328
 4215080.65 | 4.72394   4.45946   4.15292   3.82215   3.48060   3.14470   2.82426
2.52627   2.25691
 4215060.65 | 4.42540   4.20593   3.94711   3.66082   3.36058   3.05807   2.76553
2.48968   2.23503
 4215040.65 | 4.15058   3.96856   3.74920   3.50178   3.23674   2.96705   2.70111
2.44647   2.20788
 4215020.65 | 3.89647   3.74680   3.56098   3.34742   3.11463   2.87395   2.63299
2.39824   2.17642

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***

    INCLUDING SOURCE(S):   IDLCAR   ,

     *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

          ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539645.17   539665.17   539685.17   539705.17   539725.17
- -
- - - - - - - -

 4216000.65 | 2.27477   2.12779   1.99277   1.87019   1.75963
 4215980.65 | 2.34589   2.19021   2.04916   1.92243   1.80647
 4215960.65 | 2.41828   2.25502   2.10781   1.97665   1.85671
 4215940.65 | 2.49475   2.32373   2.17099   2.03306   1.90877

4215920.65	2.57597	2.39673	2.23692	2.09373	1.96374
4215900.65	2.66250	2.47443	2.30696	2.15794	2.02275
4215880.65	2.75781	2.55989	2.38374	2.22606	2.08434
4215860.65	2.85984	2.65101	2.46532	2.29940	2.14923
4215840.65	2.96905	2.74822	2.55198	2.37558	2.21609
4215820.65	3.08597	2.85163	2.64326	2.45479	2.28543
4215800.65	3.21051	2.96168	2.73790	2.53633	2.35394
4215780.65	3.34143	3.07388	2.83303	2.61589	2.42007
4215760.65	3.47697	3.18543	2.92403	2.68839	2.47630
4215740.65	3.60809	3.28948	3.00423	2.74922	2.51845
4215720.65	3.72682	3.37723	3.06725	2.78969	2.54182
4215700.65	3.81947	3.43751	3.10083	2.80470	2.54298
4215680.65	3.87368	3.46145	3.10387	2.79228	2.52034
4215660.65	3.88098	3.44540	3.07303	2.75368	2.47731
4215640.65	3.83914	3.39118	3.01349	2.69341	2.42065
4215620.65	3.75541	3.30813	2.93503	2.62231	2.35660
4215600.65	3.64896	3.21327	2.85192	2.55035	2.29470
4215580.65	3.53701	3.11945	2.77356	2.48471	2.23983
4215560.65	3.43485	3.03751	2.70601	2.42909	2.19389
4215540.65	3.34806	2.96680	2.64935	2.38261	2.15522
4215520.65	3.26839	2.90236	2.59642	2.33879	2.11803
4215500.65	3.18548	2.83475	2.54073	2.29174	2.07846
4215480.65	3.08913	2.75627	2.47601	2.23724	2.03264
4215460.65	2.97331	2.66248	2.39827	2.17260	1.97794
4215440.65	2.83830	2.55178	2.30671	2.09575	1.91325
4215420.65	2.69130	2.42895	2.20394	2.00927	1.84002
4215400.65	2.54310	2.30239	2.09576	1.91701	1.76048
4215380.65	2.40677	2.18213	1.99025	1.82416	1.67913
4215360.65	2.29133	2.07645	1.89416	1.73744	1.60123
4215340.65	2.20028	1.98981	1.81267	1.66151	1.53104
4215320.65	2.13276	1.92292	1.74742	1.59868	1.47116
4215300.65	2.08527	1.87376	1.69774	1.54930	1.42264
4215280.65	2.05416	1.83958	1.66153	1.51201	1.38496
4215260.65	2.03592	1.81753	1.63662	1.48506	1.35674
4215240.65	2.02724	1.80511	1.62089	1.46677	1.33659
4215220.65	2.02418	1.79988	1.61256	1.45565	1.32318

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	2.02391	1.79883	1.60979	1.45024	1.31536
4215180.65	2.02605	1.80042	1.61062	1.44921	1.31205
4215160.65	2.02792	1.80313	1.61299	1.45100	1.31224
4215140.65	2.02962	1.80623	1.61654	1.45416	1.31480
4215120.65	2.02875	1.80851	1.62027	1.45826	1.31832
4215100.65	2.02482	1.80888	1.62298	1.46161	1.32205
4215080.65	2.01743	1.80688	1.62397	1.46409	1.32546
4215060.65	2.00585	1.80224	1.62324	1.46570	1.32812
4215040.65	1.98999	1.79394	1.61927	1.46510	1.32971
4215020.65	1.97050	1.78273	1.61363	1.46325	1.33002

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                              INCLUDING SOURCE(S):   IDLCAR   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	93.94413	539351.84	4215428.70	89.84755
539361.84	4215428.70	81.24787	539371.84	4215428.70	69.78991
539381.84	4215428.70	57.46224	539341.84	4215438.70	116.27457
539351.84	4215438.70	109.49048	539361.84	4215438.70	96.46177
539371.84	4215438.70	80.08864	539381.84	4215438.70	63.52286
539341.84	4215448.70	147.51983	539351.84	4215448.70	136.27694
539361.84	4215448.70	116.22141	539371.84	4215448.70	92.40657
539381.84	4215448.70	70.00926	539341.84	4215458.70	193.07410
539351.84	4215458.70	174.31328	539361.84	4215458.70	142.56398
539371.84	4215458.70	107.12119	539381.84	4215458.70	76.65774
539341.84	4215468.70	263.35649	539351.84	4215468.70	231.19574
539361.84	4215468.70	179.05479	539371.84	4215468.70	124.49680
539381.84	4215468.70	83.20098	539113.88	4215517.52	5.61669
539096.52	4215515.99	4.83526	539108.26	4215501.18	5.25125
539096.01	4215500.67	4.74225	539108.26	4215486.38	5.12801
539094.47	4215485.36	4.58085	539135.32	4215461.36	6.01859
539150.13	4215439.91	6.29268	539114.39	4215452.68	4.88810
539123.07	4215439.40	4.97712	539159.32	4215421.02	6.33872
539145.02	4215416.43	5.47433	539134.30	4215410.81	4.90200
539131.75	4215425.11	5.05395	539206.80	4215383.75	8.66401
539215.99	4215372.52	9.20253	539188.93	4215382.22	7.09224
539176.17	4215379.67	6.21028	539165.44	4215376.09	5.56815
539248.79	4215356.71	13.21559	539243.45	4215348.45	11.75117
539265.58	4215345.25	15.19803	539260.78	4215338.05	13.66758
539256.25	4215351.38	14.11102	539272.77	4215331.92	14.94485
539264.78	4215324.99	13.09865	539280.77	4215321.79	14.97172

539279.97	4215307.14	13.33132	539287.97	4215313.80	14.97534
539297.83	4215304.74	15.01845	539289.56	4215296.21	13.26188
539311.15	4215287.68	14.23879	539303.69	4215281.28	13.01031
539303.69	4215296.21	14.58558	539314.25	4215271.79	12.81819
539329.09	4215260.48	12.54613	539339.69	4215237.16	11.00961
539357.36	4215232.92	11.05199	539394.11	4215199.70	9.02258
539044.99	4215579.21	3.43893	539034.39	4215591.93	3.21745
539054.88	4215556.59	3.64057	539058.42	4215538.92	3.69253
539054.88	4215520.55	3.56541	539082.44	4215477.44	4.12571
539073.96	4215466.13	3.79177	539098.70	4215440.69	4.15884
539109.30	4215426.56	4.26566	539117.07	4215415.96	4.35534
539125.55	4215401.11	4.42615	539158.77	4215367.19	5.08298
539150.29	4215357.30	4.57863	539184.21	4215339.63	5.69994
539222.37	4215324.79	8.14036	539243.58	4215317.72	10.00757

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	8.81792	539364.42	4215191.93	8.67336
539344.64	4215200.41	8.84687	539409.65	4215113.48	5.87319
539355.94	4215136.80	6.42616	539262.66	4215288.75	10.21382
539282.44	4215261.19	9.95892	539299.41	4215235.04	9.30628
539168.92	4215647.77	9.78720	538947.70	4216163.58	0.79822
539352.12	4215798.21	7.83144	539367.62	4215566.76	113.52627
539278.26	4215504.64	132.09636	539297.51	4215494.11	333.02456
539323.66	4215486.12	500.08515	539342.55	4215482.85	453.55328
539367.23	4215481.23	191.70029	539397.77	4215487.94	56.23896
539352.73	4215556.41	190.86732	539337.83	4215546.05	368.54026
539322.94	4215535.70	905.31257	539308.05	4215525.35	888.14915

539293.15	4215514.99	691.56248	539287.89	4215499.38	234.27309
539310.58	4215490.12	470.92703	539354.89	4215482.04	335.88480
539382.50	4215484.59	91.58476	539391.74	4215503.70	80.57501
539385.71	4215519.47	112.15257	539379.68	4215535.23	131.31254
539373.65	4215551.00	130.23912			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	0.80221	0.84287	0.88567	0.92988	0.97492	1.02043	1.06639	1.11249	1.15817
4215980.65	0.81372	0.85728	0.90306	0.95096	1.00006	1.05052	1.10192	1.15463	1.20709
4215960.65	0.82364	0.86958	0.91899	0.97023	1.02352	1.07883	1.13587	1.19521	1.25547
4215940.65	0.83218	0.88091	0.93273	0.98776	1.04488	1.10526	1.16805	1.23371	1.30183
4215920.65	0.83971	0.89060	0.94508	1.00272	1.06391	1.12904	1.19789	1.27013	1.34658
4215900.65	0.84630	0.89861	0.95486	1.01590	1.08070	1.15050	1.22476	1.30385	1.38807
4215880.65	0.85184	0.90497	0.96310	1.02733	1.09548	1.16879	1.24873	1.33434	1.42600
4215860.65	0.85643	0.91069	0.97070	1.03678	1.10793	1.18499	1.26937	1.36163	1.46113
4215840.65	0.86031	0.91616	0.97746	1.04423	1.11792	1.19939	1.28820	1.38562	1.49181
4215820.65	0.86475	0.92071	0.98264	1.05091	1.12710	1.21069	1.30305	1.40540	1.51785
4215800.65	0.86856	0.92493	0.98790	1.05685	1.13429	1.22027	1.31567	1.42227	1.53966
4215780.65	0.87248	0.92939	0.99217	1.06207	1.14006	1.22706	1.32462	1.43401	1.55555
4215760.65	0.87631	0.93327	0.99645	1.06706	1.14529	1.23317	1.33147	1.44291	1.56838
4215740.65	0.88011	0.93696	1.00061	1.07143	1.14992	1.23785	1.33715	1.45002	1.57758
4215720.65	0.88354	0.94079	1.00444	1.07509	1.15395	1.24182	1.34102	1.45523	1.58473
4215700.65	0.88658	0.94416	1.00779	1.07853	1.15695	1.24531	1.34503	1.45835	1.58929
4215680.65	0.88922	0.94677	1.01014	1.08141	1.15997	1.24799	1.34747	1.46145	1.59311
4215660.65	0.89098	0.94864	1.01197	1.08329	1.16155	1.24967	1.34934	1.46279	1.59389
4215640.65	0.90175	0.94929	1.01297	1.08410	1.16222	1.25012	1.34933		

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1.46226      1.59266
  4215620.65 |       0.90287      0.96049      1.01306      1.08389      1.16190      1.24871      1.34738
1.46049      1.58974
  4215600.65 |       0.90240      0.96008      1.02368      1.08242      1.15993      1.24664      1.34497
1.45645      1.58529
  4215580.65 |       0.90072      0.95840      1.02188      1.09228      1.16976      1.25645      1.35421
1.45205      1.57957
  4215560.65 |       0.89814      0.95564      1.01843      1.08880      1.16602      1.25213      1.34895
1.45910      1.57312
  4215540.65 |       0.89469      0.95139      1.01430      1.08417      1.16071      1.24612      1.34201
1.45112      1.57682
  4215520.65 |       0.89018      0.94653      1.00920      1.07854      1.15410      1.23846      1.33310
1.44060      1.56459
  4215500.65 |       0.88389      0.94005      1.00195      1.07048      1.14480      1.22850      1.32266
1.42867      1.54925
  4215480.65 |       0.87559      0.93076      0.99158      1.05822      1.13232      1.21429      1.30566
1.40947      1.52680
  4215460.65 |       0.86421      0.91782      0.97689      1.04153      1.11345      1.19322      1.28235
1.38183      1.49341
  4215440.65 |       0.84871      0.90052      0.95689      1.01974      1.08940      1.16562      1.25115
1.34630      1.45114
  4215420.65 |       0.82978      0.87874      0.93316      0.99298      1.05898      1.13154      1.21267
1.30234      1.40049
  4215400.65 |       0.80764      0.85417      0.90568      0.96228      1.02347      1.09252      1.16812
1.25212      1.34280
  4215380.65 |       0.78271      0.82713      0.87569      0.92885      0.98612      1.05055      1.12215
1.19959      1.28438
  4215360.65 |       0.75680      0.79871      0.84437      0.89336      0.94795      1.00796      1.07553
1.14788      1.22704
  4215340.65 |       0.73044      0.76980      0.81203      0.85901      0.91086      0.96807      1.03067
1.10122      1.17746
  4215320.65 |       0.70431      0.74171      0.78170      0.82680      0.87547      0.92963      0.99138
1.05845      1.13414
  4215300.65 |       0.67953      0.71463      0.75424      0.79787      0.84446      0.89749      0.95718
1.02322      1.09805
  4215280.65 |       0.65644      0.69132      0.73036      0.77358      0.81979      0.87166      0.92978
0.99505      1.06991
  4215260.65 |       0.63702      0.67181      0.71068      0.75320      0.79952      0.85020      0.90762
0.97151      1.04376
  4215240.65 |       0.62126      0.65641      0.69550      0.73806      0.78439      0.83435      0.88953
0.95101      1.01907
  4215220.65 |       0.60924      0.64473      0.68297      0.72587      0.77146      0.82107      0.87383
0.93262      0.99583
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                                  INCLUDING SOURCE(S):     IDLTK       ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                              X-COORD (METERS)
    (METERS) |     538745.17    538765.17    538785.17    538805.17    538825.17    538845.17    538865.17
538885.17    538905.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.59993      0.63554      0.67330      0.71516      0.75906      0.80695      0.85709
0.91069      0.96855
  4215180.65 |       0.59246      0.62665      0.66416      0.70416      0.74615      0.79073      0.83786
0.88698      0.93911
```

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                                INCLUDING SOURCE(S):   IDLTK   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
 -
- - - - - - - -

  4216000.65 | 1.20260   1.24441   1.28415   1.32173   1.35668   1.38949   1.42083
1.45202   1.48473
  4215980.65 | 1.25905   1.30890   1.35668   1.40173   1.44388   1.48234   1.51941
1.55521   1.59097
  4215960.65 | 1.31558   1.37457   1.43121   1.48511   1.53621   1.58360   1.62742
1.66872   1.70974
  4215940.65 | 1.37127   1.43994   1.50721   1.57212   1.63381   1.69114   1.74489
1.79452   1.84199
  4215920.65 | 1.42497   1.50457   1.58342   1.66097   1.73571   1.80653   1.87262
1.93324   1.99039
  4215900.65 | 1.47582   1.56682   1.65891   1.75046   1.84036   1.92641   2.00844
2.08457   2.15440
  4215880.65 | 1.52407   1.62607   1.73133   1.83849   1.94546   2.05153   2.15427
2.24916   2.33686
  4215860.65 | 1.56760   1.68170   1.79984   1.92324   2.04956   2.17621   2.30190
2.42344   2.53397
  4215840.65 | 1.60691   1.73176   1.86436   2.00474   2.15147   2.30240   2.45506
2.60650   2.74942
  4215820.65 | 1.64127   1.77625   1.92275   2.07979   2.24821   2.42401   2.60892
2.79560   2.97833
  4215800.65 | 1.67002   1.81448   1.97413   2.14781   2.33720   2.54040   2.75905
2.98524   3.21250
  4215780.65 | 1.69291   1.84580   2.01727   2.20803   2.41813   2.65005   2.90193
3.17074   3.45154
  4215760.65 | 1.71004   1.87061   2.05344   2.25829   2.48952   2.74822   3.03656
3.34841   3.68642
  4215740.65 | 1.72356   1.89025   2.08103   2.29918   2.54775   2.83131   3.15154
3.51094   3.90709
  4215720.65 | 1.73316   1.90445   2.10124   2.32888   2.59380   2.89883   3.24769
3.65062   4.10688
  4215700.65 | 1.74031   1.91310   2.11513   2.35061   2.62585   2.94885   3.32322

								3.76308	4.27607
4215680.65	1.74393	1.91845	2.12304	2.36195	2.64406	2.97954	3.37403	3.84527	4.40801
4215660.65	1.74444	1.92009	2.12459	2.36641	2.65227	2.99463	3.40227	3.89618	4.49810
4215640.65	1.74272	1.91769	2.12205	2.36250	2.64953	2.99556	3.40943	3.91636	4.54386
4215620.65	1.73879	1.91244	2.11393	2.35329	2.63905	2.98150	3.39495	3.90557	4.54318
4215600.65	1.73300	1.90449	2.10398	2.34013	2.62183	2.95945	3.36827	3.87326	4.50771
4215580.65	1.72581	1.89428	2.09182	2.32396	2.60064	2.93184	3.33173	3.82565	4.44633
4215560.65	1.71690	1.88391	2.07847	2.30690	2.57679	2.90209	3.29186	3.77185	4.37276
4215540.65	1.70838	1.87325	2.06493	2.28833	2.55399	2.87220	3.25201	3.71792	4.29849
4215520.65	1.70552	1.86040	2.04903	2.26846	2.52895	2.84014	3.21040	3.66268	4.22389
4215500.65	1.68717	1.84254	2.02626	2.24193	2.49612	2.79732	3.15596	3.59226	4.13143
4215480.65	1.65913	1.81273	1.99521	2.20410	2.44933	2.73879	3.08215	3.49777	4.00786
4215460.65	1.62095	1.76523	1.93337	2.15024	2.38347	2.65727	2.97971	3.36802	3.84108
4215440.65	1.57072	1.70518	1.86192	2.04443	2.29850	2.55519	2.85431	3.21190	3.64483
4215420.65	1.51005	1.63440	1.77944	1.94600	2.14114	2.44131	2.71711	3.04559	3.44071
4215400.65	1.44483	1.55934	1.69343	1.84785	2.02949	2.32601	2.58138	2.88420	3.24701
4215380.65	1.37890	1.48387	1.60971	1.75698	1.92898	2.12807	2.35585	2.62684	2.95081
4215360.65	1.31621	1.41755	1.53804	1.68004	1.84519	2.03513	2.25223	2.50658	2.80614
4215340.65	1.26389	1.36203	1.47921	1.61615	1.77280	1.95664	2.16028	2.39449	2.66558
4215320.65	1.21867	1.31695	1.43109	1.56330	1.71216	1.88382	2.07272	2.28552	2.53206
4215300.65	1.18259	1.27844	1.38980	1.51305	1.65320	1.81012	1.98127	2.17525	2.39840
4215280.65	1.15230	1.24518	1.34827	1.46407	1.59196	1.73380	1.88867	2.06758	2.27652
4215260.65	1.12313	1.21169	1.30668	1.41243	1.52821	1.65493	1.80038	1.96648	2.16451
4215240.65	1.09423	1.17422	1.26215	1.35799	1.46352	1.58012	1.71578	1.87591	2.06672
4215220.65	1.06359	1.13540	1.21516	1.30289	1.39885	1.50950	1.63897	1.79357	1.97919

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)								
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17

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  4215200.65 | 1.02933   1.09575   1.16801   1.24790   1.33962   1.44556   1.57080
1.71895   1.90256
  4215180.65 | 0.99454   1.05485   1.12193   1.19766   1.28549   1.38833   1.50863
1.65562   1.83462
  4215160.65 | 0.95884   1.01492   1.07769   1.15146   1.23720   1.33779   1.45572
1.59976   1.77369
  4215140.65 | 0.92511   0.97884   1.03943   1.11156   1.19385   1.29104   1.40839
1.54880   1.71761
  4215120.65 | 0.89457   0.94673   1.00603   1.07561   1.15689   1.25097   1.36612
1.50281   1.66355
  4215100.65 | 0.86555   0.91650   0.97610   1.04353   1.12232   1.21479   1.32702
1.45995   1.61439
  4215080.65 | 0.83917   0.89048   0.94802   1.01484   1.09121   1.18170   1.29101
1.41778   1.56759
  4215060.65 | 0.81529   0.86661   0.92390   0.98873   1.06379   1.15102   1.25740
1.37969   1.52281
  4215040.65 | 0.79284   0.84370   0.90012   0.96475   1.03863   1.12527   1.22882
1.34678   1.48332
  4215020.65 | 0.77256   0.82181   0.87807   0.94190   1.01636   1.10099   1.20151
1.31485   1.44473

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                               INCLUDING SOURCE(S):   IDLTK   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
 -
- - - - - - - -

  4216000.65 | 1.52033   1.56132   1.60760   1.66204   1.72417   1.79704   1.88403
1.98708   2.11049
  4215980.65 | 1.62965   1.67308   1.72270   1.78009   1.84639   1.92492   2.01816
2.12939   2.26417
  4215960.65 | 1.75249   1.79927   1.85238   1.91370   1.98477   2.06877   2.16902
2.29028   2.43820
  4215940.65 | 1.89038   1.94166   1.99866   2.06451   2.14068   2.23094   2.33975
2.47220   2.63447
  4215920.65 | 2.04573   2.10297   2.16577   2.23637   2.31867   2.41605   2.53348
2.67811   2.85692
  4215900.65 | 2.22080   2.28720   2.35552   2.43342   2.52213   2.62770   2.75667
2.91417   3.11176
  4215880.65 | 2.41739   2.49511   2.57445   2.65968   2.75673   2.87177   3.01112
3.18609   3.40441
  4215860.65 | 2.63681   2.73300   2.82501   2.92170   3.02889   3.15480   3.30825
3.50162   3.74469
  4215840.65 | 2.88090   3.00150   3.11478   3.22649   3.34756   3.48721   3.65692
3.87063   4.14028
  4215820.65 | 3.14796   3.30260   3.44847   3.58294   3.72416   3.88029   4.07006
4.30744   4.60813
  4215800.65 | 3.43413   3.63878   3.82937   4.00153   4.16996   4.35133   4.56428
4.83065   5.17048
  4215780.65 | 3.73330   4.00670   4.25937   4.48941   4.70338   4.92078   5.16458
5.46579   5.85190
  4215760.65 | 4.03828   4.39575   4.73799   5.05027   5.33795   5.61173   5.90095

6.24679 6.69066
4215740.65 | 4.34016 4.79295 5.25185 5.68955 6.08741 6.45329 6.81451
7.22146 7.74284
4215720.65 | 4.61982 5.18786 5.78944 6.39424 6.96038 7.47660 7.95701
8.46330 9.07922
4215700.65 | 4.87303 5.56026 6.32404 7.13522 7.94553 8.70270 9.39741
10.05750 10.82708
4215680.65 | 5.08187 5.88777 6.82730 7.88453 9.02413 10.15256 11.20969
12.17555 13.17617
4215660.65 | 5.23740 6.14985 7.25618 8.58632 10.11993 11.78358 13.45490
14.98410 16.41166
4215640.65 | 5.33049 6.32530 7.58710 9.17612 11.13972 13.48324 16.08564
18.67520 21.01058
4215620.65 | 5.35934 6.40974 7.78443 9.59210 11.96337 15.06117 18.92872
23.31369 27.56209
4215600.65 | 5.32365 6.39832 7.83144 9.78063 12.46786 16.24461 21.50773
28.49485 36.61001
4215580.65 | 5.24587 6.30587 7.73663 9.71431 12.56246 16.78419 23.22574
33.12929 47.61433
4215560.65 | 5.14462 6.16632 7.53842 9.46242 12.26385 16.54912 23.45887
35.41238 56.82683
4215540.65 | 5.04011 6.01582 7.31666 9.12857 11.75127 15.73556 22.29226
34.09648 57.70492
4215520.65 | 4.93713 5.86372 7.10106 8.79863 11.22153 14.83695 20.65148
30.76144 50.52417
4215500.65 | 4.81286 5.69739 6.86298 8.44506 10.65767 13.92628 19.02004
27.51471 43.06409
4215480.65 | 4.64785 5.47223 6.54624 7.97552 9.95939 12.80922 17.10609
23.95469 35.88664
4215460.65 | 4.42994 5.18026 6.14657 7.41326 9.13772 11.55624 15.09506
20.56686 30.03382
4215440.65 | 4.17917 4.85478 5.71001 6.82801 8.31710 10.36284 13.29261
17.88975 25.91442
4215420.65 | 3.92577 4.53446 5.29647 6.27747 7.56665 9.31342 11.86462
15.89134 22.64784
4215400.65 | 3.68853 4.23301 4.91415 5.77866 6.91118 8.46209 10.75342
14.30771 19.80786
4215380.65 | 3.34616 3.95800 4.56559 5.33771 6.35271 7.77640 9.85768
12.94468 17.33541
4215360.65 | 3.16409 3.60002 4.25448 4.95412 5.89775 7.21464 9.09043
11.70489 15.17710
4215340.65 | 2.98485 3.37414 3.98284 4.63557 5.51931 6.73527 8.39163
10.59112 13.31858
4215320.65 | 2.81984 3.17115 3.61156 4.36676 5.19571 6.31287 7.77126
9.59995 11.74355
4215300.65 | 2.66620 2.99159 3.41123 3.95663 4.90926 5.91689 7.18462
8.70602 10.41101
4215280.65 | 2.52595 2.83733 3.23652 3.75682 4.65069 5.55044 6.64499
7.90571 9.26864
4215260.65 | 2.40771 2.70978 3.09097 3.57851 4.22324 5.20405 6.14130
7.19402 8.29466
4215240.65 | 2.30292 2.59594 2.96184 3.42032 4.01046 4.87726 5.67920
6.55863 7.46178
4215220.65 | 2.20884 2.49175 2.84388 3.27681 3.80668 4.57010 5.25756
5.99321 6.74140

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4215200.65	2.12570	2.40088	2.73393	3.13873	3.61702	4.28315	4.87084	5.49358	6.11977
4215180.65	2.05063	2.31337	2.62946	3.00133	3.43059	3.91008	4.52034	5.05114	5.58040
4215160.65	1.98164	2.23389	2.53242	2.87258	3.25703	3.67458	4.20523	4.65848	5.10986
4215140.65	1.91695	2.15812	2.43503	2.74796	3.09155	3.45555	3.83750	4.30687	4.69719
4215120.65	1.85570	2.08237	2.34084	2.62765	2.93140	3.25231	3.58683	3.92914	4.33335
4215100.65	1.79689	2.01149	2.24976	2.50934	2.78343	3.06430	3.35543	3.65543	3.96651
4215080.65	1.74044	1.94050	2.16153	2.39880	2.64129	2.89046	3.14481	3.40965	3.68372
4215060.65	1.68795	1.87397	2.07620	2.29308	2.51032	2.72970	2.95573	3.18772	3.43130
4215040.65	1.63674	1.80935	1.99419	2.18819	2.38319	2.57894	2.78037	2.98729	3.20465
4215020.65	1.58856	1.74654	1.91541	2.08913	2.26239	2.43764	2.61767	2.80304	3.00035

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	2.25284	2.41496	2.59169	2.77563	2.95721	3.12426	3.26025	3.35953	3.41795
4215980.65	2.42215	2.60153	2.79795	3.00068	3.20129	3.38371	3.53080	3.63203	3.68466
4215960.65	2.61229	2.81187	3.03112	3.25738	3.47800	3.67525	3.83155	3.93522	3.97931
4215940.65	2.82740	3.05028	3.29433	3.54780	3.79324	4.00682	4.17491	4.27992	4.31097
4215920.65	3.07198	3.32203	3.59729	3.88072	4.15206	4.38596	4.56267	4.66609	4.68222
4215900.65	3.35191	3.63380	3.94598	4.26449	4.56845	4.82140	5.00989	5.10473	5.09880
4215880.65	3.67417	3.99196	4.34761	4.71046	5.05338	5.33457	5.52480	5.60394	5.55880
4215860.65	4.04625	4.40641	4.81386	5.23434	5.62604	5.93317	6.12483	6.17420	6.08060
4215840.65	4.47978	4.89588	5.36397	5.85269	6.29800	6.63848	6.82536	6.82931	6.66383
4215820.65	4.99504	5.47256	6.02321	6.59161	7.10638	7.47540	7.64009		

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7.58304      7.32741
  4215800.65 |       5.61150      6.16791      6.81137      7.48542      8.07634      8.47912      8.60835
8.45470      8.07558
  4215780.65 |       6.36567      7.01749      7.78588      8.58807      9.27042      9.69425      9.75849
9.47328      8.92926
  4215760.65 |       7.28910      8.06586      9.00278      9.97018     10.76158     11.19060     11.13479
10.66744      9.89399
  4215740.65 |       8.44499      9.38145     10.53185     11.71286     12.63046     13.03328     12.79161
12.04796     10.98269
  4215720.65 |       9.92187     11.06656     12.50376     13.96847     15.02903     15.34274     14.81192
13.65678     12.21091
  4215700.65 |      11.84435     13.27748     15.11092     16.96073     18.15109     18.25646     17.23622
15.53084     13.59652
  4215680.65 |      14.43292     16.25735     18.66435     21.02604     22.33078     21.97321     20.16619
17.69392     15.16430
  4215660.65 |      18.05055     20.40424     23.64716     26.77407     28.07478     26.79142     23.76347
20.20892     16.94471
  4215640.65 |      23.30878     26.47181     30.98970     35.22975     36.14036     33.09375     28.10937
23.13851     18.94095
  4215620.65 |      31.35582     35.80350     42.49076     48.34671     47.95448     41.37383     33.43696
26.53024     21.15188
  4215600.65 |      44.21883     51.36376     61.64252     70.08472     65.55454     52.46208     39.91382
30.32741     23.33332
  4215580.65 |      65.09004     80.05497     97.29826    108.64485     92.06292     66.71204     47.16800
33.88565     24.93634
  4215560.65 |      94.20209    138.52026    171.71011    181.21244    130.27300     82.67417     53.18149
35.79237     25.26609
  4215540.65 |     112.64406    240.47616    334.70134    303.93188    170.99047     92.01750     54.06960
34.85669     24.16068
  4215520.65 |      95.80077    219.28168    469.99760    326.68795    159.71016     82.85643     48.72383
31.71390     22.22409
  4215500.65 |      75.41107    157.61291    433.33522    290.01843    120.63433     67.25671     41.73782
28.13862     20.15241
  4215480.65 |      59.93470    122.12364    258.84208    250.96367    115.98608     58.76807     36.12284
24.73839     18.09745
  4215460.65 |      49.24198     90.29384    148.20052    155.66144    101.77419     55.92677     33.41504
22.48054     16.38724
  4215440.65 |      40.81588     65.90688     93.09820     99.55048     79.06231     51.44081     32.20265
21.41631     15.38050
  4215420.65 |      33.63966     48.91529     63.39337     68.08580     59.84637     44.63333     30.55510
20.83844     14.86296
  4215400.65 |      27.75864     37.39561     45.88990     49.31252     45.86257     37.52847     28.01744
20.11682     14.56439
  4215380.65 |      23.06230     29.41319     34.81141     37.31649     35.92478     31.25772     25.03642
19.02071     14.20363
  4215360.65 |      19.34995     23.71572     27.36532     29.27148     28.77922     26.08700     22.02328
17.62241     13.67898
  4215340.65 |      16.41262     19.51079     22.11892     23.60401     23.54451     21.95942     19.27638
16.09185     12.96608
  4215320.65 |      14.07280     16.37093     18.28076     19.44878     19.56998     18.64206     16.85039
14.55708     12.13705
  4215300.65 |      12.19983     13.93263     15.38579     16.31142     16.53071     15.98512     14.77466
13.11511     11.25869
  4215280.65 |      10.67395     12.01167     13.14619     13.90066     14.15067     13.83957     13.00613
11.79823     10.37605
  4215260.65 |       9.41747     10.47128     11.36858     12.00010     12.25420     12.08894     11.51533
10.62974      9.53651
  4215240.65 |       8.36687      9.21704      9.94581     10.47483     10.72029     10.64128     10.25001
9.60100      8.75798
  4215220.65 |       7.48518      8.18192      8.78307      9.23120      9.45676      9.44122      9.17652
8.69069      8.04237
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 321
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK
***

INCLUDING SOURCE(S): IDLTK ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	6.73862	7.31739	7.81997	8.20298	8.41221	8.43322	8.25411	7.89525	7.39461
4215180.65	6.10097	6.58770	7.01277	7.33921	7.53587	7.57941	7.46047	7.19530	6.80526
4215160.65	5.55229	5.96572	6.32557	6.61280	6.79289	6.84956	6.77398	6.57895	6.27647
4215140.65	5.07659	5.43407	5.74725	5.99584	6.15744	6.22138	6.17691	6.03242	5.79570
4215120.65	4.66386	4.97321	5.24813	5.46458	5.61230	5.67742	5.65530	5.54906	5.36126
4215100.65	4.30126	4.57321	4.81187	5.00359	5.13856	5.20309	5.19717	5.11938	4.97236
4215080.65	3.95836	4.22159	4.43196	4.60268	4.72273	4.78717	4.79249	4.73545	4.62148
4215060.65	3.67716	3.90915	4.09727	4.24878	4.35851	4.42021	4.43339	4.39406	4.30475
4215040.65	3.42363	3.63439	3.79795	3.93442	4.03658	4.09813	4.11548	4.08878	4.01824
4215020.65	3.19687	3.38551	3.55394	3.65631	3.75043	3.81063	3.83210	3.81468	3.75955

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK
***

INCLUDING SOURCE(S): IDLTK ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	3.42822	3.39512	3.31914	3.21116	3.07983	2.93088	2.77497	2.61640	2.45577
4215980.65	3.68187	3.62733	3.53089	3.39597	3.24027	3.07113	2.89310	2.71762	2.54284
4215960.65	3.96154	3.88608	3.75923	3.59534	3.41211	3.21561	3.01606	2.82076	2.63132
4215940.65	4.27350	4.16548	4.00532	3.80764	3.59040	3.36668	3.14411	2.92805	2.72375
4215920.65	4.61551	4.47053	4.27020	4.03635	3.78104	3.52485	3.27541	3.03974	2.82010
4215900.65	4.99402	4.80321	4.55497	4.27658	3.98187	3.69018	3.41494	3.15719	2.92173
4215880.65	5.40511	5.16184	4.86094	4.53166	4.19336	3.86661	3.56391		

3.28504 3.03320
4215860.65 | 5.86388 5.55176 5.18579 4.80194 4.41669 4.05576 3.72171
3.42059 3.15189
4215840.65 | 6.36611 5.97519 5.53703 5.09013 4.65625 4.25320 3.88964
3.56569 3.28029
4215820.65 | 6.92031 6.42981 5.90967 5.39217 4.90753 4.46403 4.06881
3.72286 3.41501
4215800.65 | 7.53115 6.92760 6.30877 5.71868 5.17681 4.68952 4.26152
3.88831 3.55759
4215780.65 | 8.22675 7.47995 6.74837 6.07416 5.46662 4.93273 4.47049
4.06329 3.70593
4215760.65 | 8.98646 8.07448 7.21869 6.45443 5.77972 5.19751 4.68857
4.24581 3.85631
4215740.65 | 9.82484 8.72362 7.73103 6.86803 6.11885 5.47546 4.91764
4.43170 4.00655
4215720.65 | 10.75192 9.43560 8.29115 7.31685 6.48387 5.76555 5.14638
4.60789 4.13963
4215700.65 | 11.78182 10.22123 8.89686 7.79250 6.85510 6.05052 5.35897
4.76293 4.24962
4215680.65 | 12.93201 11.07818 9.54911 8.27968 7.21504 6.30767 5.53665
4.88044 4.32245
4215660.65 | 14.21376 12.01490 10.21958 8.75293 7.53281 6.51376 5.66197
4.94908 4.35186
4215640.65 | 15.60981 12.96189 10.84815 9.14568 7.76653 6.63866 5.71710
4.95873 4.33368
4215620.65 | 17.01811 13.82366 11.33693 9.39559 7.87348 6.66079 5.69041
4.90625 4.26899
4215600.65 | 18.21719 14.41288 11.58627 9.45912 7.84097 6.58186 5.59323
4.80549 4.17170
4215580.65 | 18.82925 14.55793 11.51915 9.31379 7.66557 6.41095 5.43699
4.67025 4.05264
4215560.65 | 18.61116 14.20879 11.15913 8.99168 7.39245 6.18444 5.25374
4.51732 3.92676
4215540.65 | 17.68557 13.49690 10.63452 8.58667 7.08134 5.94298 5.06370
4.36598 3.80531
4215520.65 | 16.42879 12.66459 10.05138 8.17042 6.77143 5.70945 4.87990
4.22098 3.68899
4215500.65 | 15.14753 11.80908 9.45517 7.74514 6.46032 5.47016 4.69363
4.07369 3.57234
4215480.65 | 13.81536 10.90397 8.81747 7.28163 6.11839 5.21070 4.49183
3.91546 3.44363
4215460.65 | 12.58371 10.00533 8.16275 6.79148 5.74501 4.92595 4.26870
3.73794 3.30054
4215440.65 | 11.70340 9.26869 7.56725 6.32659 5.37810 4.63358 4.03703
3.54874 3.14593
4215420.65 | 11.18725 8.77920 7.12863 5.94365 5.05509 4.36542 3.81318
3.36348 2.99012
4215400.65 | 10.90575 8.49334 6.84661 5.67408 4.80909 4.14348 3.61861
3.19506 2.84595
4215380.65 | 10.73627 8.34796 6.69007 5.50602 4.64013 3.97963 3.46458
3.05376 2.72048
4215360.65 | 10.54823 8.25069 6.60373 5.41132 4.53069 3.86785 3.35219
2.94585 2.61680
4215340.65 | 10.27082 8.15100 6.55143 5.35787 4.47144 3.79577 3.27617
2.86646 2.53952
4215320.65 | 9.88906 7.99908 6.48665 5.32291 4.43537 3.75584 3.22765
2.81499 2.48538
4215300.65 | 9.42352 7.78411 6.40050 5.28686 4.41492 3.73262 3.20092
2.78337 2.44993
4215280.65 | 8.90127 7.50610 6.27394 5.23748 4.39460 3.72202 3.19018
2.76574 2.42660
4215260.65 | 8.35185 7.18703 6.10836 5.16239 4.36555 3.71077 3.18491
2.75894 2.41571
4215240.65 | 7.80953 6.84197 5.90777 5.05865 4.31977 3.69427 3.17938
2.75591 2.41186
4215220.65 | 7.28604 6.48306 5.68295 4.93113 4.25359 3.66755 3.16774
2.75368 2.41062

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***

INCLUDING SOURCE(S):   IDLTK   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	6.78711	6.12192	5.44214	4.78112	4.17068	3.62471	3.15188	2.74881	2.40984
4215180.65	6.31930	5.76951	5.18999	4.61484	4.06905	3.57041	3.12560	2.73749	2.40687
4215160.65	5.88463	5.42785	4.93804	4.43785	3.95318	3.50007	3.08852	2.72193	2.40141
4215140.65	5.47954	5.10327	4.68861	4.25956	3.83116	3.42298	3.04265	2.69789	2.39173
4215120.65	5.10724	4.79574	4.44661	4.07627	3.70224	3.33625	2.98892	2.66698	2.37740
4215100.65	4.76649	4.50946	4.21390	3.89593	3.56829	3.24202	2.92719	2.62946	2.35696
4215080.65	4.45458	4.24099	3.99162	3.71911	3.43236	3.14238	2.85757	2.58414	2.32931
4215060.65	4.16944	3.99121	3.78093	3.54670	3.29689	3.03877	2.78170	2.53302	2.29629
4215040.65	3.90818	3.75942	3.58196	3.37998	3.16035	2.93279	2.70234	2.47517	2.25688
4215020.65	3.66782	3.54511	3.39421	3.22005	3.02822	2.82703	2.62070	2.41391	2.21394

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***

INCLUDING SOURCE(S):   IDLTK   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	2.30230	2.15928	2.02529	1.90178	1.78942
4215980.65	2.37922	2.22564	2.08408	1.95569	1.83738
4215960.65	2.45625	2.29352	2.14452	2.01139	1.88883
4215940.65	2.53691	2.36459	2.20947	2.06877	1.94202
4215920.65	2.62150	2.43977	2.27697	2.13066	1.99796
4215900.65	2.71060	2.51921	2.34793	2.19591	2.05763
4215880.65	2.80937	2.60643	2.42608	2.26438	2.11880
4215860.65	2.91378	2.69936	2.50830	2.33692	2.18171

4215840.65	3.02487	2.79691	2.59379	2.41037	2.24385
4215820.65	3.14226	2.89856	2.68144	2.48420	2.30606
4215800.65	3.26437	3.00452	2.76948	2.55700	2.36449
4215780.65	3.38883	3.10804	2.85395	2.62501	2.41972
4215760.65	3.51361	3.20618	2.93119	2.68452	2.46452
4215740.65	3.62890	3.29361	2.99662	2.73323	2.49718
4215720.65	3.72759	3.36505	3.04662	2.76488	2.51531
4215700.65	3.80157	3.41077	3.07149	2.77577	2.51694
4215680.65	3.84078	3.42810	3.07315	2.76667	2.50029
4215660.65	3.84409	3.41474	3.04924	2.73786	2.46829
4215640.65	3.80990	3.37202	3.00321	2.69057	2.42434
4215620.65	3.74155	3.30416	2.93860	2.63233	2.37105
4215600.65	3.65246	3.22341	2.86688	2.56910	2.31542
4215580.65	3.54990	3.13606	2.79228	2.50514	2.26083
4215560.65	3.44619	3.05087	2.72022	2.44455	2.20937
4215540.65	3.34873	2.97003	2.65410	2.38929	2.16295
4215520.65	3.25442	2.89220	2.58954	2.33484	2.11593
4215500.65	3.15811	2.81301	2.52351	2.27825	2.06785
4215480.65	3.05325	2.72663	2.45159	2.21704	2.01596
4215460.65	2.93644	2.63137	2.37123	2.14946	1.95769
4215440.65	2.80907	2.52546	2.28259	2.07371	1.89326
4215420.65	2.67884	2.41451	2.18862	1.99351	1.82449
4215400.65	2.55363	2.30583	2.09439	1.91233	1.75345
4215380.65	2.44116	2.20622	2.00626	1.83368	1.68379
4215360.65	2.34703	2.11985	1.92769	1.76253	1.61902
4215340.65	2.27165	2.04846	1.86127	1.70012	1.56170
4215320.65	2.21549	1.99292	1.80585	1.64811	1.51209
4215300.65	2.17685	1.95131	1.76453	1.60577	1.47088
4215280.65	2.15102	1.92303	1.73336	1.57448	1.43899
4215260.65	2.13511	1.90483	1.71263	1.55100	1.41458
4215240.65	2.12797	1.89399	1.69971	1.53595	1.39722
4215220.65	2.12695	1.88932	1.69231	1.52681	1.38634

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	2.12606	1.88974	1.68950	1.52169	1.38005
4215180.65	2.12577	1.88970	1.69063	1.52060	1.37660
4215160.65	2.12674	1.89187	1.69219	1.52201	1.37644
4215140.65	2.12480	1.89331	1.69557	1.52480	1.37819
4215120.65	2.12032	1.89402	1.69806	1.52824	1.38111
4215100.65	2.11062	1.89152	1.69896	1.53076	1.38418
4215080.65	2.09633	1.88537	1.69804	1.53282	1.38734
4215060.65	2.07618	1.87604	1.69497	1.53310	1.38946
4215040.65	2.05152	1.86169	1.68733	1.53059	1.39022
4215020.65	2.02274	1.84347	1.67738	1.52649	1.38967

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	79.16729	539351.84	4215428.70	76.42249
539361.84	4215428.70	69.72942	539371.84	4215428.70	60.59754
539381.84	4215428.70	50.70280	539341.84	4215438.70	96.63356
539351.84	4215438.70	91.60090	539361.84	4215438.70	81.11435
539371.84	4215438.70	67.98186	539381.84	4215438.70	54.85555
539341.84	4215448.70	120.23346	539351.84	4215448.70	110.98887
539361.84	4215448.70	94.36156	539371.84	4215448.70	75.51680
539381.84	4215448.70	58.50676	539341.84	4215458.70	152.70267
539351.84	4215458.70	135.47139	539361.84	4215458.70	108.83374
539371.84	4215458.70	82.33384	539381.84	4215458.70	61.22379
539341.84	4215468.70	197.78056	539351.84	4215468.70	164.88621
539361.84	4215468.70	122.60875	539371.84	4215468.70	87.26018
539381.84	4215468.70	62.96066	539113.88	4215517.52	5.29045
539096.52	4215515.99	4.58131	539108.26	4215501.18	4.94076
539096.01	4215500.67	4.47994	539108.26	4215486.38	4.81901
539094.47	4215485.36	4.32403	539135.32	4215461.36	5.65024
539150.13	4215439.91	5.94444	539114.39	4215452.68	4.64245
539123.07	4215439.40	4.75515	539159.32	4215421.02	5.97289
539145.02	4215416.43	5.20825	539134.30	4215410.81	4.69228
539131.75	4215425.11	4.84037	539206.80	4215383.75	8.01666
539215.99	4215372.52	8.52118	539188.93	4215382.22	6.62642
539176.17	4215379.67	5.83548	539165.44	4215376.09	5.25563
539248.79	4215356.71	12.02314	539243.45	4215348.45	10.78731
539265.58	4215345.25	13.78505	539260.78	4215338.05	12.48204
539256.25	4215351.38	12.81627	539272.77	4215331.92	13.61734
539264.78	4215324.99	12.02018	539280.77	4215321.79	13.66993
539279.97	4215307.14	12.25820	539287.97	4215313.80	13.68871
539297.83	4215304.74	13.73103	539289.56	4215296.21	12.20468

539311.15	4215287.68	13.03580	539303.69	4215281.28	11.97058
539303.69	4215296.21	13.35032	539314.25	4215271.79	11.78018
539329.09	4215260.48	11.50695	539339.69	4215237.16	10.12310
539357.36	4215232.92	10.14241	539394.11	4215199.70	8.33457
539044.99	4215579.21	3.32496	539034.39	4215591.93	3.12474
539054.88	4215556.59	3.50234	539058.42	4215538.92	3.54469
539054.88	4215520.55	3.41721	539082.44	4215477.44	3.90920
539073.96	4215466.13	3.60752	539098.70	4215440.69	3.99214
539109.30	4215426.56	4.11656	539117.07	4215415.96	4.20434
539125.55	4215401.11	4.25224	539158.77	4215367.19	4.82135
539150.29	4215357.30	4.36539	539184.21	4215339.63	5.45302
539222.37	4215324.79	7.66156	539243.58	4215317.72	9.31049

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	8.13622	539364.42	4215191.93	8.00793
539344.64	4215200.41	8.18187	539409.65	4215113.48	5.46970
539355.94	4215136.80	5.98488	539262.66	4215288.75	9.51590
539282.44	4215261.19	9.29466	539299.41	4215235.04	8.68570
539168.92	4215647.77	9.29905	538947.70	4216163.58	0.82047
539352.12	4215798.21	7.83499	539367.62	4215566.76	112.06427
539278.26	4215504.64	63.81468	539297.51	4215494.11	106.11791
539323.66	4215486.12	289.31820	539342.55	4215482.85	282.89653
539367.23	4215481.23	107.12428	539397.77	4215487.94	44.48693
539352.73	4215556.41	182.12088	539337.83	4215546.05	291.17152
539322.94	4215535.70	390.73985	539308.05	4215525.35	280.24336
539293.15	4215514.99	119.53198	539287.89	4215499.38	80.97052
539310.58	4215490.12	177.76922	539354.89	4215482.04	179.55036

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                                INCLUDING SOURCE(S):   LOAD   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	0.83312	0.87604	0.92097	0.96823	1.01684	1.06719	1.11900	1.17207	1.22551
4215980.65	0.84527	0.89046	0.93849	0.98895	1.04148	1.09635	1.15334	1.21270	1.27332
4215960.65	0.85600	0.90370	0.95454	1.00833	1.06475	1.12419	1.18648	1.25201	1.31978
4215940.65	0.86575	0.91558	0.96905	1.02600	1.08621	1.15016	1.21778	1.28926	1.36473
4215920.65	0.87442	0.92616	0.98200	1.04190	1.10569	1.17401	1.24689	1.32467	1.40764
4215900.65	0.88214	0.93553	0.99321	1.05603	1.12314	1.19556	1.27351	1.35748	1.44797
4215880.65	0.88906	0.94358	1.00333	1.06850	1.13856	1.21475	1.29782	1.38774	1.48517
4215860.65	0.89529	0.95098	1.01226	1.07944	1.15241	1.23198	1.31939	1.41530	1.51979
4215840.65	0.90069	0.95760	1.02017	1.08871	1.16421	1.24742	1.33871	1.43968	1.55019
4215820.65	0.90583	0.96356	1.02719	1.09712	1.17482	1.26052	1.35554	1.46046	1.57675
4215800.65	0.91053	0.96893	1.03342	1.10449	1.18371	1.27184	1.36963	1.47876	1.59955
4215780.65	0.91483	0.97376	1.03863	1.11093	1.19099	1.28030	1.38021	1.49227	1.61704
4215760.65	0.91874	0.97781	1.04352	1.11653	1.19713	1.28768	1.38879	1.50315	1.63169
4215740.65	0.92228	0.98168	1.04782	1.12137	1.20267	1.29326	1.39556	1.51162	1.64257
4215720.65	0.92510	0.98507	1.05154	1.12512	1.20688	1.29806	1.40069	1.51792	1.65122
4215700.65	0.92774	0.98793	1.05465	1.12853	1.21020	1.30177	1.40490	1.52228	1.65732
4215680.65	0.92987	0.99024	1.05679	1.13122	1.21311	1.30493	1.40839	1.52621	1.66194
4215660.65	0.94017	0.99203	1.05869	1.13323	1.21523	1.30716	1.41074	1.52872	1.66470
4215640.65	0.94262	1.00279	1.06016	1.13474	1.21674	1.30864	1.41216	1.53007	1.66525
4215620.65	0.94351	1.00421	1.06149	1.13605	1.21797	1.30922	1.41249	1.53076	1.66561
4215600.65	0.94382	1.00466	1.07198	1.13713	1.21889	1.31044	1.41348		

1.53075 1.66586
4215580.65 | 0.94362 1.00455 1.07195 1.14631 1.22804 1.31945 1.42219
1.53917 1.66673
4215560.65 | 0.94314 1.00411 1.07100 1.14587 1.22739 1.31852 1.42090
1.53752 1.66835
4215540.65 | 0.94217 1.00252 1.06987 1.14467 1.22585 1.31657 1.41844
1.53451 1.66882
4215520.65 | 0.94000 1.00008 1.06716 1.14164 1.22222 1.31220 1.41316
1.52821 1.66149
4215500.65 | 0.93495 0.99510 1.06157 1.13531 1.21478 1.30444 1.40505
1.51849 1.64855
4215480.65 | 0.92728 0.98650 1.05188 1.12344 1.20300 1.29072 1.38897
1.50094 1.62621
4215460.65 | 0.91580 0.97365 1.03743 1.10703 1.18426 1.27031 1.36658
1.47328 1.59361
4215440.65 | 0.90052 0.95659 1.01731 1.08540 1.16088 1.24354 1.33577
1.43914 1.55180
4215420.65 | 0.88191 0.93488 0.99409 1.05933 1.13147 1.21011 1.29919
1.39715 1.50314
4215400.65 | 0.86070 0.91127 0.96777 1.02988 1.09704 1.17281 1.25708
1.34940 1.44867
4215380.65 | 0.83656 0.88562 0.93930 0.99822 1.06172 1.13344 1.21320
1.30040 1.39385
4215360.65 | 0.81220 0.85876 0.90970 0.96427 1.02582 1.09402 1.17000
1.25109 1.33981
4215340.65 | 0.78731 0.83159 0.87885 0.93215 0.99110 1.05660 1.12793
1.20785 1.29339
4215320.65 | 0.76277 0.80521 0.85059 0.90205 0.95762 1.01945 1.09036
1.16596 1.25081
4215300.65 | 0.73956 0.77956 0.82490 0.87518 0.92806 0.98853 1.05599
1.12939 1.21121
4215280.65 | 0.71753 0.75791 0.80257 0.85212 0.90420 0.96194 1.02592
1.09666 1.17649
4215260.65 | 0.69947 0.73950 0.78372 0.83128 0.88235 0.93706 0.99854
1.06566 1.14030
4215240.65 | 0.68436 0.72409 0.76773 0.81432 0.86391 0.91646 0.97327
1.03587 1.10457
4215220.65 | 0.67174 0.71089 0.75239 0.79847 0.84581 0.89659 0.94950
1.00849 1.07128

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215200.65	0.66069	0.69875	0.73866	0.78238	0.82678	0.87498	0.92479	0.97745	1.03464
4215180.65	0.65017	0.68566	0.72427	0.76510	0.80716	0.85142	0.89806	0.94620	0.99739
4215160.65	0.63841	0.67261	0.70856	0.74625	0.78482	0.82630	0.86904	0.91447	0.96074
4215140.65	0.62643	0.65819	0.69133	0.72507	0.76126	0.79938	0.83985	0.88217	0.92564

  4215120.65 | 0.61311   0.64237   0.67282   0.70378   0.73715   0.77250   0.80934
0.85021   0.89269
  4215100.65 | 0.59852   0.62544   0.65272   0.68210   0.71317   0.74635   0.78121
0.82023   0.86110
  4215080.65 | 0.58298   0.60714   0.63314   0.66061   0.68989   0.72054   0.75480
0.79243   0.83313
  4215060.65 | 0.56693   0.58940   0.61381   0.63978   0.66690   0.69715   0.73027
0.76683   0.80654
  4215040.65 | 0.55015   0.57194   0.59511   0.61996   0.64609   0.67540   0.70763
0.74244   0.78220
  4215020.65 | 0.53433   0.55509   0.57732   0.60061   0.62670   0.65528   0.68680
0.72092   0.75988

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
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  4216000.65 | 1.27882   1.33107   1.38206   1.43122   1.47820   1.52315   1.56600
1.60835   1.65082
  4215980.65 | 1.33411   1.39461   1.45425   1.51214   1.56771   1.62058   1.67077
1.71957   1.76768
  4215960.65 | 1.38913   1.45866   1.52797   1.59606   1.66199   1.72506   1.78489
1.84191   1.89737
  4215940.65 | 1.44299   1.52242   1.60246   1.68221   1.76041   1.83591   1.90799
1.97603   2.04124
  4215920.65 | 1.49473   1.58486   1.67689   1.76972   1.86214   1.95254   2.03965
2.12229   2.20075
  4215900.65 | 1.54360   1.64482   1.74939   1.85648   1.96492   2.07274   2.17925
2.28035   2.37606
  4215880.65 | 1.59025   1.70187   1.81939   1.94171   2.06782   2.19558   2.32487
2.44914   2.56746
  4215860.65 | 1.63268   1.75511   1.88521   2.02339   2.16842   2.31913   2.47295
2.62669   2.77402
  4215840.65 | 1.67137   1.80373   1.94689   2.10130   2.26622   2.44101   2.62333
2.80961   2.99411
  4215820.65 | 1.70492   1.84709   2.00285   2.17331   2.35849   2.55758   2.77193
2.99530   3.22246
  4215800.65 | 1.73439   1.88481   2.05228   2.23812   2.44328   2.66802   2.91518
3.17924   3.45397
  4215780.65 | 1.75802   1.91678   2.09472   2.29566   2.51993   2.77118   3.05059
3.35637   3.68683
  4215760.65 | 1.77721   1.94235   2.13092   2.34453   2.58734   2.86269   3.17485
3.52292   3.90948
  4215740.65 | 1.79228   1.96330   2.15931   2.38454   2.64258   2.94083   3.28209
3.67249   4.11558
  4215720.65 | 1.80353   1.97923   2.18100   2.41470   2.68764   3.00452   3.37122
3.80062   4.29765
  4215700.65 | 1.81212   1.98967   2.19642   2.43752   2.72022   3.05187   3.44078
3.90187   4.44927
  4215680.65 | 1.81777   1.99689   2.20621   2.45141   2.73931   3.08287   3.48838
3.97597   4.56545
  4215660.65 | 1.82010   2.00071   2.21121   2.45851   2.75004   3.10003   3.51631

4.02239   4.64330
  4215640.65 | 1.82129   2.00187   2.21247   2.45892   2.75287   3.10548   3.52684
4.04293   4.68297
  4215620.65 | 1.82125   2.00129   2.21009   2.45690   2.75012   3.10048   3.52172
4.03961   4.68583
  4215600.65 | 1.82093   2.00017   2.20787   2.45324   2.74460   3.09258   3.51082
4.02534   4.66850
  4215580.65 | 1.82124   1.99868   2.20627   2.45006   2.73922   3.08410   3.49795
4.00635   4.64103
  4215560.65 | 1.82154   1.99927   2.20596   2.44842   2.73400   3.07770   3.48733
3.98950   4.61482
  4215540.65 | 1.82259   1.99976   2.20564   2.44549   2.73073   3.07190   3.47776
3.97432   4.59119
  4215520.65 | 1.81251   1.99729   2.20179   2.43975   2.72240   3.05992   3.46060
3.94972   4.55575
  4215500.65 | 1.79705   1.96773   2.18854   2.42396   2.70152   3.03008   3.42067
3.89562   4.48129
  4215480.65 | 1.76870   1.93387   2.12448   2.39321   2.66200   2.97880   3.35339
3.80614   4.36044
  4215460.65 | 1.73004   1.88561   2.06671   2.34569   2.60217   2.90278   3.25592
3.67973   4.19441
  4215440.65 | 1.68093   1.82511   1.99514   2.19445   2.52378   2.80746   3.13668
3.52916   4.00206
  4215420.65 | 1.62221   1.75667   1.91557   2.09839   2.31450   2.70157   3.00705
3.36876   3.80074
  4215400.65 | 1.56002   1.68569   1.83482   2.00646   2.20963   2.44762   2.71249
3.02538   3.39712
  4215380.65 | 1.49879   1.61461   1.75572   1.92172   2.11418   2.33390   2.58050
2.86827   3.20447
  4215360.65 | 1.43971   1.55290   1.68801   1.84637   2.02850   2.23407   2.46159
2.72254   3.02200
  4215340.65 | 1.38980   1.49886   1.62829   1.77841   1.94540   2.13805   2.34427
2.57715   2.84155
  4215320.65 | 1.34385   1.45082   1.57349   1.71363   1.86715   2.04160   2.22960
2.43683   2.67711
  4215300.65 | 1.30227   1.40328   1.51979   1.64575   1.78727   1.94379   2.11174
2.30121   2.51967
  4215280.65 | 1.26216   1.35789   1.46230   1.57851   1.70582   1.84657   1.99827
2.17495   2.38204
  4215260.65 | 1.22115   1.31041   1.40493   1.50977   1.62484   1.75033   1.89553
2.06078   2.25684
  4215240.65 | 1.17987   1.25898   1.34628   1.44150   1.54689   1.66312   1.79940
1.95932   2.14708
  4215220.65 | 1.13827   1.20846   1.28814   1.37586   1.47186   1.58363   1.71347
1.86684   2.04729

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
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  4215200.65 | 1.09428   1.16017   1.23230   1.31252   1.40536   1.51222   1.63712
1.78228   1.95869

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	1.69554	1.74342	1.79516	1.85178	1.91344	1.98182	2.06010	2.15005	2.25591
4215980.65	1.81746	1.87019	1.92685	1.98870	2.05547	2.13078	2.21556	2.31408	2.43056
4215960.65	1.95363	2.01232	2.07482	2.14274	2.21665	2.29865	2.39176	2.50018	2.62893
4215940.65	2.10598	2.17223	2.24184	2.31695	2.39849	2.48891	2.59160	2.71140	2.85428
4215920.65	2.27650	2.35262	2.43120	2.51502	2.60561	2.70583	2.81962	2.95258	3.11184
4215900.65	2.46707	2.55646	2.64674	2.74143	2.84290	2.95474	3.08258	3.22985	3.40823
4215880.65	2.67928	2.78681	2.89234	3.00105	3.11589	3.24240	3.38463	3.55243	3.75196
4215860.65	2.91369	3.04602	3.17324	3.30023	3.43288	3.57651	3.73829	3.92775	4.15395
4215840.65	3.16968	3.33629	3.49430	3.64693	3.80256	3.96885	4.15469	4.37037	4.62668
4215820.65	3.44559	3.65823	3.85937	4.04927	4.23808	4.43362	4.64992	4.89797	5.19090
4215800.65	3.73486	4.01013	4.27108	4.51621	4.75129	4.98888	5.24379	5.53428	5.87523
4215780.65	4.03223	4.38542	4.72845	5.05374	5.36027	5.65860	5.96757	6.31197	6.71394
4215760.65	4.32887	4.77352	5.22412	5.66226	6.07506	6.46603	6.85436	7.27271	7.75841
4215740.65	4.61394	5.16049	5.74359	6.33684	6.90607	7.44219	7.95481	8.48179	9.08069
4215720.65	4.87343	5.53419	6.26875	7.05519	7.84528	8.60610	9.31993		

10.02411   10.78714
  4215700.65 | 5.10073   5.87437   6.77285   7.78439   8.87292   9.97267   11.02876
12.01561   13.05023
  4215680.65 | 5.28374   6.16318   7.22606   8.48705   9.94284   11.52255   13.12805
14.64775   16.11947
  4215660.65 | 5.41496   6.38486   7.59375   9.10775   10.96441   13.16311   15.61464
18.07826   20.38953
  4215640.65 | 5.49064   6.52318   7.85869   9.59365   11.84371   14.73852   18.32090
22.38843   26.43766
  4215620.65 | 5.51369   6.58393   7.99967   9.89930   12.47975   16.04605   20.93391
27.33340   34.76068
  4215600.65 | 5.49172   6.57455   8.02066   10.00415   12.79258   16.86147   22.93009
32.03652   45.06868
  4215580.65 | 5.45311   6.52291   7.95708   9.93129   12.78049   17.06538   23.85091
35.15744   54.74533
  4215560.65 | 5.41287   6.46173   7.85586   9.79042   12.57348   16.78813   23.56997
35.57159   58.86639
  4215540.65 | 5.37635   6.40506   7.76638   9.64609   12.33323   16.34663   22.81080
34.13975   56.14399
  4215520.65 | 5.32470   6.32200   7.64963   9.46250   12.03212   15.82515   21.83534
32.03688   51.24559
  4215500.65 | 5.22018   6.17782   7.43480   9.13069   11.48061   14.90950   20.14624
28.59920   43.28605
  4215480.65 | 5.05386   5.94349   7.09597   8.61479   10.69733   13.63279   17.93133
24.48287   35.27640
  4215460.65 | 4.83229   5.64184   6.67564   8.01253   9.80105   12.24101   15.68172
20.77241   29.06094
  4215440.65 | 4.58265   5.31085   6.21910   7.38346   8.89408   10.90535   13.68333
17.84035   24.43764
  4215420.65 | 4.32512   4.97325   5.76679   6.76495   8.04027   9.71764   12.07435
15.54647   20.72947
  4215400.65 | 4.06741   4.63395   5.32721   6.18615   7.28341   8.73659   10.77472
13.67854   17.67706
  4215380.65 | 3.60486   4.31052   4.91625   5.66873   6.63060   7.92460   9.69698
12.10242   15.18433
  4215360.65 | 3.37368   3.80061   4.54602   5.21515   6.08666   7.24162   8.77432
10.73712   13.12632
  4215340.65 | 3.15172   3.53217   3.99989   4.83145   5.62346   6.65201   7.95844
9.56822   11.42479
  4215320.65 | 2.95740   3.30077   3.72844   4.27612   5.22107   6.13631   7.25564
8.57081   10.02195
  4215300.65 | 2.78348   3.10023   3.50349   4.00954   4.86393   5.66749   6.62109
7.70347   8.85751
  4215280.65 | 2.62661   2.92737   3.30328   3.77567   4.38562   5.24688   6.05850
6.94931   7.87253
  4215260.65 | 2.49435   2.78182   3.13269   3.56590   4.11743   4.86366   5.55113
6.29289   7.04015
  4215240.65 | 2.37473   2.64884   2.97932   3.37955   3.87557   4.51419   5.09799
5.71678   6.33199
  4215220.65 | 2.26528   2.52545   2.83895   3.21096   3.65029   4.19554   4.69322
5.21038   5.72209

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17

539245.17   539265.17
- -

Y-COORD (METERS)									
4215200.65	2.16707	2.41662	2.70864	3.05216	3.44397	3.87529	4.32880	4.76679	5.19680
4215180.65	2.07766	2.31256	2.58645	2.89855	3.24717	3.62402	4.00291	4.37669	4.74147
4215160.65	1.99524	2.21843	2.47413	2.75671	3.06645	3.39351	3.71294	4.03229	4.34444
4215140.65	1.91848	2.12960	2.36456	2.62232	2.89741	3.18211	3.47541	3.72510	3.99627
4215120.65	1.84641	2.04292	2.26053	2.49509	2.73747	2.98827	3.24541	3.50626	3.77114
4215100.65	1.77831	1.96288	2.16170	2.37290	2.59055	2.81048	3.03542	3.26529	3.50005
4215080.65	1.71365	1.88449	2.06776	2.25960	2.45209	2.64731	2.84511	3.04889	3.25706
4215060.65	1.65391	1.81160	1.97849	2.15272	2.32481	2.49743	2.67363	2.85390	3.03955
4215040.65	1.59660	1.74186	1.89372	2.04947	2.20387	2.35836	2.51609	2.67763	2.84406
4215020.65	1.54304	1.67512	1.81327	1.95270	2.09047	2.22928	2.37115	2.51666	2.66771

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S):   LOAD   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	2.37642	2.51300	2.66110	2.81393	2.96207	3.09474	3.19619	3.26253	3.29062
4215980.65	2.56513	2.71723	2.88268	3.05169	3.21586	3.36070	3.46986	3.53498	3.55473
4215960.65	2.77860	2.94875	3.13450	3.32410	3.50492	3.66112	3.77571	3.83969	3.84757
4215940.65	3.02147	3.21278	3.42068	3.63427	3.83614	4.00445	4.12631	4.18699	4.17845
4215920.65	3.29951	3.51581	3.75193	3.99188	4.21560	4.39917	4.52469	4.57865	4.55053
4215900.65	3.62003	3.86607	4.13601	4.40727	4.65906	4.85593	4.98631	5.02526	4.97006
4215880.65	3.99239	4.27201	4.58251	4.89377	5.17836	5.39612	5.52079	5.53666	5.43670
4215860.65	4.42661	4.74633	5.10594	5.46878	5.79597	6.03190	6.14826	6.12484	5.96885
4215840.65	4.93771	5.31168	5.72877	6.15546	6.52872	6.78663	6.88494	6.80424	6.56758
4215820.65	5.55138	5.98625	6.48288	6.98511	7.41841	7.69117	7.74978	7.59232	7.25337
4215800.65	6.29427	6.80950	7.39791	8.00090	8.49944	8.78656	8.78626	8.51021	8.03445
4215780.65	7.21451	7.82950	8.54395	9.27113	9.84677	10.12805	10.03006		

9.59200   8.93354
  4215760.65 | 8.35937   9.10876   9.99812   10.88865   11.55390   11.80107   11.53378
10.87240   9.96241
  4215740.65 | 9.81696   10.74520   11.86292   12.96990   13.73368   13.89246   13.36516
12.37097   11.14277
  4215720.65 | 11.71107   12.88814   14.32478   15.72710   16.58953   16.55732   15.62574
14.14200   12.50242
  4215700.65 | 14.23448   15.77536   17.67331   19.48944   20.40247   19.98466   18.38331
16.24273   14.07836
  4215680.65 | 17.72114   19.77492   22.38238   24.78534   25.65773   24.45081   21.77827
18.72932   15.91856
  4215660.65 | 22.73034   25.57983   29.28450   32.57705   33.13230   30.37389   26.03311
21.71152   18.07188
  4215640.65 | 30.20037   34.45666   40.04963   44.69525   44.06654   38.31615   31.32538
25.29617   20.51983
  4215620.65 | 41.96915   48.97499   58.13498   64.94306   60.72424   49.04087   38.00640
29.48725   23.12940
  4215600.65 | 60.70988   75.09658   91.39284   101.75130   86.67577   63.76982   46.13980
33.88699   25.41219
  4215580.65 | 87.58026   127.01076   162.15378   175.21483   127.01995   82.14419   54.10916
37.15432   26.66429
  4215560.65 | 110.57623   223.80397   332.00521   325.28806   180.26462   97.54794   58.11734
37.95690   26.59093
  4215540.65 | 107.62697   258.97355   309.54466   451.55393   192.92304   96.27244   56.11165
36.46844   25.57515
  4215520.65 | 92.78212   199.55725   612.20982   352.24023   154.00511   83.15754   50.56675
33.67355   23.98670
  4215500.65 | 71.81523   140.20964   289.82928   260.64135   126.27890   68.95592   43.58552
30.04028   21.90793
  4215480.65 | 55.39988   96.46063   152.54045   154.31010   101.68853   59.51939   37.97802
26.54714   19.73603
  4215460.65 | 43.65286   67.29452   91.83503   96.11838   76.46391   51.47205   34.05985
23.96723   17.90296
  4215440.65 | 34.74830   48.65141   61.20818   64.63612   56.78443   43.15795   30.70777
22.04410   16.53372
  4215420.65 | 27.92722   36.44462   43.69451   46.26133   42.94513   35.53358   27.25896
20.35623   15.43531
  4215400.65 | 22.75755   28.25263   32.78740   34.73214   33.31564   29.19309   23.81937
18.64867   14.47913
  4215380.65 | 18.81698   22.53435   25.56346   27.03415   26.49113   24.13234   20.65249
16.89555   13.51719
  4215360.65 | 15.77987   18.40018   20.52902   21.68010   21.53036   20.14039   17.85952
15.17474   12.53405
  4215340.65 | 13.40694   15.30649   16.87716   17.79486   17.84217   17.00996   15.49048
13.56349   11.53005
  4215320.65 | 11.52614   12.96461   14.14145   14.87628   15.00097   14.51140   13.48494
12.09881   10.54980
  4215300.65 | 10.02215   11.12381   12.03701   12.62708   12.79690   12.51000   11.80814
10.80222   9.62261
  4215280.65 | 8.79583   9.65745   10.38191   10.86884   11.04896   10.88820   10.39929
9.66280   8.76166
  4215260.65 | 7.78405   8.47022   9.05011   9.46260   9.64032   9.55909   9.21945
8.67561   7.98346
  4215240.65 | 6.93577   7.49519   7.97130   8.31972   8.48890   8.45439   8.22198
7.82094   7.28616
  4215220.65 | 6.22172   6.68424   7.08056   7.37775   7.53206   7.53382   7.37661
7.07404   6.66147

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	5.61511	6.00227	6.33614	6.59186	6.73458	6.75654	6.65005	6.42544	6.10589
4215180.65	5.09540	5.42305	5.70729	5.92614	6.06024	6.09465	6.02435	5.85793	5.60772
4215160.65	4.64673	4.92672	5.16833	5.36214	5.48486	5.52663	5.48233	5.35968	5.16486
4215140.65	4.25668	4.50029	4.71197	4.87999	4.98990	5.03567	5.01010	4.91887	4.76572
4215120.65	3.91729	4.12904	4.31584	4.46243	4.56288	4.60851	4.59646	4.52913	4.40710
4215100.65	3.73152	3.80545	3.96792	4.09825	4.19013	4.23457	4.23228	4.18321	4.08696
4215080.65	3.46303	3.52001	3.66370	3.78015	3.86124	3.90538	3.91013	3.87375	3.79921
4215060.65	3.22382	3.26555	3.39466	3.49783	3.57227	3.61409	3.62384	3.59837	3.53991
4215040.65	3.00922	3.16476	3.15311	3.24609	3.31573	3.35749	3.36952	3.35241	3.30566
4215020.65	2.81644	2.95658	3.08140	3.18557	3.08690	3.12810	3.14259	3.13093	3.09446

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	3.27497	3.22187	3.13248	3.01828	2.88725	2.74523	2.60070	2.45724	2.31479
4215980.65	3.52405	3.44895	3.33908	3.19938	3.04616	2.88586	2.72216	2.56413	2.40945
4215960.65	3.79986	3.70252	3.56309	3.39603	3.21756	3.03310	2.85063	2.67560	2.50826
4215940.65	4.10850	3.97808	3.80603	3.60729	3.39815	3.18946	2.98690	2.79385	2.61330
4215920.65	4.44866	4.28045	4.06957	3.83699	3.59337	3.35591	3.12996	2.91985	2.72547
4215900.65	4.82709	4.61239	4.35554	4.08148	3.80239	3.53375	3.28499	3.05474	2.84573
4215880.65	5.24137	4.97348	4.66603	4.34494	4.02685	3.72711	3.45390	3.20402	2.97891
4215860.65	5.70645	5.36988	4.99997	4.62952	4.26888	3.93838	3.63642	3.36536	3.12252
4215840.65	6.22029	5.80544	5.36723	4.93808	4.53420	4.16492	3.83451		

3.54006 3.27914
4215820.65 | 6.79289 6.27987 5.76435 5.27073 4.82031 4.41192 4.05001
3.73124 3.44473
4215800.65 | 7.43168 6.80805 6.19992 5.63915 5.13396 4.68208 4.28415
3.93424 3.61981
4215780.65 | 8.16749 7.40511 6.69058 6.04970 5.47911 4.97722 4.53936
4.14921 3.80115
4215760.65 | 8.98760 8.06481 7.23114 6.50053 5.85862 5.30012 4.80729
4.37138 3.98319
4215740.65 | 9.91427 8.80565 7.83556 7.00002 6.27195 5.63995 5.08336
4.59260 4.16020
4215720.65 | 10.96858 9.64293 8.51141 7.54744 6.71558 5.98856 5.35528
4.80129 4.31794
4215700.65 | 12.17665 10.58978 9.25143 8.12585 7.16008 6.32344 5.60287
4.98102 4.44596
4215680.65 | 13.56301 11.63634 10.04016 8.70401 7.57782 6.61813 5.80612
5.11772 4.53508
4215660.65 | 15.12667 12.76140 10.82431 9.24128 7.93218 6.84759 5.94973
5.20323 4.58188
4215640.65 | 16.79162 13.84594 11.51506 9.66236 8.18238 6.98847 6.02195
5.23301 4.58607
4215620.65 | 18.35132 14.74588 12.00772 9.91476 8.30082 7.03081 6.02236
5.21142 4.55406
4215600.65 | 19.49893 15.27895 12.23364 9.98658 8.29744 6.99332 5.97166
5.15802 4.50288
4215580.65 | 19.91123 15.36579 12.18456 9.89743 8.19368 6.89601 5.88578
5.08716 4.44050
4215560.65 | 19.63251 15.08872 11.94729 9.70210 8.03680 6.77073 5.78867
5.00647 4.37522
4215540.65 | 18.93610 14.61079 11.61898 9.45918 7.85463 6.63152 5.68034
4.92107 4.30701
4215520.65 | 17.95371 13.98989 11.19172 9.16301 7.63721 6.47099 5.55441
4.82259 4.22884
4215500.65 | 16.69714 13.16216 10.63445 8.77056 7.36027 6.26204 5.39528
4.69910 4.13330
4215480.65 | 15.27099 12.19566 9.95927 8.28609 7.00528 5.99976 5.19515
4.54558 4.01071
4215460.65 | 13.96786 11.23427 9.25309 7.75795 6.60843 5.69768 4.96163
4.36170 3.86440
4215440.65 | 12.92033 10.41365 8.60518 7.25547 6.21199 5.38499 4.71470
4.16236 3.70269
4215420.65 | 12.09584 9.75573 8.07183 6.81894 5.85298 5.09180 4.47241
3.96350 3.53739
4215400.65 | 11.41343 9.22503 7.63914 6.45552 5.54924 4.83351 4.25245
3.77635 3.37994
4215380.65 | 10.81726 8.79265 7.29133 6.16018 5.29455 4.61061 4.06045
3.60910 3.23428
4215360.65 | 10.23318 8.40108 6.99386 5.91490 5.07898 4.42163 3.89236
3.46217 3.10512
4215340.65 | 9.63244 8.02605 6.72695 5.70199 4.89993 4.26196 3.75050
3.33365 2.99144
4215320.65 | 9.01494 7.63767 6.46287 5.50750 4.74029 4.12570 3.62931
3.22609 2.89388
4215300.65 | 8.39467 7.23616 6.19923 5.32157 4.59621 4.00490 3.52475
3.13326 2.80928
4215280.65 | 7.78825 6.82268 5.92670 5.13490 4.45908 3.89710 3.43408
3.05241 2.73569
4215260.65 | 7.20558 6.41281 5.64580 4.94262 4.32249 3.79468 3.35017
2.97951 2.67107
4215240.65 | 6.66581 6.01406 5.36038 4.74370 4.18253 3.69174 3.27067
2.91296 2.61239
4215220.65 | 6.16789 5.62991 5.07762 4.53961 4.03768 3.58690 3.19004
2.84901 2.55779

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	5.70970	5.26509	4.79969	4.33304	3.88820	3.47860	3.10965	2.78643	2.50628
4215180.65	5.29057	4.92409	4.52870	4.12704	3.73544	3.36536	3.02689	2.72344	2.45609
4215160.65	4.90854	4.60419	4.27098	3.92441	3.57995	3.25021	2.94124	2.65886	2.40508
4215140.65	4.55810	4.30747	4.02635	3.73001	3.42876	3.13506	2.85468	2.59293	2.35523
4215120.65	4.23993	4.03193	3.79567	3.54121	3.27938	3.01875	2.76569	2.52541	2.30364
4215100.65	3.95101	3.77917	3.57924	3.36164	3.13327	2.90255	2.67508	2.45570	2.25011
4215080.65	3.68847	3.54530	3.37687	3.19069	2.99153	2.78758	2.58371	2.38428	2.19472
4215060.65	3.44960	3.33010	3.18810	3.02786	2.85495	2.67408	2.49178	2.31174	2.13720
4215040.65	3.23197	3.13206	3.01144	2.87343	2.72189	2.56296	2.40021	2.23759	2.07801
4215020.65	3.03248	2.94975	2.84716	2.72814	2.59582	2.45555	2.31034	2.16314	2.01816

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	2.18029	2.05608	1.94005	1.83316	1.73575
4215980.65	2.26628	2.13261	2.00972	1.89801	1.79447
4215960.65	2.35488	2.21272	2.08268	1.96590	1.85778
4215940.65	2.44925	2.29815	2.16168	2.03704	1.92387
4215920.65	2.55015	2.38946	2.24470	2.11379	1.99371
4215900.65	2.65834	2.48715	2.33314	2.19504	2.06810
4215880.65	2.77789	2.59465	2.42976	2.28043	2.14430
4215860.65	2.90613	2.70903	2.53147	2.37042	2.22229
4215840.65	3.04297	2.82961	2.63711	2.46102	2.29926
4215820.65	3.18743	2.95479	2.74474	2.55136	2.37547
4215800.65	3.33727	3.08356	2.85144	2.64005	2.44721
4215780.65	3.48863	3.20853	2.95346	2.72243	2.51431

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  4215760.65 |       3.63790      3.32626      3.04641      2.79493      2.57013
  4215740.65 |       3.77411      3.43096      3.12576      2.85558      2.61349
  4215720.65 |       3.89147      3.51683      3.18896      2.89866      2.64257
  4215700.65 |       3.98064      3.57719      3.22657      2.92248      2.65659
  4215680.65 |       4.03600      3.60894      3.24365      2.92830      2.65489
  4215660.65 |       4.05724      3.61369      3.23807      2.91793      2.64088
  4215640.65 |       4.04647      3.59473      3.21517      2.89370      2.61931
  4215620.65 |       4.01057      3.55860      3.18078      2.86341      2.59185
  4215600.65 |       3.96392      3.51717      3.14450      2.83184      2.56451
  4215580.65 |       3.91151      3.47322      3.10758      2.80069      2.53816
  4215560.65 |       3.85833      3.43133      3.07149      2.77055      2.51284
  4215540.65 |       3.80512      3.38630      3.03586      2.74082      2.48786
  4215520.65 |       3.74214      3.33507      2.99368      2.70567      2.45735
  4215500.65 |       3.66413      3.27191      2.94190      2.66159      2.42045
  4215480.65 |       3.56623      3.19277      2.87715      2.60698      2.37484
  4215460.65 |       3.44850      3.09828      2.79855      2.54186      2.31954
  4215440.65 |       3.31633      2.98932      2.70821      2.46547      2.25524
  4215420.65 |       3.17927      2.87346      2.61062      2.38292      2.18500
  4215400.65 |       3.04400      2.75767      2.51128      2.29818      2.11124
  4215380.65 |       2.91798      2.64767      2.41575      2.21394      2.03744
  4215360.65 |       2.80404      2.54687      2.32610      2.13423      1.96652
  4215340.65 |       2.70273      2.45657      2.24474      2.06092      1.90041
  4215320.65 |       2.61408      2.37593      2.17128      1.99395      1.83929
  4215300.65 |       2.53671      2.30502      2.10620      1.93414      1.78426
  4215280.65 |       2.46916      2.24277      2.04872      1.88098      1.73503
  4215260.65 |       2.40995      2.18808      1.99799      1.83383      1.69112
  4215240.65 |       2.35756      2.13993      1.95346      1.79231      1.65232
  4215220.65 |       2.30991      2.09695      1.91402      1.75570      1.61803
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 339
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                                INCLUDING SOURCE(S):     LOAD        ,

                                 *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539645.17    539665.17    539685.17    539705.17    539725.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       2.26454      2.05768      1.87840      1.72301      1.58761
  4215180.65 |       2.22249      2.02077      1.84607      1.69323      1.56009
  4215160.65 |       2.18163      1.98595      1.81533      1.66602      1.53494
  4215140.65 |       2.14214      1.95277      1.78666      1.64053      1.51189
  4215120.65 |       2.10187      1.92028      1.75937      1.61672      1.49043
  4215100.65 |       2.06034      1.88733      1.73230      1.59327      1.46987
  4215080.65 |       2.01731      1.85346      1.70496      1.57013      1.44991
  4215060.65 |       1.97227      1.81845      1.67698      1.54725      1.43027
  4215040.65 |       1.92540      1.78137      1.64702      1.52324      1.41062
  4215020.65 |       1.87745      1.74317      1.61652      1.49897      1.39068
*** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 340
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
```

INCLUDING SOURCE(S): LOAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	52.67126	539351.84	4215428.70	51.80083
539361.84	4215428.70	49.11350	539371.84	4215428.70	45.04761
539381.84	4215428.70	40.15822	539341.84	4215438.70	62.66341
539351.84	4215438.70	61.04019	539361.84	4215438.70	56.94699
539371.84	4215438.70	51.16228	539381.84	4215438.70	44.57477
539341.84	4215448.70	75.75655	539351.84	4215448.70	72.82220
539361.84	4215448.70	66.52067	539371.84	4215448.70	58.20710
539381.84	4215448.70	49.33764	539341.84	4215458.70	93.30358
539351.84	4215458.70	88.03160	539361.84	4215458.70	78.14555
539371.84	4215458.70	66.11933	539381.84	4215458.70	54.26391
539341.84	4215468.70	117.44271	539351.84	4215468.70	107.80156
539361.84	4215468.70	92.00175	539371.84	4215468.70	74.62180
539381.84	4215468.70	59.16032	539113.88	4215517.52	5.71269
539096.52	4215515.99	4.94948	539108.26	4215501.18	5.35863
539096.01	4215500.67	4.85955	539108.26	4215486.38	5.23632
539094.47	4215485.36	4.70052	539135.32	4215461.36	6.14523
539150.13	4215439.91	6.46556	539114.39	4215452.68	5.07043
539123.07	4215439.40	5.20480	539159.32	4215421.02	6.45906
539145.02	4215416.43	5.66742	539134.30	4215410.81	5.12557
539131.75	4215425.11	5.29739	539206.80	4215383.75	8.16811
539215.99	4215372.52	8.47478	539188.93	4215382.22	6.89556
539176.17	4215379.67	6.13898	539165.44	4215376.09	5.56942
539248.79	4215356.71	10.88207	539243.45	4215348.45	9.84385
539265.58	4215345.25	11.83043	539260.78	4215338.05	10.81792
539256.25	4215351.38	11.31743	539272.77	4215331.92	11.44466
539264.78	4215324.99	10.27621	539280.77	4215321.79	11.29091
539279.97	4215307.14	10.15121	539287.97	4215313.80	11.16732
539297.83	4215304.74	11.05464	539289.56	4215296.21	9.96649
539311.15	4215287.68	10.38975	539303.69	4215281.28	9.63798
539303.69	4215296.21	10.69561	539314.25	4215271.79	9.41705

539329.09	4215260.48	9.13871	539339.69	4215237.16	8.06504
539357.36	4215232.92	8.05477	539394.11	4215199.70	6.69125
539044.99	4215579.21	3.49308	539034.39	4215591.93	3.27079
539054.88	4215556.59	3.71533	539058.42	4215538.92	3.79301
539054.88	4215520.55	3.68429	539082.44	4215477.44	4.25543
539073.96	4215466.13	3.93603	539098.70	4215440.69	4.37976
539109.30	4215426.56	4.52799	539117.07	4215415.96	4.62208
539125.55	4215401.11	4.65484	539158.77	4215367.19	5.11579
539150.29	4215357.30	4.64148	539184.21	4215339.63	5.55914
539222.37	4215324.79	7.21868	539243.58	4215317.72	8.32972

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): LOAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	6.52134	539364.42	4215191.93	6.42426
539344.64	4215200.41	6.57646	539409.65	4215113.48	4.45166
539355.94	4215136.80	4.86117	539262.66	4215288.75	8.12227
539282.44	4215261.19	7.70781	539299.41	4215235.04	7.10755
539168.92	4215647.77	9.79866	538947.70	4216163.58	0.89829
539352.12	4215798.21	8.33830	539367.62	4215566.76	153.08924
539278.26	4215504.64	62.47867	539297.51	4215494.11	95.36910
539323.66	4215486.12	174.61763	539342.55	4215482.85	168.34856
539367.23	4215481.23	96.94469	539397.77	4215487.94	46.41494
539352.73	4215556.41	292.69678	539337.83	4215546.05	575.13697
539322.94	4215535.70	232.17947	539308.05	4215525.35	246.37893
539293.15	4215514.99	113.58000	539287.89	4215499.38	76.30075
539310.58	4215490.12	137.93958	539354.89	4215482.04	134.45633
539382.50	4215484.59	65.48997	539391.74	4215503.70	60.10331
539385.71	4215519.47	81.00443	539379.68	4215535.23	110.58636

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN ***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	0.78772	0.82907	0.87219	0.91734	0.96357	1.01121	1.05998	1.10975	1.16008
4215980.65	0.79551	0.83904	0.88518	0.93345	0.98348	1.03548	1.08922	1.14493	1.20162
4215960.65	0.80150	0.84732	0.89608	0.94754	1.00133	1.05774	1.11657	1.17814	1.24152
4215940.65	0.80627	0.85383	0.90489	0.95925	1.01662	1.07733	1.14125	1.20848	1.27910
4215920.65	0.80998	0.85886	0.91177	0.96863	1.02920	1.09395	1.16282	1.23599	1.31366
4215900.65	0.81307	0.86283	0.91686	0.97592	1.03917	1.10748	1.18092	1.25981	1.34446
4215880.65	0.81596	0.86600	0.92114	0.98159	1.04688	1.11810	1.19585	1.27997	1.37089
4215860.65	0.81897	0.86927	0.92491	0.98624	1.05325	1.12664	1.20757	1.29653	1.39346
4215840.65	0.82209	0.87274	0.92863	0.99018	1.05832	1.13384	1.21710	1.30956	1.41104
4215820.65	0.82582	0.87655	0.93260	0.99441	1.06336	1.13978	1.22495	1.31946	1.42468
4215800.65	0.82992	0.88076	0.93693	0.99891	1.06815	1.14543	1.23153	1.32804	1.43538
4215780.65	0.83437	0.88534	0.94138	1.00378	1.07291	1.15012	1.23666	1.33399	1.44278
4215760.65	0.83910	0.88998	0.94644	1.00902	1.07801	1.15543	1.24187	1.33967	1.44979
4215740.65	0.84397	0.89508	0.95176	1.01456	1.08377	1.16066	1.24729	1.34539	1.45599
4215720.65	0.84853	0.90019	0.95717	1.01995	1.08939	1.16649	1.25291	1.35125	1.46269
4215700.65	0.85296	0.90499	0.96235	1.02550	1.09494	1.17233	1.25903	1.35715	1.46942
4215680.65	0.86387	0.90907	0.96655	1.03044	1.10031	1.17815	1.26526	1.36380	1.47651
4215660.65	0.86876	0.92084	0.96992	1.03426	1.10459	1.18290	1.27051	1.36955	1.48278
4215640.65	0.87215	0.92458	0.98230	1.03662	1.10731	1.18603	1.27407	1.37358	1.48672
4215620.65	0.87384	0.92658	0.98463	1.03765	1.10852	1.19917	1.28769	1.37550	1.48895
4215600.65	0.87404	0.92705	0.98536	1.04975	1.12111	1.20052	1.28928	1.38916	1.48926
4215580.65	0.87345	0.92669	0.98525	1.04981	1.12114	1.20050	1.28921	1.38911	1.50258
4215560.65	0.87303	0.92651	0.98510	1.05008	1.12130	1.20053	1.28906		

								1.38890	1.50260
4215540.65	0.87347	0.92686	0.98600	1.05131	1.12249	1.20163	1.29003	1.38987	1.50394
4215520.65	0.87463	0.92815	0.98752	1.05311	1.12423	1.20329	1.29156	1.39136	1.50571
4215500.65	0.87469	0.92865	0.98802	1.05361	1.12441	1.20380	1.29246	1.39194	1.50511
4215480.65	0.87259	0.92617	0.98511	1.04951	1.12084	1.19932	1.28688	1.38606	1.49669
4215460.65	0.86618	0.91892	0.97691	1.04010	1.11003	1.18769	1.27431	1.37011	1.47778
4215440.65	0.85495	0.90646	0.96219	1.02452	1.09349	1.16891	1.25288	1.34675	1.44886
4215420.65	0.83970	0.88881	0.94364	1.00399	1.07065	1.14319	1.22520	1.31512	1.41206
4215400.65	0.82183	0.86918	0.92205	0.98010	1.04273	1.11322	1.19134	1.27647	1.36740
4215380.65	0.80152	0.84785	0.89846	0.95385	1.01327	1.08004	1.15377	1.23370	1.31840
4215360.65	0.78106	0.82518	0.87321	0.92434	0.98154	1.04435	1.11362	1.18666	1.26556
4215340.65	0.75949	0.80117	0.84525	0.89443	0.94824	1.00740	1.07112	1.14193	1.21686
4215320.65	0.73679	0.77602	0.81746	0.86388	0.91346	0.96817	1.03078	1.09715	1.17191
4215300.65	0.71344	0.74950	0.78995	0.83444	0.88085	0.93401	0.99367	1.05903	1.13293
4215280.65	0.68948	0.72514	0.76445	0.80812	0.85404	0.90547	0.96330	1.02841	1.10357
4215260.65	0.66831	0.70350	0.74266	0.78515	0.83134	0.88159	0.93937	1.00373	1.07665
4215240.65	0.65027	0.68579	0.72547	0.76855	0.81521	0.86555	0.92102	0.98312	1.05185
4215220.65	0.63616	0.67237	0.71149	0.75595	0.80230	0.85279	0.90592	0.96542	1.02845

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN ***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215200.65	0.62582	0.66249	0.70164	0.74530	0.79006	0.83897	0.88946	0.94241	0.99902
4215180.65	0.61819	0.65361	0.69270	0.73435	0.77730	0.82227	0.86912	0.91665	0.96608
4215160.65	0.61080	0.64582	0.68277	0.72142	0.76065	0.80222	0.84427	0.88795	0.93139
4215140.65	0.60376	0.63657	0.67062	0.70493	0.74112	0.77848	0.81727	0.85690	0.89665
4215120.65	0.59498	0.62506	0.65594	0.68682	0.71940	0.75318	0.78759	0.82504	0.86317
4215100.65	0.58400	0.61122	0.63834	0.66692	0.69650	0.72745	0.75933	0.79449	0.83069

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***

INCLUDING SOURCE(S):   REFILLING   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	1.20940	1.25749	1.30361	1.34719	1.38793	1.42600	1.46191	1.49679	1.53181
4215980.65	1.25871	1.31462	1.36904	1.42110	1.47011	1.51580	1.55844	1.59887	1.63839
4215960.65	1.30648	1.37125	1.43496	1.49688	1.55593	1.61134	1.66284	1.71088	1.75664
4215940.65	1.35202	1.42652	1.50037	1.57344	1.64432	1.71167	1.77470	1.83303	1.88749
4215920.65	1.39479	1.47839	1.56348	1.64876	1.73305	1.81460	1.89313	1.96504	2.03150
4215900.65	1.43352	1.52734	1.62386	1.72226	1.82143	1.91938	2.01593	2.10595	2.18856
4215880.65	1.46859	1.57191	1.68022	1.79247	1.90775	2.02404	2.14105	2.25313	2.35783
4215860.65	1.49803	1.61105	1.73067	1.85717	1.98940	2.12636	2.26566	2.40411	2.53715
4215840.65	1.52241	1.64393	1.77502	1.91586	2.06565	2.22384	2.38840	2.55613	2.72165
4215820.65	1.54101	1.67025	1.81180	1.96636	2.13367	2.31288	2.50519	2.70525	2.90845
4215800.65	1.55574	1.69047	1.84080	2.00764	2.19153	2.39236	2.61240	2.84696	3.09082
4215780.65	1.56620	1.70577	1.86277	2.04049	2.23901	2.46113	2.70748	2.97629	3.26632
4215760.65	1.57476	1.71702	1.88004	2.06533	2.27648	2.51617	2.78766	3.08972	3.42435
4215740.65	1.58241	1.72695	1.89292	2.08409	2.30368	2.55803	2.84934	3.18237	3.55958
4215720.65	1.58968	1.73589	1.90363	2.09790	2.32498	2.58895	2.89478	3.25299	3.66726
4215700.65	1.59744	1.74360	1.91312	2.11015	2.34062	2.61064	2.92698	3.30180	3.74630
4215680.65	1.60498	1.75163	1.92183	2.11992	2.35113	2.62558	2.94805	3.33432	3.79966
4215660.65	1.61109	1.75891	1.92964	2.12839	2.36055	2.63674	2.96236	3.35489	3.83262
4215640.65	1.61616	1.76450	1.93575	2.13399	2.36772	2.64472	2.97160	3.36680	3.85048
4215620.65	1.61872	1.76741	1.93809	2.13753	2.37154	2.64737	2.97417		

3.36951 3.85432
4215600.65 | 1.61901 1.76766 1.93822 2.13747 2.37118 2.64653 2.97254
3.36681 3.85031
4215580.65 | 1.61875 1.76617 1.93701 2.13553 2.36825 2.64225 2.96634
3.35800 3.83783
4215560.65 | 1.63126 1.76738 1.93769 2.13545 2.36578 2.63943 2.96116
3.34944 3.82432
4215540.65 | 1.63277 1.77196 1.94219 2.13857 2.36952 2.64231 2.96250
3.34831 3.81930
4215520.65 | 1.63463 1.78295 1.94842 2.14480 2.37559 2.64793 2.96709
3.35109 3.81905
4215500.65 | 1.63353 1.78016 1.94867 2.14589 2.37525 2.64387 2.95949
3.33828 3.79852
4215480.65 | 1.62193 1.76610 1.93153 2.12470 2.35907 2.62165 2.92892
3.29598 3.73956
4215460.65 | 1.59938 1.73747 1.89737 2.08398 2.32211 2.57394 2.86681
3.21434 3.63111
4215440.65 | 1.56545 1.69520 1.84739 2.02470 2.22650 2.50210 2.77613
3.09915 3.48394
4215420.65 | 1.52049 1.64226 1.78516 1.94817 2.13911 2.36102 2.60586
2.89324 3.23461
4215400.65 | 1.46863 1.58182 1.71486 1.86635 2.04416 2.25103 2.47805
2.74528 3.06330
4215380.65 | 1.41249 1.51496 1.63892 1.78400 1.95182 2.14316 2.35732
2.60945 2.90764
4215360.65 | 1.35344 1.45213 1.57009 1.70920 1.87064 2.05442 2.25901
2.49690 2.77253
4215340.65 | 1.30101 1.39632 1.51112 1.64659 1.79919 1.97854 2.17101
2.38955 2.63609
4215320.65 | 1.25426 1.35055 1.46323 1.59460 1.74018 1.90728 2.08645
2.28123 2.50140
4215300.65 | 1.21661 1.31119 1.42266 1.54433 1.68176 1.83273 1.99158
2.16567 2.35849
4215280.65 | 1.18553 1.27866 1.38105 1.49501 1.61847 1.75213 1.89167
2.04835 2.22438
4215260.65 | 1.15652 1.24509 1.33834 1.44029 1.54959 1.66516 1.79438
1.93578 2.09738
4215240.65 | 1.12713 1.20546 1.29038 1.38075 1.47784 1.58135 1.69885
1.83228 1.98401
4215220.65 | 1.09483 1.16304 1.23848 1.31922 1.40488 1.50177 1.61107
1.73681 1.88126

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN
***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 538925.17 538945.17 538965.17 538985.17 539005.17 539025.17 539045.17
539065.17 539085.17
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4215200.65 | 1.05683 1.11907 1.18533 1.25700 1.33786 1.42858 1.53213
1.64979 1.79109
4215180.65 | 1.01788 1.07278 1.13346 1.20005 1.27619 1.36253 1.45969
1.57525 1.71156
4215160.65 | 0.97726 1.02785 1.08312 1.14765 1.22038 1.30342 1.39734
1.50913 1.64074

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                               INCLUDING SOURCE(S):   REFILLING   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
 -
- - - - - - - -

  4216000.65 | 1.56861   1.60823   1.65112   1.69744   1.74686   1.79989   1.85841
1.92458   2.00287
  4215980.65 | 1.67893   1.72201   1.76855   1.81903   1.87297   1.93147   1.99520
2.06737   2.15256
  4215960.65 | 1.80218   1.84954   1.90030   1.95543   2.01495   2.07919   2.14939
2.22857   2.32173
  4215940.65 | 1.93999   1.99300   2.04885   2.10927   2.17483   2.24591   2.32360
2.41092   2.51328
  4215920.65 | 2.09384   2.15469   2.21709   2.28378   2.35624   2.43515   2.52154
2.61838   2.73144
  4215900.65 | 2.26485   2.33693   2.40832   2.48284   2.56336   2.65130   2.74819
2.85587   2.98148
  4215880.65 | 2.45344   2.54176   2.62608   2.71110   2.80139   2.89994   3.00837
3.13009   3.27012
  4215860.65 | 2.65891   2.77047   2.87385   2.97392   3.07693   3.18807   3.31065
3.44809   3.60593
  4215840.65 | 2.87890   3.02284   3.15425   3.27687   3.39777   3.52491   3.66442
3.82078   3.99966
  4215820.65 | 3.10730   3.29630   3.46820   3.62493   3.77269   3.92184   4.08250
4.26194   4.46673
  4215800.65 | 3.34007   3.58494   3.81373   4.02119   4.21073   4.39273   4.58158
4.78995   5.02762
  4215780.65 | 3.56963   3.88020   4.18263   4.46480   4.71913   4.95307   5.18330
5.42963   5.70902
  4215760.65 | 3.78716   4.17266   4.56446   4.94873   5.29982   5.61730   5.91336
6.21481   6.54876
  4215740.65 | 3.98301   4.44746   4.94502   5.45475   5.94218   6.39009   6.79464
7.18526   7.60048
  4215720.65 | 4.14610   4.69458   5.30517   5.96344   6.63073   7.27351   7.85868
8.39558   8.93445
  4215700.65 | 4.27422   4.89933   5.62394   6.44177   7.33081   8.24281   9.12106
9.91021   10.66281
  4215680.65 | 4.36466   5.05361   5.88250   6.86293   7.99863   9.24958   10.55127

11.79143   12.92209
  4215660.65 | 4.42188   5.15697   6.06588   7.19504   8.57198   10.20835   12.07246
14.01616   15.85779
  4215640.65 | 4.45278   5.21241   6.18130   7.42189   9.00731   11.02407   13.52490
16.45534   19.55153
  4215620.65 | 4.46381   5.23587   6.23514   7.54490   9.27956   11.61495   14.74360
18.82775   23.80120
  4215600.65 | 4.45579   5.23247   6.24066   7.57943   9.39284   11.93007   15.54215
20.71937   28.00017
  4215580.65 | 4.43836   5.20907   6.21109   7.54091   9.37648   11.99037   15.85802
21.79664   31.18770
  4215560.65 | 4.41769   5.17820   6.15986   7.47397   9.28248   11.87219   15.74710
21.95768   32.47875
  4215540.65 | 4.40662   5.15779   6.12429   7.41399   9.18223   11.69111   15.47257
21.53675   31.99121
  4215520.65 | 4.40146   5.14006   6.09758   7.36421   9.09181   11.52460   15.15916
20.89137   30.70267
  4215500.65 | 4.36940   5.09477   6.02531   7.24745   8.88838   11.19545   14.57011
19.75952   28.32617
  4215480.65 | 4.28621   4.97555   5.85109   6.97982   8.48975   10.56395   13.52578
17.92365   24.86289
  4215460.65 | 4.14041   4.77692   5.57676   6.59511   7.93834   9.74911   12.26390
15.84713   21.20177
  4215440.65 | 3.95117   4.53157   5.25044   6.16791   7.35300   8.91122   10.98437
13.85741   18.05811
  4215420.65 | 3.65435   4.28109   4.93260   5.75084   6.78139   8.08428   9.78959
12.11572   15.54050
  4215400.65 | 3.45372   3.93606   4.62811   5.34319   6.21983   7.30662   8.72809
10.69622   13.57867
  4215380.65 | 3.26790   3.71010   4.32516   4.93803   5.67531   6.60740   7.84141
9.56713   12.02685
  4215360.65 | 3.09642   3.48303   3.93151   4.54434   5.18838   6.01288   7.11933
8.63940   10.72894
  4215340.65 | 2.91899   3.25241   3.63986   4.09657   4.76886   5.51960   6.51760
7.86463   9.61102
  4215320.65 | 2.74779   3.03475   3.37327   3.78770   4.32347   5.11245   6.02375
7.20148   8.64309
  4215300.65 | 2.58097   2.83489   3.14596   3.52584   4.02666   4.76018   5.58460
6.60848   7.79919
  4215280.65 | 2.42310   2.65847   2.94545   3.30413   3.78082   4.45478   5.19431
6.07338   7.05053
  4215260.65 | 2.28674   2.50987   2.77876   3.11394   3.55981   4.12250   4.83468
5.58911   6.39247
  4215240.65 | 2.16386   2.37723   2.63444   2.95262   3.36854   3.88085   4.50488
5.14747   5.81395
  4215220.65 | 2.05347   2.25802   2.50746   2.81289   3.19462   3.65829   4.20140
4.74572   5.30164

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                               INCLUDING SOURCE(S):   REFILLING   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
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- - - - - - - -

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN
***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4216000.65	2.09570	2.20717	2.33803	2.48688	2.64903	2.81594	2.97246	3.10743	3.20953
4215980.65	2.25445	2.37694	2.52188	2.68700	2.86818	3.05414	3.22794	3.37361	3.47883
4215960.65	2.43336	2.56842	2.72961	2.91459	3.11706	3.32392	3.51578	3.67387	3.78071
4215940.65	2.63608	2.78559	2.96480	3.17292	3.40139	3.63246	3.84632	4.01765	4.12411
4215920.65	2.86714	3.03338	3.23456	3.46907	3.72699	3.98760	4.22475	4.40952	4.51430
4215900.65	3.13223	3.31796	3.54502	3.81095	4.10545	4.39925	4.66477	4.86068	4.95936
4215880.65	3.43857	3.64640	3.90398	4.20867	4.54722	4.88460	5.17794	5.38323	5.46415
4215860.65	3.79479	4.02867	4.32251	4.67534	5.06943	5.45701	5.78376	5.99216	6.04719
4215840.65	4.21294	4.47984	4.81635	5.22825	5.68849	6.13868	6.50216	6.70645	6.71683
4215820.65	4.71069	5.01554	5.40694	5.89057	6.43566	6.95931	7.35860	7.55015	7.49658
4215800.65	5.30904	5.66194	6.11802	6.69382	7.34323	7.95926	8.39798	8.55388	8.40384
4215780.65	6.03958	6.45235	6.99258	7.68450	8.46810	9.19427	9.66876	9.76199	9.46848
4215760.65	6.94156	7.43192	8.08209	8.92584	9.88516	10.74718	11.24129	11.22657	10.71572
4215740.65	8.07585	8.66808	9.45927	10.50441	11.69697	12.72506	13.21296		

13.00180   12.18098
  4215720.65 | 9.53186   10.26132   11.24172   12.56196   14.07241   15.30168   15.72621
15.17620   13.90754
  4215700.65 | 11.44406   12.36628   13.60837   15.31502   17.26953   18.73307   18.95769
17.85765   15.95025
  4215680.65 | 14.01162   15.23628   16.85418   19.12587   21.72048   23.43145   23.18867
21.17874   18.38286
  4215660.65 | 17.54975   19.27347   21.48718   24.63149   28.18469   30.07984   28.84350
25.33403   21.30969
  4215640.65 | 22.45610   25.19139   28.39074   33.01820   38.08382   39.84748   36.50286
30.58295   24.86687
  4215620.65 | 29.16357   34.22150   39.48862   46.72013   54.30619   54.83458   47.09478
37.28444   29.22128
  4215600.65 | 37.53249   48.12353   58.55742   71.41797   83.42179   78.98692   61.89651
45.80750   34.27253
  4215580.65 | 46.14073   68.05159   94.26642   123.24064   142.67656   119.91841   82.46193
55.89062   39.19273
  4215560.65 | 51.96663   90.08218   160.12050   259.51636   289.46943   190.22715   107.45452
64.79537   42.21358
  4215540.65 | 52.64627   101.32391   245.99990   0.00000   0.00000   280.64020   123.75110
67.53440   42.14226
  4215520.65 | 49.67067   94.52673   250.44321   0.00000   0.00000   282.50425   115.81115
63.13331   39.69762
  4215500.65 | 44.02564   77.39290   170.09526   462.78302   496.46056   205.96946   94.91276
54.77034   35.69838
  4215480.65 | 36.57275   59.11564   110.79023   206.27842   232.18086   145.93360   77.73055
46.42732   31.21544
  4215460.65 | 29.86825   45.73778   75.47122   115.35347   129.93115   102.05473   64.68812
40.55431   27.55024
  4215440.65 | 24.76211   36.27515   54.03459   73.49771   82.03616   72.26178   53.05764
35.98809   24.95490
  4215420.65 | 20.90442   29.21064   40.19615   50.95666   56.36309   52.84386   42.92929
31.71146   22.84068
  4215400.65 | 17.89557   23.86102   30.91343   37.48167   41.11769   39.99147   34.69381
27.56608   20.88955
  4215380.65 | 15.44874   19.75608   24.47938   28.75967   31.35769   31.17659   28.27955
23.75321   18.91465
  4215360.65 | 13.41895   16.56745   19.86004   22.83154   24.73664   24.92099   23.30691
20.41531   16.98426
  4215340.65 | 11.72071   14.05007   16.44298   18.59940   20.05555   20.37664   19.47235
17.58570   15.15090
  4215320.65 | 10.29494   12.07198   13.84671   15.45700   16.57796   16.95127   16.45457
15.21405   13.48460
  4215300.65 | 9.10221   10.46927   11.82932   13.05755   13.95740   14.32496   14.06701
13.24378   12.00625
  4215280.65 | 8.09310   9.16416   10.23100   11.19765   11.92543   12.26915   12.14701
11.59858   10.70693
  4215260.65 | 7.23583   8.08934   8.93693   9.71922   10.31699   10.63058   10.59430
10.22925   9.58284
  4215240.65 | 6.49981   7.19488   7.88482   8.52371   9.02130   9.29922   9.31902
9.08225   8.61146
  4215220.65 | 5.86901   6.44325   7.01330   7.54269   7.95741   8.21105   8.26418
8.10783   7.76764

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                                INCLUDING SOURCE(S):   REFILLING   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539285.17    539305.17    539325.17    539345.17    539365.17    539385.17    539405.17
539425.17    539445.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       5.32533      5.80589      6.28299      6.72720      7.08006      7.30688      7.37602
7.28125      7.03604
  4215180.65 |       4.85411      5.26091      5.66474      6.03828      6.34451      6.54738      6.62455
6.57262      6.39465
  4215160.65 |       4.44342      4.79129      5.13369      5.45640      5.72150      5.90319      5.98340
5.96136      5.83513
  4215140.65 |       4.12383      4.44307      4.68392      4.96026      5.18893      5.35200      5.43219
5.42891      5.33942
  4215120.65 |       3.80979      4.08896      4.29296      4.53139      4.73211      4.87666      4.95498
4.96456      4.90064
  4215100.65 |       3.53151      3.77712      4.01989      4.15803      4.33526      4.46378      4.53915
4.55742      4.51404
  4215080.65 |       3.28379      3.50097      3.71500      3.83250      3.98652      4.10282      4.17466
4.19714      4.17066
  4215060.65 |       3.06232      3.25582      3.44495      3.62203      3.77310      3.88801      3.85336
3.87965      3.86454
  4215040.65 |       2.86336      3.03734      3.20731      3.36656      3.50071      3.60257      3.57003
3.59859      3.59071
  4215020.65 |       2.68418      2.84134      2.99475      3.13690      3.25821      3.34858      3.31889
3.34750      3.34602
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 350
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                               INCLUDING SOURCE(S):     REFILLING   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539465.17    539485.17    539505.17    539525.17    539545.17    539565.17    539585.17
539605.17    539625.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4216000.65 |       3.26637      3.27624      3.23662      3.15624      3.04368      2.90742      2.75896
2.60554      2.45065
  4215980.65 |       3.53009      3.52462      3.46675      3.36080      3.22344      3.06495      2.89375
2.72250      2.55300
  4215960.65 |       3.82486      3.80308      3.71830      3.58361      3.41731      3.23037      3.03605
2.84454      2.66003
  4215940.65 |       4.15719      4.10953      3.99338      3.82426      3.62260      3.40588      3.18666
2.97382      2.77388
  4215920.65 |       4.52854      4.44930      4.29417      4.08623      3.84406      3.59245      3.34493
3.11152      2.89572
  4215900.65 |       4.94673      4.82635      4.62303      4.36681      4.08105      3.79135      3.51571
3.25914      3.02687
  4215880.65 |       5.41369      5.24243      4.98251      4.66975      4.33518      4.00652      3.70122
3.42210      3.17222
  4215860.65 |       5.94425      5.70448      5.37276      4.99723      4.60865      4.24062      3.90203
3.59915      3.33027
  4215840.65 |       6.54171      6.21767      5.80238      5.35212      4.90697      4.49246      4.12096
3.79254      3.50440
  4215820.65 |       7.21878      6.78422      6.26973      5.73549      5.22942      4.76803      4.36123
4.00658      3.69279
  4215800.65 |       7.98690      7.41798      6.78299      6.15835      5.58374      5.07198      4.62631
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4.23975 3.89841
4215780.65 | 8.87556 8.13323 7.35724 6.62859 5.97665 5.40947 4.92185
4.49577 4.12162
4215760.65 | 9.88247 8.92892 7.99256 7.15002 6.41607 5.78824 5.24619
4.77501 4.36062
4215740.65 | 11.03240 9.82491 8.70702 7.73775 6.91025 6.20758 5.60174
5.07432 4.61148
4215720.65 | 12.35194 10.84363 9.51975 8.40509 7.46829 6.66991 5.98314
5.38441 4.85909
4215700.65 | 13.87846 12.01624 10.44912 9.15987 8.08202 7.16340 6.37280
5.68533 5.08583
4215680.65 | 15.66562 13.37643 11.51810 10.00041 8.73678 7.66169 6.74186
5.95051 5.27006
4215660.65 | 17.78527 14.97030 12.72349 10.90150 9.38919 8.12022 7.05247
6.15196 5.39346
4215640.65 | 20.30697 16.77862 14.00218 11.77215 9.96046 8.47790 7.26351
6.26561 5.44450
4215620.65 | 23.20746 18.67831 15.19232 12.47936 10.35729 8.68077 7.34979
6.28458 5.42672
4215600.65 | 26.16358 20.32951 16.05674 12.89348 10.52427 8.71863 7.32422
6.23133 5.36446
4215580.65 | 28.43750 21.29540 16.40200 12.96021 10.46999 8.62358 7.22252
6.13915 5.28225
4215560.65 | 29.29308 21.39557 16.26546 12.76828 10.28738 8.46832 7.09832
6.03819 5.20217
4215540.65 | 28.72667 20.89126 15.86352 12.46808 10.06403 8.30151 6.97231
5.94212 5.12807
4215520.65 | 27.28743 20.00857 15.31085 12.09329 9.80284 8.11444 6.83274
5.83686 5.04728
4215500.65 | 25.16796 18.74105 14.51092 11.57105 9.44338 7.85920 6.64618
5.69735 4.94207
4215480.65 | 22.54593 17.11944 13.44693 10.85199 8.94998 7.50670 6.38860
5.50564 4.79522
4215460.65 | 20.13565 15.45762 12.29120 10.02170 8.35404 7.07283 6.06438
5.25898 4.60511
4215440.65 | 18.30029 14.08460 11.24726 9.23800 7.74618 6.61212 5.70603
4.97832 4.38326
4215420.65 | 16.92422 13.04192 10.42523 8.57880 7.21359 6.17417 5.35744
4.69389 4.15108
4215400.65 | 15.77936 12.23138 9.78928 8.05461 6.78005 5.80847 5.04395
4.43201 3.92965
4215380.65 | 14.73476 11.57003 9.29176 7.64453 6.43131 5.50435 4.78050
4.20248 3.73230
4215360.65 | 13.68374 10.95276 8.86615 7.31087 6.14538 5.25657 4.56038
4.00785 3.56105
4215340.65 | 12.61499 10.34276 8.47567 7.02123 5.91140 5.05253 4.38087
3.84574 3.41520
4215320.65 | 11.55728 9.70798 8.08000 6.75238 5.70273 4.88039 4.23079
3.71363 3.29551
4215300.65 | 10.54501 9.06229 7.67880 6.48967 5.51174 4.72740 4.10241
3.60177 3.19432
4215280.65 | 9.60245 8.41761 7.26524 6.22167 5.32664 4.58900 3.99050
3.50488 3.10771
4215260.65 | 8.73681 7.79975 6.84572 5.94446 5.13944 4.45536 3.88552
3.41690 3.03191
4215240.65 | 7.96387 7.21877 6.42940 5.65961 4.94624 4.31933 3.78449
3.33537 2.96246
4215220.65 | 7.27344 6.67692 6.02735 5.37157 4.74655 4.17969 3.68101
3.25588 2.89683

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN
***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	6.65555	6.17683	5.64241	5.08555	4.54217	4.03529	3.57699	3.17722	2.83389
4215180.65	6.10353	5.72056	5.27641	4.80615	4.33606	3.88506	3.46970	3.09756	2.77185
4215160.65	5.61045	5.30176	4.93567	4.53688	4.12967	3.73352	3.35893	3.01575	2.70852
4215140.65	5.16628	4.92035	4.61833	4.28309	3.93194	3.58356	3.24750	2.93231	2.64640
4215120.65	4.76911	4.57182	4.32400	4.04093	3.73971	3.43406	3.13391	2.84718	2.58226
4215100.65	4.41331	4.25634	4.05174	3.81389	3.55447	3.28668	3.01941	2.75987	2.51600
4215080.65	4.09389	3.96805	3.80028	3.60055	3.37720	3.14278	2.90524	2.67112	2.44780
4215060.65	3.80647	3.70566	3.56829	3.39971	3.20842	3.00249	2.79169	2.58179	2.37744
4215040.65	3.54728	3.46662	3.35335	3.21114	3.04584	2.86667	2.67983	2.49137	2.30559
4215020.65	3.31191	3.24854	3.15519	3.03524	2.89312	2.73662	2.57111	2.40145	2.23350

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN ***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	2.30295	2.16619	2.03927	1.92321	1.81806
4215980.65	2.39496	2.24806	2.11387	1.99265	1.88122
4215960.65	2.49040	2.33427	2.19253	2.06585	1.94944
4215940.65	2.59236	2.42663	2.27794	2.14313	2.02129
4215920.65	2.70184	2.52592	2.36849	2.22695	2.09800
4215900.65	2.81994	2.63293	2.46585	2.31680	2.18093
4215880.65	2.95084	2.75134	2.57319	2.41312	2.26844
4215860.65	3.09290	2.87935	2.68869	2.51738	2.36147
4215840.65	3.24724	3.01768	2.81268	2.62719	2.45833
4215820.65	3.41482	3.16668	2.94487	2.74271	2.55962
4215800.65	3.59600	3.32727	3.08378	2.86295	2.66144
4215780.65	3.78974	3.49418	3.22609	2.98274	2.76201
4215760.65	3.99406	3.66393	3.36613	3.09635	2.85251
4215740.65	4.19819	3.82833	3.49601	3.19807	2.92832
4215720.65	4.39186	3.97642	3.60782	3.27803	2.98417
4215700.65	4.55804	4.09443	3.68704	3.33025	3.01642

4215680.65	4.68075	4.17165	3.73290	3.35287	3.02309
4215660.65	4.74974	4.20384	3.74095	3.34694	3.00793
4215640.65	4.76185	4.19286	3.71722	3.31704	2.97804
4215620.65	4.72570	4.14919	3.67220	3.27518	2.93952
4215600.65	4.66406	4.09250	3.62202	3.23166	2.90230
4215580.65	4.59471	4.03494	3.57458	3.19260	2.87016
4215560.65	4.53119	3.98580	3.53413	3.15994	2.84365
4215540.65	4.47478	3.94011	3.49891	3.13152	2.82052
4215520.65	4.41172	3.89033	3.45910	3.09923	2.79336
4215500.65	4.32911	3.82537	3.40729	3.05648	2.75843
4215480.65	4.21549	3.73621	3.33632	2.99849	2.71116
4215460.65	4.06706	3.61972	3.24256	2.92276	2.64872
4215440.65	3.89024	3.47754	3.12746	2.82817	2.57086
4215420.65	3.70016	3.32057	2.99766	2.72040	2.48088
4215400.65	3.51283	3.16186	2.86302	2.60642	2.38347
4215380.65	3.34118	3.01260	2.73338	2.49330	2.28504
4215360.65	3.19083	2.87911	2.61464	2.38773	2.19122
4215340.65	3.06188	2.76291	2.50973	2.29296	2.10554
4215320.65	2.95258	2.66314	2.41852	2.20947	2.02903
4215300.65	2.85979	2.57777	2.33979	2.13679	1.96187
4215280.65	2.78065	2.50475	2.27199	2.07371	1.90315
4215260.65	2.71228	2.44201	2.21365	2.01909	1.85193
4215240.65	2.65091	2.38736	2.16320	1.97192	1.80750
4215220.65	2.59433	2.33775	2.11893	1.93091	1.76896

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN ***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	2.54068	2.29183	2.07912	1.89467	1.73527
4215180.65	2.48999	2.24874	2.04137	1.86183	1.70526
4215160.65	2.44014	2.20727	2.00574	1.83048	1.67799
4215140.65	2.39160	2.16714	1.97191	1.80124	1.65253
4215120.65	2.34212	2.12760	1.93913	1.77334	1.62744
4215100.65	2.29125	2.08750	1.90641	1.74542	1.60346
4215080.65	2.23879	2.04648	1.87338	1.71762	1.57982
4215060.65	2.18416	2.00428	1.83974	1.69008	1.55630
4215040.65	2.12765	1.95989	1.80402	1.66140	1.53273
4215020.65	2.07018	1.91438	1.76785	1.63258	1.50893

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN ***

INCLUDING SOURCE(S): REFILLING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	56.61419	539351.84	4215428.70	61.88701
539361.84	4215428.70	64.68760	539371.84	4215428.70	64.45416
539381.84	4215428.70	61.25912	539341.84	4215438.70	68.03857
539351.84	4215438.70	75.16094	539361.84	4215438.70	78.60642
539371.84	4215438.70	77.57258	539381.84	4215438.70	72.39514
539341.84	4215448.70	83.27355	539351.84	4215448.70	93.26997
539361.84	4215448.70	97.57651	539371.84	4215448.70	95.00630
539381.84	4215448.70	86.50273	539341.84	4215458.70	104.24593
539351.84	4215458.70	118.91889	539361.84	4215458.70	124.32192
539371.84	4215458.70	118.67651	539381.84	4215458.70	104.38264
539341.84	4215468.70	134.20494	539351.84	4215468.70	156.89184
539361.84	4215468.70	163.56896	539371.84	4215468.70	151.45830
539381.84	4215468.70	127.01251	539113.88	4215517.52	4.69848
539096.52	4215515.99	4.12796	539108.26	4215501.18	4.47386
539096.01	4215500.67	4.09201	539108.26	4215486.38	4.41618
539094.47	4215485.36	4.00005	539135.32	4215461.36	5.16712
539150.13	4215439.91	5.44641	539114.39	4215452.68	4.33468
539123.07	4215439.40	4.44810	539159.32	4215421.02	5.49919
539145.02	4215416.43	4.86338	539134.30	4215410.81	4.42875
539131.75	4215425.11	4.53836	539206.80	4215383.75	6.79864
539215.99	4215372.52	6.94277	539188.93	4215382.22	5.87785
539176.17	4215379.67	5.30210	539165.44	4215376.09	4.85404
539248.79	4215356.71	8.80344	539243.45	4215348.45	8.01640
539265.58	4215345.25	9.89625	539260.78	4215338.05	9.07139
539256.25	4215351.38	9.27056	539272.77	4215331.92	9.86514
539264.78	4215324.99	8.81249	539280.77	4215321.79	9.99049
539279.97	4215307.14	9.09320	539287.97	4215313.80	10.08827
539297.83	4215304.74	10.23709	539289.56	4215296.21	9.14509
539311.15	4215287.68	9.94123	539303.69	4215281.28	9.12074
539303.69	4215296.21	10.05847	539314.25	4215271.79	9.10122
539329.09	4215260.48	9.09126	539339.69	4215237.16	8.17928
539357.36	4215232.92	8.42382	539394.11	4215199.70	7.31886

539044.99	4215579.21	2.96274	539034.39	4215591.93	2.78772
539054.88	4215556.59	3.13949	539058.42	4215538.92	3.20953
539054.88	4215520.55	3.14359	539082.44	4215477.44	3.66080
539073.96	4215466.13	3.41779	539098.70	4215440.69	3.78845
539109.30	4215426.56	3.91178	539117.07	4215415.96	3.99923
539125.55	4215401.11	4.05708	539158.77	4215367.19	4.48343
539150.29	4215357.30	4.00162	539184.21	4215339.63	4.71851
539222.37	4215324.79	5.97380	539243.58	4215317.72	7.00999

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN ***

INCLUDING SOURCE(S): REFILLING ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	6.90715	539364.42	4215191.93	6.73391
539344.64	4215200.41	6.70594	539409.65	4215113.48	4.80809
539355.94	4215136.80	5.00053	539262.66	4215288.75	7.20291
539282.44	4215261.19	7.13917	539299.41	4215235.04	6.78199
539168.92	4215647.77	7.61252	538947.70	4216163.58	0.85139
539352.12	4215798.21	7.03124	539367.62	4215566.76	223.86635
539278.26	4215504.64	38.38169	539297.51	4215494.11	56.89472
539323.66	4215486.12	117.14432	539342.55	4215482.85	207.94665
539367.23	4215481.23	230.61155	539397.77	4215487.94	105.65879
539352.73	4215556.41	356.24738	539337.83	4215546.05	400.22827
539322.94	4215535.70	229.18750	539308.05	4215525.35	109.20790
539293.15	4215514.99	60.62259	539287.89	4215499.38	46.59744
539310.58	4215490.12	79.47950	539354.89	4215482.04	250.75096
539382.50	4215484.59	171.02520	539391.74	4215503.70	161.13170
539385.71	4215519.47	269.89850	539379.68	4215535.23	401.94464
539373.65	4215551.00	355.50148			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                              INCLUDING SOURCE(S):   SPIL1   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538745.17   538765.17   538785.17   538805.17   538825.17   538845.17   538865.17
538885.17   538905.17
 -
- - - - - - - -

  4216000.65 | 0.79284   0.83520   0.87927   0.92530   0.97231   1.02064   1.06994
1.12000   1.17027
  4215980.65 | 0.79959   0.84433   0.89165   0.94103   0.99209   1.04502   1.09955
1.15587   1.21290
  4215960.65 | 0.80411   0.85133   0.90150   0.95434   1.00945   1.06707   1.12699
1.18950   1.25360
  4215940.65 | 0.80706   0.85610   0.90876   0.96476   1.02374   1.08601   1.15138
1.21991   1.29164
  4215920.65 | 0.80877   0.85906   0.91361   0.97226   1.03471   1.10137   1.17209
1.24699   1.32622
  4215900.65 | 0.80993   0.86085   0.91636   0.97718   1.04243   1.11291   1.18858
1.26968   1.35642
  4215880.65 | 0.81120   0.86201   0.91828   0.98024   1.04741   1.12084   1.20106
1.28780   1.38135
  4215860.65 | 0.81308   0.86371   0.92000   0.98239   1.05089   1.12625   1.20960
1.30136   1.40135
  4215840.65 | 0.81560   0.86618   0.92224   0.98429   1.05337   1.13032   1.21560
1.31067   1.41528
  4215820.65 | 0.81920   0.86956   0.92538   0.98717   1.05644   1.13362   1.22011
1.31662   1.42458
  4215800.65 | 0.82354   0.87382   0.92947   0.99104   1.06007   1.13744   1.22407
1.32172   1.43097
  4215780.65 | 0.82847   0.87878   0.93414   0.99589   1.06443   1.14120   1.22757
1.32516   1.43481
  4215760.65 | 0.83383   0.88403   0.93975   1.00155   1.06975   1.14639   1.23215
1.32950   1.43953
  4215740.65 | 0.83948   0.88993   0.94585   1.00783   1.07615   1.15210   1.23777
1.33494   1.44475
  4215720.65 | 0.84498   0.89600   0.95225   1.01422   1.08276   1.15886   1.24419
1.34135   1.45159
  4215700.65 | 0.85042   0.90188   0.95859   1.02099   1.08957   1.16599   1.25158
1.34844   1.45931
  4215680.65 | 0.86027   0.90705   0.96400   1.02726   1.09639   1.17335   1.25945
1.35678   1.46807
  4215660.65 | 0.86578   0.91704   0.96839   1.03226   1.10203   1.17965   1.26643
1.36445   1.47643
  4215640.65 | 0.86969   0.92153   0.97833   1.03533   1.10566   1.18392   1.27139
1.37017   1.48237
  4215620.65 | 0.87180   0.92381   0.98097   1.03633   1.10699   1.19409   1.28222
1.37289   1.48572
  4215600.65 | 0.87176   0.92408   0.98157   1.04524   1.11636   1.19550   1.28395
1.38311   1.48579
  4215580.65 | 0.87051   0.92314   0.98097   1.04487   1.11595   1.19504   1.28345
1.38270   1.49461
  4215560.65 | 0.86948   0.92245   0.98058   1.04484   1.11579   1.19472   1.28292
1.38215   1.49452
  4215540.65 | 0.87010   0.92321   0.98193   1.04672   1.11767   1.19657   1.28471
1.38408   1.49718
  4215520.65 | 0.87266   0.92606   0.98524   1.05057   1.12165   1.20067   1.28891

1.38856 1.50245
4215500.65 | 0.87503 0.92902 0.98841 1.05400 1.12499 1.20453 1.29335
1.39302 1.50630
4215480.65 | 0.87502 0.92874 0.98782 1.05242 1.12397 1.20275 1.29064
1.39015 1.50123
4215460.65 | 0.86955 0.92244 0.98060 1.04400 1.11417 1.19214 1.27912
1.37537 1.48357
4215440.65 | 0.85800 0.90965 0.96554 1.02811 1.09738 1.17318 1.25763
1.35213 1.45488
4215420.65 | 0.84191 0.89119 0.94628 1.00699 1.07412 1.14722 1.23000
1.32080 1.41856
4215400.65 | 0.82353 0.87116 0.92446 0.98305 1.04630 1.11759 1.19666
1.28276 1.37451
4215380.65 | 0.80328 0.85010 0.90129 0.95735 1.01746 1.08504 1.15962
1.24027 1.32540
4215360.65 | 0.78339 0.82807 0.87670 0.92840 0.98620 1.04954 1.11923
1.19234 1.27098
4215340.65 | 0.76245 0.80462 0.84910 0.89864 0.95265 1.01183 1.07530
1.14564 1.21981
4215320.65 | 0.74010 0.77957 0.82108 0.86740 0.91665 0.97082 1.03280
1.09844 1.17262
4215300.65 | 0.71654 0.75243 0.79253 0.83649 0.88219 0.93464 0.99373
1.05879 1.13296
4215280.65 | 0.69167 0.72680 0.76545 0.80844 0.85373 0.90477 0.96266
1.02844 1.10509
4215260.65 | 0.66908 0.70358 0.74214 0.78423 0.83035 0.88094 0.93973
1.00568 1.08074
4215240.65 | 0.64962 0.68470 0.72426 0.76762 0.81501 0.86652 0.92359
0.98761 1.05828
4215220.65 | 0.63474 0.67109 0.71075 0.75626 0.80395 0.85604 0.91079
0.97181 1.03593

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1 ***

INCLUDING SOURCE(S): SPIL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4215200.65	0.62469	0.66214	0.70241	0.74750	0.79372	0.84404	0.89563	0.94926	1.00607
4215180.65	0.61827	0.65485	0.69528	0.73826	0.78233	0.82811	0.87536	0.92286	0.97187
4215160.65	0.61247	0.64869	0.68674	0.72626	0.76603	0.80782	0.84972	0.89295	0.93566
4215140.65	0.60683	0.64052	0.67520	0.70984	0.74609	0.78323	0.82158	0.86056	0.89953
4215120.65	0.59883	0.62933	0.66039	0.69122	0.72355	0.75689	0.79072	0.82749	0.86491
4215100.65	0.58795	0.61524	0.64224	0.67056	0.69973	0.73014	0.76140	0.79594	0.83158
4215080.65	0.57456	0.59833	0.62329	0.64897	0.67572	0.70316	0.73348	0.76654	0.80200
4215060.65	0.55946	0.58094	0.60369	0.62735	0.65156	0.67832	0.70747	0.73955	0.77411

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1 ***

INCLUDING SOURCE(S): SPIL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	1.21898	1.26583	1.31003	1.35110	1.38904	1.42438	1.45808	1.49129	1.52526
4215980.65	1.26989	1.32508	1.37802	1.42782	1.47395	1.51650	1.55623	1.59423	1.63203
4215960.65	1.31894	1.38358	1.44642	1.50660	1.56303	1.61513	1.66306	1.70789	1.75106
4215940.65	1.36541	1.44035	1.51402	1.58606	1.65488	1.71914	1.77835	1.83267	1.88355
4215920.65	1.40869	1.49329	1.57890	1.66394	1.74698	1.82606	1.90098	1.96843	2.03030
4215900.65	1.44737	1.54281	1.64053	1.73952	1.83839	1.93482	2.02846	2.11416	2.19153
4215880.65	1.48159	1.58722	1.69749	1.81119	1.92718	2.04310	2.15832	2.26685	2.36633
4215860.65	1.50906	1.62516	1.74761	1.87651	2.01053	2.14838	2.28728	2.42351	2.55222
4215840.65	1.53018	1.65545	1.79029	1.93462	2.08742	2.24788	2.41360	2.58087	2.74364
4215820.65	1.54437	1.67767	1.82369	1.98282	2.15450	2.33751	2.53276	2.73436	2.93699
4215800.65	1.55413	1.69261	1.84756	2.01969	2.20920	2.41552	2.64047	2.87883	3.12470
4215780.65	1.55995	1.70229	1.86327	2.04620	2.25095	2.47995	2.73325	3.00841	3.30346
4215760.65	1.56502	1.70868	1.87432	2.06371	2.28059	2.52755	2.80745	3.11834	3.46128
4215740.65	1.57069	1.71530	1.88224	2.07569	2.29933	2.55985	2.85952	3.20277	3.59123
4215720.65	1.57743	1.72269	1.88996	2.08461	2.31343	2.58118	2.89340	3.26104	3.68767
4215700.65	1.58582	1.73044	1.89849	2.09439	2.32447	2.59546	2.91496	3.29610	3.75095
4215680.65	1.59493	1.73977	1.90798	2.10402	2.33335	2.60644	2.92882	3.31720	3.78825
4215660.65	1.60325	1.74929	1.91793	2.11427	2.34379	2.61720	2.94036	3.33133	3.80956
4215640.65	1.61061	1.75747	1.92689	2.12289	2.35390	2.62768	2.95098	3.34241	3.82273
4215620.65	1.61470	1.76235	1.93170	2.12941	2.36120	2.63423	2.95757	3.34867	3.82852
4215600.65	1.61500	1.76295	1.93262	2.13071	2.36287	2.63621	2.95964	3.35052	3.82956
4215580.65	1.61337	1.76018	1.93026	2.12783	2.35935	2.63183	2.95406		

3.34327 3.81983
4215560.65 | 1.62188 1.75989 1.92934 2.12609 2.35519 2.62731 2.94727
3.33332 3.80535
4215540.65 | 1.62505 1.76493 1.93437 2.12983 2.35964 2.63104 2.94964
3.33347 3.80196
4215520.65 | 1.63097 1.77856 1.94414 2.14008 2.37033 2.64202 2.96047
3.34360 3.81049
4215500.65 | 1.63485 1.78163 1.95030 2.14608 2.37553 2.64426 2.96006
3.33907 3.79964
4215480.65 | 1.62701 1.77177 1.93792 2.13195 2.36198 2.62486 2.93247
3.29994 3.74394
4215460.65 | 1.60585 1.74481 1.90581 2.09394 2.32455 2.57643 2.86923
3.21644 3.63239
4215440.65 | 1.57235 1.70310 1.85675 2.03600 2.23994 2.50196 2.77479
3.09576 3.47729
4215420.65 | 1.52794 1.65081 1.79518 1.95973 2.15244 2.37615 2.62173
2.90950 3.25116
4215400.65 | 1.47655 1.59047 1.72433 1.87639 2.05476 2.26217 2.48887
2.75621 3.07563
4215380.65 | 1.41969 1.52198 1.64573 1.79055 1.95830 2.14993 2.36476
2.61922 2.92192
4215360.65 | 1.35831 1.45619 1.57352 1.71255 1.87489 2.06075 2.26842
2.51097 2.79219
4215340.65 | 1.30311 1.39775 1.51270 1.64957 1.80472 1.98823 2.18494
2.40777 2.65745
4215320.65 | 1.25471 1.35156 1.46594 1.60031 1.74957 1.92081 2.10316
2.29957 2.51956
4215300.65 | 1.21769 1.31419 1.42862 1.55353 1.69414 1.84746 2.00703
2.18029 2.37093
4215280.65 | 1.18913 1.28490 1.38998 1.50625 1.63111 1.76497 1.90337
2.05811 2.23169
4215260.65 | 1.16293 1.25368 1.34845 1.45110 1.56011 1.67449 1.80203
1.94142 2.10083
4215240.65 | 1.13517 1.21446 1.29960 1.38942 1.48534 1.58731 1.70320
1.83497 1.98474
4215220.65 | 1.10283 1.17089 1.24564 1.32527 1.40958 1.50513 1.61313
1.73740 1.87999

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1 ***

INCLUDING SOURCE(S): SPIL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4215200.65	1.06355	1.12504	1.19025	1.26075	1.34050	1.43019	1.53261	1.64885	1.78837
4215180.65	1.02291	1.07685	1.13651	1.20214	1.27745	1.36293	1.45902	1.57321	1.70782
4215160.65	0.98066	1.03034	1.08479	1.14863	1.22071	1.30294	1.39581	1.50631	1.63628
4215140.65	0.94131	0.98825	1.04036	1.10185	1.16990	1.24776	1.33962	1.44665	1.57186
4215120.65	0.90576	0.95095	1.00145	1.05971	1.12585	1.20011	1.28932	1.39281	1.51100

```
  4215100.65 |       0.87203      0.91589      0.96624      1.02173      1.08488      1.15730      1.24382
1.34351      1.45672
  4215080.65 |       0.84134      0.88519      0.93319      0.98745      1.04795      1.11850      1.20211
1.29614      1.40618
  4215060.65 |       0.81344      0.85726      0.90430      0.95641      1.01564      1.08288      1.16334
1.25346      1.35901
  4215040.65 |       0.78710      0.82991      0.87603      0.92815      0.98592      1.05221      1.12966
1.21643      1.31832
  4215020.65 |       0.76308      0.80413      0.85027      0.90116      0.95931      1.02326      1.09782
1.18162      1.28029
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 360
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                               INCLUDING SOURCE(S):     SPIL1       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     539105.17    539125.17    539145.17    539165.17    539185.17    539205.17    539225.17
539245.17    539265.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4216000.65 |       1.56150      1.60098      1.64393      1.69012      1.73875      1.78974      1.84463
1.90627      1.98062
  4215980.65 |       1.67147      1.71402      1.76049      1.81091      1.86435      1.92101      1.98124
2.04858      2.12913
  4215960.65 |       1.79472      1.84097      1.89132      1.94635      2.00552      2.06826      2.13513
2.20923      2.29701
  4215940.65 |       1.93316      1.98419      2.03901      2.09909      2.16442      2.23431      2.30892
2.39101      2.48725
  4215920.65 |       2.08860      2.14627      2.20668      2.27245      2.34460      2.42262      2.50625
2.59782      2.70405
  4215900.65 |       2.26252      2.32994      2.39793      2.47053      2.55032      2.63753      2.73194
2.83454      2.95267
  4215880.65 |       2.45572      2.53782      2.61693      2.69841      2.78702      2.88461      2.99103
3.10767      3.23977
  4215860.65 |       2.66759      2.77168      2.86779      2.96209      3.06161      3.17105      3.29169
3.42438      3.57390
  4215840.65 |       2.89542      3.03145      3.15379      3.26792      3.38265      3.50630      3.64341
3.79536      3.96588
  4215820.65 |       3.13232      3.31437      3.47632      3.62192      3.75984      3.90248      4.05919
4.23426      4.43090
  4215800.65 |       3.37326      3.61361      3.83334      4.02807      4.20394      4.37474      4.55651
4.75946      4.98903
  4215780.65 |       3.60950      3.91921      4.21558      4.48572      4.72356      4.94077      5.15845
5.39661      5.66695
  4215760.65 |       3.83079      4.22010      4.61076      4.98683      5.32150      5.61738      5.89313
6.18040      6.50289
  4215740.65 |       4.02568      4.49930      5.00219      5.51048      5.98606      6.41111      6.78727
7.15358      7.55141
  4215720.65 |       4.18091      4.74414      5.36754      6.03350      6.69848      7.32390      7.87651
8.37611      8.88537
  4215700.65 |       4.29362      4.93719      5.68181      6.51783      7.41810      8.32650      9.17831
9.92016     10.62363
  4215680.65 |       4.36415      5.07040      5.92284      6.93073      8.09296      9.36104     10.65679
11.85462     12.91557
  4215660.65 |       4.40316      5.14893      6.07745      7.23645      8.65160     10.32785     12.21915
14.15206     15.92249
  4215640.65 |       4.42317      5.18464      6.16262      7.42428      9.04697     11.11757     13.68089
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16.65622   19.72908
  4215620.65 | 4.43253   5.19968   6.19685   7.51193   9.26714   11.64788   14.85451
19.03818   24.08991
  4215600.65 | 4.42924   5.19864   6.19862   7.53012   9.34289   11.89529   15.55861
20.84603   28.30134
  4215580.65 | 4.41588   5.18039   6.17407   7.49323   9.31683   11.92007   15.79444
21.78498   31.32811
  4215560.65 | 4.39496   5.15036   6.12521   7.42992   9.22652   11.80035   15.65893
21.85750   32.42515
  4215540.65 | 4.38608   5.13296   6.09391   7.37613   9.13507   11.63253   15.39902
21.44316   31.90550
  4215520.65 | 4.39159   5.12854   6.08399   7.34820   9.07346   11.50533   15.14599
20.88771   30.74179
  4215500.65 | 4.37098   5.09696   6.02836   7.25178   8.89525   11.20711   14.58824
19.79172   28.40180
  4215480.65 | 4.29096   4.98035   5.85528   6.98204   8.48836   10.55787   13.51118
17.90970   24.86388
  4215460.65 | 4.13996   4.77320   5.56756   6.57787   7.91182   9.71593   12.23098
15.81836   21.16630
  4215440.65 | 3.93976   4.51390   5.22579   6.13741   7.32094   8.88352   10.96114
13.82098   17.95918
  4215420.65 | 3.67242   4.25645   4.90719   5.72841   6.76406   8.06706   9.75718
12.03876   15.39721
  4215400.65 | 3.47044   3.96109   4.61481   5.33362   6.20773   7.27913   8.66799
10.58887   13.43057
  4215380.65 | 3.28924   3.74013   4.31989   4.92858   5.65282   6.56151   7.76293
9.45460   11.90230
  4215360.65 | 3.12148   3.51173   3.96017   4.52548   5.15258   5.95465   7.03601
8.53756   10.63367
  4215340.65 | 2.94140   3.27348   3.65705   4.10740   4.72441   5.45697   6.43822
7.77956   9.54361
  4215320.65 | 2.76380   3.04720   3.38091   3.78912   4.31709   5.05067   5.95254
7.13438   8.59754
  4215300.65 | 2.59041   2.84053   3.14705   3.52111   4.01488   4.70236   5.52382
6.55823   7.76900
  4215280.65 | 2.42747   2.65936   2.94205   3.29538   3.76578   4.40258   5.14461
6.03736   7.03023
  4215260.65 | 2.28762   2.50748   2.77232   3.10255   3.54284   4.10221   4.79579
5.56410   6.37782
  4215240.65 | 2.16215   2.37246   2.62587   2.93937   3.35078   3.86222   4.47567
5.13033   5.80212
  4215220.65 | 2.04987   2.25154   2.49731   2.79837   3.17706   3.64221   4.18025
4.73376   5.29094

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                               INCLUDING SOURCE(S):   SPIL1   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
 -
- - - - - - - -

  4215200.65 | 1.95182   2.14842   2.38241   2.67026   3.02209   3.43867   3.90463
4.37466   4.84010
  4215180.65 | 1.86513   2.05296   2.27819   2.54896   2.87435   3.24907   3.64795
4.04979   4.44187

  4215160.65 | 1.78729   1.96908   2.18568   2.44009   2.73957   3.07167   3.41848
3.75607   4.08936
  4215140.65 | 1.71637   1.89196   2.09720   2.33823   2.61216   2.90526   3.20492
3.50094   3.79414
  4215120.65 | 1.65107   1.81824   2.01503   2.24218   2.48910   2.74898   3.00934
3.26386   3.51844
  4215100.65 | 1.59057   1.75223   1.93831   2.14898   2.37421   2.60226   2.82790
3.04914   3.27264
  4215080.65 | 1.53439   1.68872   1.86621   2.06222   2.26331   2.46462   2.66082
2.85441   3.05186
  4215060.65 | 1.48405   1.63140   1.79800   1.97904   2.15910   2.33565   2.50766
2.67753   2.85337
  4215040.65 | 1.43711   1.57748   1.73304   1.89683   2.05817   2.21432   2.36589
2.51662   2.67435
  4215020.65 | 1.39480   1.52641   1.67083   1.81851   1.96206   2.10046   2.23471
2.36940   2.51243

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                                INCLUDING SOURCE(S):   SPIL1   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539285.17   539305.17   539325.17   539345.17   539365.17   539385.17   539405.17
539425.17   539445.17
 -
- - - - - - - -

  4216000.65 | 2.07175   2.18370   2.31621   2.46765   2.63470   2.81041   2.97959
3.12838   3.24238
  4215980.65 | 2.22849   2.35102   2.49765   2.66594   2.85305   3.04939   3.23762
3.39873   3.51674
  4215960.65 | 2.40522   2.53975   2.70262   2.89135   3.10109   3.32034   3.52883
3.70406   3.82453
  4215940.65 | 2.60559   2.75384   2.93475   3.14730   3.38457   3.63048   3.86344
4.05378   4.17462
  4215920.65 | 2.83414   2.99816   3.20087   3.44072   3.70945   3.98777   4.24706
4.45287   4.57242
  4215900.65 | 3.09651   3.27882   3.50708   3.77944   4.08710   4.40230   4.69341
4.91270   5.02613
  4215880.65 | 3.39990   3.60300   3.86126   4.17349   4.52810   4.89107   5.21452
5.44563   5.54105
  4215860.65 | 3.75312   3.98066   4.27443   4.63587   5.04943   5.46806   5.83009
6.06697   6.13512
  4215840.65 | 4.16826   4.42647   4.76203   5.18375   5.66810   6.15591   6.56080
6.79611   6.81708
  4215820.65 | 4.66256   4.95642   5.34501   5.84014   6.41493   6.98495   7.43327
7.65741   7.60955
  4215800.65 | 5.25715   5.59608   6.04746   6.63630   7.32319   7.99639   8.49263
8.68179   8.52951
  4215780.65 | 5.98274   6.37845   6.91083   7.61790   8.44932   9.24724   9.78885
9.91305   9.60509
  4215760.65 | 6.87926   7.34880   7.98615   8.84736   9.86846   10.82139   11.39378
11.40237   10.85989
  4215740.65 | 8.00765   8.57421   9.34651   10.41185   11.68570   12.83017   13.40638
13.20375   12.32654
  4215720.65 | 9.45781   10.15490   11.10816   12.45178   14.07132   15.45089   15.96895
15.40192   14.04489
  4215700.65 | 11.36596   12.24743   13.45041   15.18456   17.28926   18.94834   19.26314

18.09913   16.06692
  4215680.65 | 13.93876   15.10497   16.66786   18.97287   21.78094   23.74660   23.56916
21.42243   18.46645
  4215660.65 | 17.50933   19.13687   21.26871   24.45363   28.32142   30.54474   29.29921
25.55687   21.35393
  4215640.65 | 22.50948   25.08247   28.14436   32.82098   38.36828   40.53480   37.02571
30.75964   24.88443
  4215620.65 | 29.40300   34.23233   39.25144   46.53867   54.89544   55.84744   47.64157
37.40978   29.24921
  4215600.65 | 37.98649   48.46981   58.50839   71.39525   84.69506   80.47113   62.44835
45.96102   34.39963
  4215580.65 | 46.61765   68.90782   94.95799   124.05420   145.75178   122.14781   83.18010
56.25699   39.44954
  4215560.65 | 52.16468   91.08288   162.62068   264.61230   298.78297   194.28279   108.77107
65.33079   42.42493
  4215540.65 | 52.65256   102.04684   250.26219   0.00000   0.00000   288.66779   125.37707
67.92970   42.22647
  4215520.65 | 49.87039   95.42047   254.65196   0.00000   0.00000   290.83233   117.17156
63.52152   39.84121
  4215500.65 | 44.21094   77.92228   172.06539   476.51340   514.85437   209.48350   95.51132
54.98812   35.80135
  4215480.65 | 36.60802   59.12937   111.23605   209.95365   238.02887   147.96747   77.80228
46.31371   31.14031
  4215460.65 | 29.76366   45.53176   75.62058   116.87634   132.62531   103.61221   64.83734
40.34176   27.37318
  4215440.65 | 24.56015   36.09137   54.13994   74.25975   83.48543   73.43201   53.39710
35.86275   24.76245
  4215420.65 | 20.72090   29.09749   40.27373   51.42277   57.26291   53.70509   43.32971
31.71202   22.68798
  4215400.65 | 17.76015   23.80640   30.97389   37.79521   41.73242   40.64469   35.10856
27.67575   20.80612
  4215380.65 | 15.36020   19.72581   24.51867   28.97444   31.79051   31.69012   28.66820
23.92060   18.90137
  4215360.65 | 13.36158   16.54739   19.88701   22.98839   25.05972   25.32268   23.65232
20.60894   17.02610
  4215340.65 | 11.68424   14.03202   16.45970   18.71858   20.30135   20.69340   19.76953
17.78452   15.22869
  4215320.65 | 10.27052   12.05509   13.85855   15.55088   16.76976   17.20427   16.70912
15.40742   13.58447
  4215300.65 | 9.08359   10.45274   11.83831   13.13341   14.11060   14.53024   14.28405
13.42533   12.11810
  4215280.65 | 8.07690   9.14799   10.23832   11.26025   12.05007   12.43774   12.33179
11.76505   10.82346
  4215260.65 | 7.22034   8.07380   8.94327   9.77174   10.41998   10.77065   10.75188
10.37951   9.69891
  4215240.65 | 6.48442   7.18021   7.89054   8.56837   9.10751   9.41675   9.45380
9.21650   8.72350
  4215220.65 | 5.85360   6.42964   7.01861   7.58110   8.03039   8.31066   8.37998
8.22701   7.87339

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                               INCLUDING SOURCE(S):   SPIL1   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539285.17   539305.17   539325.17   539345.17   539365.17   539385.17   539405.17
539425.17   539445.17
 -

4.77070   4.36069
  4215740.65 | 11.10220   9.83736   8.69267   7.71808   6.89486   6.19785   5.59779
5.07634   4.61956
  4215720.65 | 12.40015   10.83953   9.49948   8.38654   7.45679   6.66669   5.98816
5.39734   4.87847
  4215700.65 | 13.90146   11.99994   10.42947   9.14792   8.08062   7.17330   6.39266
5.71251   5.11671
  4215680.65 | 15.66577   13.35776   11.50775   10.00436   8.75475   7.69180   6.77937
5.99029   5.30770
  4215660.65 | 17.77375   14.96271   12.73649   10.93304   9.43405   8.17105   7.10211
6.19557   5.42851
  4215640.65 | 20.30828   16.80710   14.05583   11.83876   10.02759   8.53726   7.31066
6.29975   5.46669
  4215620.65 | 23.26215   18.76431   15.28774   12.56496   10.42304   8.72601   7.37709
6.29797   5.42990
  4215600.65 | 26.30324   20.45512   16.15237   12.95473   10.55593   8.72972   7.32194
6.22110   5.34973
  4215580.65 | 28.60133   21.38132   16.43677   12.96301   10.45590   8.60141   7.19745
6.11368   5.25818
  4215560.65 | 29.35508   21.38976   16.23210   12.72862   10.24924   8.43382   7.06758
6.01158   5.17923
  4215540.65 | 28.72568   20.85876   15.82541   12.43191   10.03426   8.27694   6.95149
5.92475   5.11346
  4215520.65 | 27.34053   20.02237   15.30946   12.08682   9.79538   8.10756   6.82697
5.83200   5.04317
  4215500.65 | 25.22070   18.76824   14.52792   11.58189   9.45082   7.86494   6.65152
5.70218   4.94615
  4215480.65 | 22.50475   17.09673   13.43847   10.85091   8.95287   7.51175   6.39526
5.51286   4.80265
  4215460.65 | 20.01364   15.37381   12.23734   9.98877   8.33488   7.06313   6.06094
5.26003   4.60906
  4215440.65 | 18.14799   13.96911   11.16236   9.17593   7.70209   6.58188   5.68637
4.96647   4.37763
  4215420.65 | 16.77215   12.92119   10.32915   8.50264   7.15393   6.12827   5.32288
4.66867   4.13354
  4215400.65 | 15.64758   12.11565   9.69465   7.97624   6.71501   5.75505   5.00065
4.39737   3.90249
  4215380.65 | 14.63934   11.46518   9.20243   7.56990   6.36735   5.44959   4.73405
4.16341   3.69972
  4215360.65 | 13.63009   10.86622   8.78375   7.24141   6.08586   5.20418   4.51437
3.96782   3.52645
  4215340.65 | 12.60012   10.28007   8.40277   6.95647   5.85660   5.00448   4.33756
3.80685   3.38065
  4215320.65 | 11.57342   9.67052   8.02032   6.69268   5.65150   4.83663   4.19151
3.67739   3.26227
  4215300.65 | 10.58423   9.04779   7.63460   6.43686   5.46324   4.68651   4.06697
3.56918   3.16364
  4215280.65 | 9.65815   8.42235   7.23688   6.17793   5.28151   4.54961   3.95744
3.47573   3.08036
  4215260.65 | 8.80364   7.82002   6.83203   5.91113   5.09925   4.41733   3.85338
3.38989   3.00765
  4215240.65 | 8.03749   7.25126   6.42858   5.63687   4.91252   4.28371   3.75269
3.30901   2.94016
  4215220.65 | 7.35031   6.71861   6.03753   5.35886   4.72015   4.14782   3.65009
3.22938   2.87510

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                                INCLUDING SOURCE(S):   SPIL1   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	6.73285	6.22503	5.66177	5.08195	4.52325	4.00823	3.54797	3.15066	2.81178
4215180.65	6.17923	5.77293	5.30314	4.81063	4.32434	3.86338	3.44364	3.07169	2.74919
4215160.65	5.68315	5.35625	4.96805	4.54838	4.12467	3.71735	3.33657	2.99151	2.68579
4215140.65	5.23506	4.97535	4.65480	4.30053	3.93313	3.57283	3.22925	2.91048	2.62433
4215120.65	4.83353	4.62611	4.36312	4.06314	3.74642	3.42850	3.11990	2.82830	2.56163
4215100.65	4.47319	4.30903	4.09228	3.83980	3.56597	3.28596	3.00961	2.74421	2.49738
4215080.65	4.14926	4.01855	3.84127	3.62911	3.39269	3.14646	2.89953	2.65881	2.43157
4215060.65	3.85750	3.75358	3.60892	3.43000	3.22712	3.01006	2.78984	2.57284	2.36381
4215040.65	3.59420	3.51176	3.39307	3.24239	3.06698	2.87758	2.68154	2.48570	2.29466
4215020.65	3.35500	3.29086	3.19358	3.06681	2.91602	2.75028	2.57603	2.39892	2.22529

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1 ***

INCLUDING SOURCE(S): SPIL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	2.29850	2.16002	2.03282	1.91746	1.81348
4215980.65	2.38889	2.24108	2.10734	1.98726	1.87717
4215960.65	2.48314	2.32700	2.18634	2.06101	1.94577
4215940.65	2.58440	2.41952	2.27230	2.13885	2.01777
4215920.65	2.69377	2.51935	2.36349	2.22294	2.09430
4215900.65	2.81229	2.62709	2.46131	2.31273	2.17682
4215880.65	2.94379	2.74598	2.56870	2.40883	2.26419
4215860.65	3.08644	2.87420	2.68409	2.51310	2.35787
4215840.65	3.24120	3.01265	2.80837	2.62398	2.45688
4215820.65	3.40920	3.16232	2.94209	2.74225	2.56192
4215800.65	3.59158	3.32504	3.08453	2.86711	2.66894
4215780.65	3.78849	3.49663	3.23262	2.99302	2.77513
4215760.65	3.99885	3.67360	3.37995	3.11305	2.87059
4215740.65	4.21203	3.84661	3.51690	3.21968	2.94925
4215720.65	4.41571	4.00221	3.63323	3.30153	3.00476
4215700.65	4.58951	4.12387	3.71283	3.35155	3.03314
4215680.65	4.71375	4.19870	3.75366	3.36783	3.03303
4215660.65	4.77606	4.22213	3.75233	3.35272	3.00954
4215640.65	4.77451	4.19823	3.71718	3.31316	2.97154
4215620.65	4.72222	4.14152	3.66196	3.26341	2.92712

4215600.65	4.64748	4.07551	3.60531	3.21551	2.88700
4215580.65	4.57259	4.01494	3.55649	3.17610	2.85516
4215560.65	4.51139	3.96850	3.51908	3.14648	2.83157
4215540.65	4.46220	3.92936	3.48953	3.12308	2.81292
4215520.65	4.40804	3.88719	3.45626	3.09649	2.79084
4215500.65	4.33276	3.82862	3.41003	3.05874	2.76031
4215480.65	4.22270	3.74299	3.34246	3.00404	2.71607
4215460.65	4.07261	3.62589	3.24901	2.92909	2.65477
4215440.65	3.88890	3.47890	3.13067	2.83251	2.57574
4215420.65	3.68881	3.31405	2.99471	2.72001	2.48222
4215400.65	3.49218	3.14694	2.85276	2.59976	2.37970
4215380.65	3.31435	2.99112	2.71658	2.48062	2.27583
4215360.65	3.16113	2.85381	2.59352	2.37047	2.17741
4215340.65	3.03139	2.73622	2.48646	2.27301	2.08865
4215320.65	2.92250	2.63631	2.39469	2.18853	2.01069
4215300.65	2.83111	2.55154	2.31611	2.11571	1.94311
4215280.65	2.75441	2.47992	2.24899	2.05290	1.88446
4215260.65	2.68907	2.41943	2.19199	1.99896	1.83354
4215240.65	2.63053	2.36753	2.14361	1.95299	1.78971
4215220.65	2.57576	2.32049	2.10185	1.91380	1.75227

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1 ***

INCLUDING SOURCE(S): SPIL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	2.52269	2.27629	2.06438	1.87985	1.72021
4215180.65	2.47156	2.23375	2.02824	1.84916	1.69231
4215160.65	2.42091	2.19187	1.99319	1.81933	1.66702
4215140.65	2.37177	2.15083	1.95899	1.79068	1.64298
4215120.65	2.32231	2.11042	1.92529	1.76249	1.61851
4215100.65	2.27215	2.06991	1.89158	1.73371	1.59434
4215080.65	2.22096	2.02905	1.85785	1.70489	1.56994
4215060.65	2.16804	1.98757	1.82399	1.67648	1.54540
4215040.65	2.11350	1.94433	1.78858	1.64733	1.52088
4215020.65	2.05817	1.90026	1.75311	1.61846	1.49642

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1 ***

INCLUDING SOURCE(S): SPIL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC

- - - - - - -

539341.84	4215428.70	57.09385	539351.84	4215428.70	62.66015
539361.84	4215428.70	65.71949	539371.84	4215428.70	65.58078
539381.84	4215428.70	62.30431	539341.84	4215438.70	68.63209
539351.84	4215438.70	76.15622	539361.84	4215438.70	79.91375
539371.84	4215438.70	78.97546	539381.84	4215438.70	73.64145
539341.84	4215448.70	84.08734	539351.84	4215448.70	94.62939
539361.84	4215448.70	99.34653	539371.84	4215448.70	96.82409
539381.84	4215448.70	87.98137	539341.84	4215458.70	105.39902
539351.84	4215458.70	120.86987	539361.84	4215458.70	126.81221
539371.84	4215458.70	121.07521	539381.84	4215458.70	106.17254
539341.84	4215468.70	135.91026	539351.84	4215468.70	159.81657
539361.84	4215468.70	167.16481	539371.84	4215468.70	154.69282
539381.84	4215468.70	129.13734	539113.88	4215517.52	4.69020
539096.52	4215515.99	4.12155	539108.26	4215501.18	4.47530
539096.01	4215500.67	4.09336	539108.26	4215486.38	4.42107
539094.47	4215485.36	4.00459	539135.32	4215461.36	5.16147
539150.13	4215439.91	5.41979	539114.39	4215452.68	4.32835
539123.07	4215439.40	4.43035	539159.32	4215421.02	5.47528
539145.02	4215416.43	4.83995	539134.30	4215410.81	4.40685
539131.75	4215425.11	4.51288	539206.80	4215383.75	6.75302
539215.99	4215372.52	6.87512	539188.93	4215382.22	5.85293
539176.17	4215379.67	5.28617	539165.44	4215376.09	4.84277
539248.79	4215356.71	8.70391	539243.45	4215348.45	7.92453
539265.58	4215345.25	9.82353	539260.78	4215338.05	9.00122
539256.25	4215351.38	9.17929	539272.77	4215331.92	9.81915
539264.78	4215324.99	8.76221	539280.77	4215321.79	9.96208
539279.97	4215307.14	9.07100	539287.97	4215313.80	10.06749
539297.83	4215304.74	10.21906	539289.56	4215296.21	9.12744
539311.15	4215287.68	9.92834	539303.69	4215281.28	9.10408
539303.69	4215296.21	10.04155	539314.25	4215271.79	9.09166
539329.09	4215260.48	9.10515	539339.69	4215237.16	8.21142
539357.36	4215232.92	8.49015	539394.11	4215199.70	7.41105
539044.99	4215579.21	2.95038	539034.39	4215591.93	2.77679
539054.88	4215556.59	3.12442	539058.42	4215538.92	3.19580

539054.88	4215520.55	3.13661	539082.44	4215477.44	3.66501
539073.96	4215466.13	3.42069	539098.70	4215440.69	3.77878
539109.30	4215426.56	3.89170	539117.07	4215415.96	3.97564
539125.55	4215401.11	4.03904	539158.77	4215367.19	4.47175
539150.29	4215357.30	4.02740	539184.21	4215339.63	4.67457
539222.37	4215324.79	5.90165	539243.58	4215317.72	6.94437

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1 ***

INCLUDING SOURCE(S): SPIL1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	6.97424	539364.42	4215191.93	6.79152
539344.64	4215200.41	6.73846	539409.65	4215113.48	4.86605
539355.94	4215136.80	5.03282	539262.66	4215288.75	7.17732
539282.44	4215261.19	7.12424	539299.41	4215235.04	6.76578
539168.92	4215647.77	7.63571	538947.70	4216163.58	0.84800
539352.12	4215798.21	6.98299	539367.62	4215566.76	230.19466
539278.26	4215504.64	38.51690	539297.51	4215494.11	57.14580
539323.66	4215486.12	117.68825	539342.55	4215482.85	211.41976
539367.23	4215481.23	236.39826	539397.77	4215487.94	106.18766
539352.73	4215556.41	366.96422	539337.83	4215546.05	411.26454
539322.94	4215535.70	232.75223	539308.05	4215525.35	110.21944
539293.15	4215514.99	61.00298	539287.89	4215499.38	46.80608
539310.58	4215490.12	79.74315	539354.89	4215482.04	256.89386
539382.50	4215484.59	173.77726	539391.74	4215503.70	163.22732
539385.71	4215519.47	277.43985	539379.68	4215535.23	417.27914
539373.65	4215551.00	368.14555			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000341 , L0000342 , L0000343 , L0000344 , L0000345 ,
L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	9.24479	9.11964	8.88491	8.58451	8.23557	7.87957	7.52752	7.18810	6.86385
4215980.65	8.06155	8.03080	7.89746	7.69806	7.44017	7.16410	6.88194	6.58568	6.30157
4215960.65	7.08862	7.12865	7.06893	6.93406	6.74511	6.53021	6.30175	6.07631	5.81716
4215940.65	6.29656	6.37238	6.36078	6.28104	6.14618	5.98036	5.79536	5.60204	5.40541
4215920.65	5.63363	5.72970	5.75778	5.71243	5.61996	5.49421	5.34568	5.18476	5.01791
4215900.65	5.08606	5.18934	5.22775	5.22432	5.16836	5.07886	4.96428	4.81096	4.66921
4215880.65	4.61158	4.72984	4.78182	4.78667	4.75548	4.69185	4.60476	4.49758	4.35465
4215860.65	4.22241	4.32186	4.38153	4.41506	4.39009	4.34692	4.28048	4.19519	4.07283
4215840.65	3.86775	3.98695	4.04694	4.07042	4.07838	4.03826	3.98869	3.92028	3.81459
4215820.65	3.58394	3.67471	3.73611	3.78456	3.78500	3.77565	3.72375	3.66847	3.59683
4215800.65	3.31378	3.42275	3.48082	3.51213	3.53895	3.52124	3.48150	3.43965	3.37979
4215780.65	3.10010	3.17783	3.25594	3.28859	3.29839	3.30649	3.27486	3.24417	3.19614
4215760.65	2.88716	2.98219	3.03488	3.06860	3.10125	3.11456	3.08909	3.06693	3.02867
4215740.65	2.72104	2.78613	2.85801	2.89061	2.92465	2.93988	2.92074	2.90477	2.87346
4215720.65	2.54889	2.63166	2.67842	2.72958	2.74527	2.76382	2.76657	2.75486	2.71596
4215700.65	2.39440	2.47196	2.53512	2.56580	2.60001	2.61932	2.62400	2.61486	2.58368
4215680.65	2.25458	2.32722	2.38701	2.43364	2.46614	2.48503	2.49056	2.47570	2.45907
4215660.65	2.12755	2.19558	2.25230	2.29748	2.33004	2.35045	2.35879	2.35548	2.33504
4215640.65	2.01176	2.07504	2.12921	2.17279	2.20510	2.22655	2.23709	2.23701	2.22661
4215620.65	1.90528	1.96513	2.01643	2.05834	2.09016	2.11217	2.12444	2.12708	2.12011
4215600.65	1.80815	1.86427	1.91281	1.95287	1.98407	2.00656	2.02014	2.02489	2.02086
4215580.65	1.71879	1.77145	1.81740	1.85576	1.88618	1.90879	1.92335	1.92986	1.92828
4215560.65	1.63637	1.68583	1.72902	1.76602	1.79558	1.81812	1.83339	1.84132	1.84180
4215540.65	1.56015	1.60625	1.64753	1.68292	1.71156	1.73390	1.74964	1.75871	1.76093
4215520.65	1.48951	1.53288	1.57199	1.60582	1.63351	1.65553	1.67157	1.68154	1.68520
4215500.65	1.42340	1.46473	1.50181	1.53415	1.56088	1.58265	1.59893		

1.60950 1.61423
4215480.65 | 1.36233 1.40132 1.43649 1.46717 1.49336 1.51463 1.53091
1.54199 1.54762
4215460.65 | 1.30537 1.34220 1.37559 1.40490 1.43016 1.45105 1.46730
1.47865 1.48504
4215440.65 | 1.25216 1.28698 1.31838 1.34671 1.37124 1.39155 1.40762
1.41919 1.42619
4215420.65 | 1.20235 1.23493 1.26516 1.29225 1.31589 1.33567 1.35161
1.36331 1.37079
4215400.65 | 1.15565 1.18651 1.21529 1.24121 1.26379 1.28321 1.29894
1.31074 1.31861
4215380.65 | 1.11138 1.14108 1.16848 1.19329 1.21504 1.23391 1.24938
1.26122 1.26938
4215360.65 | 1.07017 1.09837 1.12449 1.14798 1.16918 1.18751 1.20270
1.21446 1.22285
4215340.65 | 1.03137 1.05818 1.08277 1.10558 1.12601 1.14378 1.15856
1.17035 1.17888
4215320.65 | 0.99479 1.02030 1.04376 1.06563 1.08507 1.10217 1.11685
1.12847 1.13720
4215300.65 | 0.96025 0.98420 1.00696 1.02793 1.04639 1.06299 1.07722
1.08874 1.09758
4215280.65 | 0.92723 0.95044 0.97221 0.99232 1.01008 1.02592 1.03963
1.05102 1.06006
4215260.65 | 0.89635 0.91851 0.93933 0.95836 0.97548 0.99057 1.00396
1.01518 1.02426
4215240.65 | 0.86710 0.88827 0.90821 0.92647 0.94295 0.95754 0.97031
0.98134 0.99039
4215220.65 | 0.83936 0.85960 0.87841 0.89625 0.91212 0.92645 0.93885
0.94982 0.95873

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1
***
INCLUDING SOURCE(S): L0000341 , L0000342 , L0000343 , L0000344 ,
L0000345 ,
L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 538745.17 538765.17 538785.17 538805.17 538825.17 538845.17 538865.17
538885.17 538905.17
- -
- - - - - - - -

4215200.65 | 0.81303 0.83240 0.85043 0.86758 0.88286 0.89694 0.90918
0.91967 0.92844
4215180.65 | 0.78801 0.80624 0.82385 0.84034 0.85531 0.86890 0.88096
0.89117 0.89963
4215160.65 | 0.76387 0.78168 0.79859 0.81446 0.82889 0.84224 0.85392
0.86403 0.87218
4215140.65 | 0.74122 0.75830 0.77455 0.78956 0.80374 0.81666 0.82818
0.83802 0.84602
4215120.65 | 0.71963 0.73603 0.75166 0.76611 0.77979 0.79229 0.80330
0.81308 0.82107
4215100.65 | 0.69904 0.71480 0.72956 0.74375 0.75696 0.76906 0.77974
0.78929 0.79712
4215080.65 | 0.67939 0.69425 0.70874 0.72243 0.73518 0.74669 0.75726
0.76657 0.77438
4215060.65 | 0.66062 0.67491 0.68887 0.70206 0.71416 0.72552 0.73578
0.74485 0.75251

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
 -
- - - - - - - -

  4216000.65 | 6.51910   6.20071   5.87816   5.55218   5.22285   4.88834   4.55525
4.21661   3.88094
  4215980.65 | 6.02460   5.72150   5.43215   5.14182   4.84858   4.55351   4.25826
3.95836   3.66092
  4215960.65 | 5.56856   5.32374   5.06903   4.81093   4.54836   4.25681   3.99172
3.72620   3.46097
  4215940.65 | 5.17508   4.94795   4.72119   4.49045   4.25529   4.01566   3.75446
3.51654   3.27868
  4215920.65 | 4.83759   4.62491   4.41041   4.20383   3.99274   3.77740   3.56234
3.32636   3.11089
  4215900.65 | 4.51490   4.34619   4.14816   3.96604   3.77841   3.58563   3.36815
3.17155   2.95813
  4215880.65 | 4.22276   4.07962   3.91694   3.75336   3.58330   3.40741   3.21305
3.01215   2.83317
  4215860.65 | 3.95612   3.83076   3.69476   3.55156   3.40164   3.24597   3.06519
2.88671   2.70363
  4215840.65 | 3.71435   3.60366   3.48324   3.35529   3.22048   3.07995   2.93418
2.76489   2.58350
  4215820.65 | 3.51070   3.39560   3.28921   3.17500   3.05381   2.92645   2.79477
2.65828   2.48944
  4215800.65 | 3.30667   3.22228   3.12816   3.02550   2.91528   2.79848   2.66540
2.54120   2.41354
  4215780.65 | 3.13515   3.04529   2.96266   2.87180   2.77287   2.66755   2.54522
2.43187   2.31524
  4215760.65 | 2.96027   2.89779   2.82515   2.72908   2.64061   2.54541   2.43320
2.32961   2.22282
  4215740.65 | 2.81504   2.76057   2.68253   2.60992   2.51700   2.43119   2.33959
2.23360   2.13576
  4215720.65 | 2.67947   2.61940   2.56273   2.48569   2.40159   2.32411   2.24095
2.15329   2.06217
  4215700.65 | 2.54098   2.50015   2.43899   2.36962   2.30520   2.22353   2.14812
2.06822   1.98477
  4215680.65 | 2.42360   2.37797   2.33381   2.27224   2.20356   2.13942   2.06986
1.99570   1.91787
  4215660.65 | 2.31224   2.27356   2.22594   2.17038   2.11795   2.05041   1.98745
1.91990   1.84861
  4215640.65 | 2.20164   2.16745   2.13286   2.08406   2.02819   1.97499   1.91676
1.85393   1.78735
  4215620.65 | 2.10386   2.07527   2.03863   2.00113   1.95149   1.89604   1.84340
1.78618   1.72517
  4215600.65 | 2.00812   1.98283   1.95585   1.91717   1.87196   1.82798   1.77916

1.72586   1.66882
  4215580.65 | 1.91856   1.90119   1.87303   1.84280   1.80284   1.75744   1.71332
1.66478   1.61252
  4215560.65 | 1.83476   1.82038   1.79905   1.76864   1.73631   1.69563   1.65464
1.60939   1.56053
  4215540.65 | 1.75613   1.74444   1.72617   1.70195   1.66991   1.63258   1.59552
1.55429   1.50949
  4215520.65 | 1.68233   1.67301   1.65746   1.63625   1.60946   1.57628   1.54179
1.50333   1.46145
  4215500.65 | 1.61295   1.60574   1.59276   1.57411   1.55026   1.52194   1.48984
1.45399   1.41488
  4215480.65 | 1.54775   1.54234   1.53149   1.51528   1.49411   1.46863   1.43951
1.40673   1.37076
  4215460.65 | 1.48634   1.48253   1.47357   1.45954   1.44079   1.41790   1.39151
1.36156   1.32848
  4215440.65 | 1.42847   1.42605   1.41877   1.40670   1.39031   1.36961   1.34570
1.31835   1.28796
  4215420.65 | 1.37394   1.37268   1.36688   1.35668   1.34214   1.32360   1.30197
1.27701   1.24910
  4215400.65 | 1.32246   1.32220   1.31770   1.30906   1.29631   1.27974   1.26019
1.23744   1.21180
  4215380.65 | 1.27381   1.27441   1.27111   1.26382   1.25269   1.23806   1.22039
1.19963   1.17608
  4215360.65 | 1.22777   1.22912   1.22683   1.22081   1.21113   1.19813   1.18219
1.16330   1.14170
  4215340.65 | 1.18420   1.18617   1.18478   1.17988   1.17161   1.15999   1.14564
1.12846   1.10867
  4215320.65 | 1.14284   1.14542   1.14481   1.14091   1.13382   1.12355   1.11056
1.09497   1.07678
  4215300.65 | 1.10358   1.10665   1.10680   1.10381   1.09776   1.08872   1.07707
1.06283   1.04619
  4215280.65 | 1.06629   1.06986   1.07057   1.06841   1.06333   1.05541   1.04498
1.03198   1.01667
  4215260.65 | 1.03083   1.03487   1.03610   1.03465   1.03043   1.02359   1.01414
1.00237   0.98837
  4215240.65 | 0.99725   1.00147   1.00326   1.00242   0.99899   0.99305   0.98465
0.97392   0.96114
  4215220.65 | 0.96544   0.96975   0.97193   0.97165   0.96892   0.96381   0.95636
0.94669   0.93503

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
               L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                    *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
 -
- - - - - - - -

  4215200.65 | 0.93503   0.93964   0.94205   0.94220   0.94014   0.93578   0.92921
0.92058   0.90990
  4215180.65 | 0.90621   0.91083   0.91352   0.91409   0.91258   0.90892   0.90317
0.89539   0.88568
  4215160.65 | 0.87860   0.88333   0.88616   0.88721   0.88620   0.88315   0.87812
0.87116   0.86235

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
 -
- - - - - - - -

  4216000.65 | 3.54954   3.23065   2.93104   2.65490   2.40645   2.18522   1.98932
1.81779   1.66751
  4215980.65 | 3.36611   3.08067   2.81026   2.55845   2.33010   2.12287   1.93829
1.77447   1.62969
  4215960.65 | 3.19720   2.94051   2.69567   2.46571   2.25447   2.06207   1.88823
1.73229   1.59322
  4215940.65 | 3.04149   2.80965   2.58726   2.37686   2.18202   2.00292   1.83947
1.69146   1.55821
  4215920.65 | 2.89779   2.68757   2.48492   2.29201   2.11213   1.94543   1.79200
1.65175   1.52440
  4215900.65 | 2.76490   2.57360   2.38840   2.21116   2.04488   1.88972   1.74526
1.61311   1.49163
  4215880.65 | 2.64173   2.46710   2.29819   2.13493   1.98095   1.83576   1.70078
1.57500   1.45976
  4215860.65 | 2.54040   2.36826   2.21305   2.06307   1.91958   1.78418   1.65703
1.53827   1.42869
  4215840.65 | 2.43424   2.28646   2.13262   1.99460   1.86129   1.73435   1.61454
1.50242   1.39873
  4215820.65 | 2.33497   2.19916   2.06558   1.92934   1.80480   1.68622   1.57327
1.46748   1.36942
  4215800.65 | 2.25795   2.11744   1.99449   1.86657   1.75114   1.63976   1.53366
1.43338   1.34040
  4215780.65 | 2.18005   2.05392   1.92563   1.81402   1.69866   1.59448   1.49481
1.40016   1.31200
  4215760.65 | 2.11376   1.98852   1.87320   1.75695   1.65453   1.55540   1.46020
1.36986   1.28421
  4215740.65 | 2.03558   1.93401   1.81823   1.70238   1.60678   1.51389   1.42431
1.33894   1.25816
  4215720.65 | 1.96148   1.86782   1.77340   1.66123   1.57071   1.48225   1.39651
1.31431   1.23214
  4215700.65 | 1.89862   1.80474   1.71729   1.62978   1.53153   1.44734   1.36567

1.28673 1.20696
4215680.65 | 1.83214 1.75081 1.66353 1.58213 1.50113 1.42131 1.33384
1.25939 1.18720
4215660.65 | 1.77433 1.69370 1.61731 1.53625 1.46060 1.38574 1.30295
1.23257 1.16338
4215640.65 | 1.71436 1.64372 1.56820 1.49202 1.42137 1.35115 1.28196
1.20625 1.14015
4215620.65 | 1.66091 1.59178 1.52477 1.45418 1.38339 1.31750 1.25234
1.18042 1.11923
4215600.65 | 1.60870 1.54508 1.47975 1.41337 1.35069 1.28484 1.22351
1.16320 1.10433
4215580.65 | 1.55711 1.49765 1.43891 1.37755 1.31537 1.25647 1.19536
1.13841 1.08261
4215560.65 | 1.50862 1.45401 1.39765 1.34181 1.28402 1.22588 1.17080
1.11410 1.06124
4215540.65 | 1.46161 1.41058 1.35921 1.30565 1.25113 1.19859 1.14427
1.09027 1.04022
4215520.65 | 1.41663 1.36989 1.32104 1.27177 1.22110 1.16990 1.12029
1.06968 1.02156
4215500.65 | 1.37376 1.32992 1.28486 1.23822 1.19134 1.14348 1.09524
1.04866 1.00150
4215480.65 | 1.33202 1.29182 1.24959 1.20625 1.16183 1.11655 1.07196
1.02677 0.98297
4215460.65 | 1.29267 1.25454 1.21556 1.17506 1.13336 1.09113 1.04830
1.00623 0.96382
4215440.65 | 1.25486 1.21944 1.18234 1.14471 1.10576 1.06582 1.02589
0.98544 0.94489
4215420.65 | 1.21851 1.18562 1.15103 1.11567 1.07870 1.04154 1.00354
0.96545 0.92728
4215400.65 | 1.18356 1.15310 1.12078 1.08701 1.05286 1.01738 0.98180
0.94569 0.90962
4215380.65 | 1.14999 1.12167 1.09155 1.05995 1.02725 0.99438 0.96066
0.92631 0.89214
4215360.65 | 1.11763 1.09136 1.06329 1.03381 1.00304 0.97134 0.93975
0.90762 0.87484
4215340.65 | 1.08647 1.06211 1.03598 1.00841 0.97953 0.94968 0.91916
0.88888 0.85814
4215320.65 | 1.05634 1.03383 1.00956 0.98379 0.95669 0.92850 0.89962
0.87084 0.84165
4215300.65 | 1.02729 1.00651 0.98393 0.95992 0.93451 0.90797 0.88060
0.85314 0.82534
4215280.65 | 0.99936 0.98013 0.95921 0.93679 0.91288 0.88788 0.86192
0.83577 0.80934
4215260.65 | 0.97233 0.95456 0.93521 0.91435 0.89193 0.86832 0.84378
0.81874 0.79387
4215240.65 | 0.94638 0.92994 0.91198 0.89253 0.87150 0.84926 0.82607
0.80221 0.77868
4215220.65 | 0.92147 0.90628 0.88949 0.87129 0.85164 0.83069 0.80878
0.78627 0.76375

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000341 , L0000342 , L0000343 , L0000344 , L0000345 ,
L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 539105.17 539125.17 539145.17 539165.17 539185.17 539205.17 539225.17

```
539245.17    539265.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.89745      0.88330      0.86772      0.85065      0.83223      0.81261      0.79206
0.77075      0.74941
  4215180.65 |       0.87427      0.86121      0.84664      0.83072      0.81346      0.79500      0.77575
0.75559      0.73536
  4215160.65 |       0.85189      0.83975      0.82612      0.81127      0.79510      0.77786      0.75970
0.74077      0.72160
  4215140.65 |       0.83030      0.81901      0.80635      0.79238      0.77723      0.76117      0.74419
0.72643      0.70812
  4215120.65 |       0.80944      0.79905      0.78721      0.77405      0.75999      0.74491      0.72892
0.71227      0.69493
  4215100.65 |       0.78930      0.77966      0.76867      0.75639      0.74310      0.72909      0.71417
0.69844      0.68190
  4215080.65 |       0.76983      0.76099      0.75071      0.73911      0.72682      0.71368      0.69977
0.68492      0.66925
  4215060.65 |       0.75099      0.74284      0.73331      0.72234      0.71084      0.69868      0.68561
0.67171      0.65688
  4215040.65 |       0.73279      0.72529      0.71645      0.70636      0.69562      0.68421      0.67191
0.65880      0.64476
  4215020.65 |       0.71516      0.70830      0.70011      0.69085      0.68095      0.67025      0.65867
0.64628      0.63290
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                     ***
  15:15:41

  PAGE 376
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                  INCLUDING SOURCE(S):     L0000341    , L0000342    , L0000343    , L0000344    ,
L0000345    ,
                 L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000351    ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                         X-COORD (METERS)
    (METERS) |     539285.17    539305.17    539325.17    539345.17    539365.17    539385.17    539405.17
539425.17    539445.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4216000.65 |       1.53691      1.42249      1.32206      1.23339      1.15463      1.08427      1.02150
0.96470      0.91298
  4215980.65 |       1.50275      1.39139      1.29340      1.20700      1.13002      1.06126      0.99982
0.94440      0.89399
  4215960.65 |       1.47042      1.36214      1.26653      1.18210      1.10699      1.03984      0.97967
0.92533      0.87603
  4215940.65 |       1.43969      1.33455      1.24159      1.15901      1.08544      1.01979      0.96064
0.90727      0.85899
  4215920.65 |       1.41026      1.30837      1.21786      1.13739      1.06549      1.00105      0.94296
0.89043      0.84295
  4215900.65 |       1.38195      1.28340      1.19538      1.11707      1.04663      0.98354      0.92632
0.87468      0.82789
  4215880.65 |       1.35456      1.25974      1.17428      1.09788      1.02893      0.96688      0.91079
0.85997      0.81403
  4215860.65 |       1.32831      1.23722      1.15434      1.07966      1.01205      0.95122      0.89610
0.84623      0.80098
  4215840.65 |       1.30306      1.21509      1.13514      1.06226      0.99623      0.93646      0.88233
0.83338      0.78890
  4215820.65 |       1.27806      1.19382      1.11632      1.04556      0.98097      0.92247      0.86950
0.82134      0.77750
  4215800.65 |       1.25359      1.17277      1.09825      1.02942      0.96651      0.90914      0.85720
```

0.81000   0.76681
  4215780.65 | 1.22898   1.15188   1.08013   1.01352   0.95236   0.89636   0.84550
0.79915   0.75665
  4215760.65 | 1.20514   1.13136   1.06213   0.99777   0.93842   0.88384   0.83429
0.78869   0.74702
  4215740.65 | 1.18174   1.11120   1.04468   0.98256   0.92501   0.87189   0.82350
0.77880   0.73787
  4215720.65 | 1.15975   1.09135   1.02750   0.96760   0.91188   0.86024   0.81286
0.76929   0.72910
  4215700.65 | 1.13769   1.07182   1.01056   0.95287   0.89918   0.84902   0.80284
0.76007   0.72068
  4215680.65 | 1.11630   1.05361   0.99413   0.93855   0.88666   0.83818   0.79320
0.75125   0.71252
  4215660.65 | 1.09527   1.03511   0.97805   0.92441   0.87429   0.82748   0.78356
0.74264   0.70459
  4215640.65 | 1.07882   1.02028   0.96216   0.91055   0.86223   0.81690   0.77422
0.73417   0.69698
  4215620.65 | 1.06010   1.00334   0.94950   0.89704   0.85024   0.80640   0.76482
0.72583   0.68937
  4215600.65 | 1.04714   0.99196   0.93456   0.88576   0.83833   0.79567   0.75536
0.71744   0.68188
  4215580.65 | 1.02820   0.97549   0.92485   0.87282   0.82652   0.78509   0.74576
0.70855   0.67360
  4215560.65 | 1.00950   0.95919   0.91067   0.86433   0.81682   0.77478   0.73668
0.70052   0.66646
  4215540.65 | 0.99105   0.94306   0.89660   0.85204   0.80939   0.76632   0.72882
0.69318   0.65956
  4215520.65 | 0.97424   0.92795   0.88301   0.83982   0.79870   0.75649   0.71984
0.68494   0.65196
  4215500.65 | 0.95651   0.91241   0.86945   0.82771   0.78813   0.75023   0.71402
0.67761   0.64548
  4215480.65 | 0.93899   0.89698   0.85592   0.81564   0.77752   0.74092   0.70585
0.67243   0.63916
  4215460.65 | 0.92269   0.88165   0.84245   0.80425   0.76697   0.73162   0.69769
0.66534   0.63458
  4215440.65 | 0.90584   0.86643   0.82902   0.79246   0.75690   0.72247   0.68959
0.65823   0.62840
  4215420.65 | 0.88928   0.85245   0.81571   0.78072   0.74657   0.71341   0.68147
0.65108   0.62202
  4215400.65 | 0.87365   0.83787   0.80331   0.76903   0.73625   0.70436   0.67350
0.64391   0.61570
  4215380.65 | 0.85776   0.82397   0.79046   0.75802   0.72595   0.69527   0.66552
0.63671   0.60929
  4215360.65 | 0.84237   0.80991   0.77808   0.74662   0.71610   0.68617   0.65748
0.62969   0.60291
  4215340.65 | 0.82713   0.79625   0.76563   0.73529   0.70597   0.67704   0.64942
0.62257   0.59657
  4215320.65 | 0.81205   0.78263   0.75334   0.72448   0.69602   0.66842   0.64136
0.61542   0.59023
  4215300.65 | 0.79734   0.76911   0.74129   0.71353   0.68633   0.65953   0.63363
0.60835   0.58376
  4215280.65 | 0.78285   0.75606   0.72916   0.70280   0.67658   0.65083   0.62568
0.60106   0.57708
  4215260.65 | 0.76843   0.74283   0.71757   0.69189   0.66688   0.64214   0.61792
0.59414   0.57091
  4215240.65 | 0.75464   0.73025   0.70563   0.68147   0.65738   0.63345   0.60991
0.58721   0.56476
  4215220.65 | 0.74073   0.71735   0.69436   0.67071   0.64778   0.62495   0.60225
0.57998   0.55815

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***

```
                                INCLUDING SOURCE(S):     L0000341    , L0000342    , L0000343    , L0000344    ,
L0000345    ,
                 L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000351    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539285.17    539305.17    539325.17    539345.17    539365.17    539385.17    539405.17
539425.17    539445.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       0.72752      0.70524      0.68267      0.66059      0.63806      0.61624      0.59465
0.57315      0.55205
  4215180.65 |       0.71456      0.69333      0.67177      0.65005      0.62897      0.60794      0.58676
0.56631      0.54592
  4215160.65 |       0.70183      0.68162      0.66107      0.64023      0.61939      0.59928      0.57931
0.55914      0.53975
  4215140.65 |       0.68935      0.67003      0.65038      0.63049      0.61054      0.59117      0.57146
0.55243      0.53363
  4215120.65 |       0.67700      0.65862      0.63982      0.62087      0.60174      0.58261      0.56415
0.54531      0.52725
  4215100.65 |       0.66489      0.64731      0.62947      0.61135      0.59303      0.57469      0.55636
0.53871      0.52078
  4215080.65 |       0.65300      0.63617      0.61918      0.60189      0.58446      0.56685      0.54920
0.53165      0.51482
  4215060.65 |       0.64134      0.62532      0.60903      0.59261      0.57593      0.55908      0.54210
0.52517      0.50837
  4215040.65 |       0.63002      0.61477      0.59922      0.58353      0.56750      0.55130      0.53502
0.51871      0.50250
  4215020.65 |       0.61891      0.60440      0.58958      0.57451      0.55916      0.54357      0.52795
0.51228      0.49663
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 378
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):     L0000341    , L0000342    , L0000343    , L0000344    ,
L0000345    ,
                 L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000351    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                            X-COORD (METERS)
    (METERS) |     539465.17    539485.17    539505.17    539525.17    539545.17    539565.17    539585.17
539605.17    539625.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4216000.65 |       0.86589      0.82272      0.78300      0.74636      0.71252      0.68117      0.65209
0.62501      0.59958
  4215980.65 |       0.84807      0.80604      0.76738      0.73170      0.69875      0.66826      0.63990
0.61354      0.58882
  4215960.65 |       0.83112      0.79003      0.75236      0.71760      0.68546      0.65570      0.62806
0.60232      0.57822
  4215940.65 |       0.81495      0.77484      0.73800      0.70407      0.67267      0.64359      0.61660
0.59144      0.56791
  4215920.65 |       0.79976      0.76045      0.72436      0.69110      0.66043      0.63198      0.60556
0.58095      0.55795
  4215900.65 |       0.78545      0.74687      0.71147      0.67883      0.64876      0.62090      0.59501
```

0.57088 0.54835
4215880.65 | 0.77224 0.73418 0.69930 0.66724 0.63769 0.61035 0.58497
0.56133 0.53924
4215860.65 | 0.75980 0.72230 0.68794 0.65630 0.62724 0.60033 0.57541
0.55220 0.53054
4215840.65 | 0.74828 0.71119 0.67723 0.64604 0.61736 0.59090 0.56635
0.54354 0.52226
4215820.65 | 0.73752 0.70090 0.66729 0.63649 0.60813 0.58202 0.55781
0.53531 0.51438
4215800.65 | 0.72746 0.69121 0.65800 0.62749 0.59946 0.57369 0.54980
0.52757 0.50692
4215780.65 | 0.71776 0.68197 0.64915 0.61899 0.59136 0.56588 0.54222
0.52030 0.49989
4215760.65 | 0.70871 0.67337 0.64093 0.61111 0.58377 0.55851 0.53516
0.51347 0.49329
4215740.65 | 0.70013 0.66526 0.63321 0.60370 0.57666 0.55165 0.52854
0.50707 0.48706
4215720.65 | 0.69197 0.65758 0.62592 0.59674 0.56990 0.54522 0.52233
0.50107 0.48124
4215700.65 | 0.68417 0.65027 0.61912 0.59026 0.56369 0.53925 0.51657
0.49549 0.47582
4215680.65 | 0.67667 0.64340 0.61265 0.58422 0.55792 0.53370 0.51121
0.49030 0.47078
4215660.65 | 0.66941 0.63669 0.60647 0.57840 0.55246 0.52847 0.50617
0.48542 0.46606
4215640.65 | 0.66236 0.63031 0.60055 0.57292 0.54727 0.52352 0.50141
0.48084 0.46161
4215620.65 | 0.65548 0.62402 0.59483 0.56767 0.54232 0.51881 0.49691
0.47650 0.45743
4215600.65 | 0.64861 0.61788 0.58919 0.56244 0.53742 0.51419 0.49252
0.47231 0.45340
4215580.65 | 0.64084 0.61186 0.58369 0.55727 0.53270 0.50975 0.48832
0.46827 0.44957
4215560.65 | 0.63445 0.60484 0.57830 0.55233 0.52811 0.50547 0.48423
0.46444 0.44592
4215540.65 | 0.62792 0.59914 0.57182 0.54748 0.52365 0.50132 0.48034
0.46076 0.44243
4215520.65 | 0.62087 0.59350 0.56671 0.54272 0.51928 0.49720 0.47656
0.45721 0.43907
4215500.65 | 0.61528 0.58792 0.56178 0.53708 0.51490 0.49324 0.47289
0.45377 0.43577
4215480.65 | 0.60969 0.58280 0.55688 0.53254 0.50972 0.48935 0.46930
0.45036 0.43263
4215460.65 | 0.60408 0.57755 0.55199 0.52775 0.50563 0.48461 0.46577
0.44709 0.42957
4215440.65 | 0.59844 0.57176 0.54648 0.52354 0.50122 0.48091 0.46132
0.44388 0.42658
4215420.65 | 0.59265 0.56663 0.54191 0.51862 0.49743 0.47724 0.45804
0.44072 0.42365
4215400.65 | 0.58867 0.56291 0.53844 0.51453 0.49375 0.47376 0.45471
0.43678 0.42070
4215380.65 | 0.58300 0.55795 0.53412 0.51053 0.49005 0.47008 0.45148
0.43375 0.41704
4215360.65 | 0.57731 0.55289 0.52969 0.50650 0.48574 0.46665 0.44797
0.43036 0.41427
4215340.65 | 0.57148 0.54788 0.52522 0.50356 0.48211 0.46269 0.44423
0.42673 0.41111
4215320.65 | 0.56587 0.54260 0.52060 0.49948 0.47929 0.45932 0.44120
0.42408 0.40862
4215300.65 | 0.55994 0.53758 0.51579 0.49538 0.47561 0.45671 0.43872
0.42141 0.40612
4215280.65 | 0.55438 0.53214 0.51129 0.49126 0.47192 0.45346 0.43587
0.41872 0.40360
4215260.65 | 0.54832 0.52717 0.50640 0.48694 0.46821 0.45018 0.43292
0.41593 0.40107
4215240.65 | 0.54287 0.52177 0.50193 0.48287 0.46425 0.44681 0.42994
0.41380 0.39845
4215220.65 | 0.53741 0.51687 0.49749 0.47845 0.46057 0.44317 0.42683
0.41103 0.39541

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000341 , L0000342 , L0000343 , L0000344 , L0000345 ,
L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	0.53189	0.51194	0.49262	0.47441	0.45652	0.43984	0.42347	0.40824	0.39343
4215180.65	0.52633	0.50699	0.48815	0.46992	0.45287	0.43607	0.42044	0.40544	0.39088
4215160.65	0.52073	0.50199	0.48370	0.46590	0.44871	0.43276	0.41702	0.40238	0.38827
4215140.65	0.51494	0.49667	0.47881	0.46193	0.44518	0.42953	0.41411	0.39965	0.38579
4215120.65	0.50943	0.49170	0.47436	0.45747	0.44159	0.42624	0.41116	0.39693	0.38327
4215100.65	0.50360	0.48672	0.46989	0.45348	0.43796	0.42291	0.40816	0.39417	0.38071
4215080.65	0.49816	0.48141	0.46540	0.44944	0.43427	0.41952	0.40511	0.39137	0.37811
4215060.65	0.49232	0.47649	0.46054	0.44537	0.43054	0.41592	0.40201	0.38852	0.37546
4215040.65	0.48694	0.47115	0.45608	0.44129	0.42655	0.41253	0.39888	0.38555	0.37282
4215020.65	0.48112	0.46628	0.45121	0.43688	0.42285	0.40886	0.39559	0.38268	0.37006

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000341 , L0000342 , L0000343 , L0000344 , L0000345 ,
L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	0.57576	0.55349	0.53250	0.51275	0.49422
4215980.65	0.56570	0.54397	0.52355	0.50441	0.48631

4215960.65	0.55569	0.53452	0.51463	0.49605	0.47848
4215940.65	0.54593	0.52527	0.50593	0.48775	0.47068
4215920.65	0.53646	0.51627	0.49738	0.47968	0.46301
4215900.65	0.52732	0.50756	0.48908	0.47183	0.45559
4215880.65	0.51864	0.49929	0.48118	0.46423	0.44832
4215860.65	0.51031	0.49134	0.47358	0.45694	0.44129
4215840.65	0.50237	0.48373	0.46628	0.44989	0.43448
4215820.65	0.49481	0.47647	0.45931	0.44315	0.42799
4215800.65	0.48764	0.46959	0.45267	0.43677	0.42179
4215780.65	0.48085	0.46305	0.44636	0.43068	0.41596
4215760.65	0.47444	0.45686	0.44039	0.42491	0.41038
4215740.65	0.46843	0.45103	0.43475	0.41946	0.40509
4215720.65	0.46279	0.44555	0.42941	0.41429	0.40008
4215700.65	0.45753	0.44043	0.42443	0.40943	0.39535
4215680.65	0.45262	0.43565	0.41975	0.40486	0.39090
4215660.65	0.44802	0.43117	0.41538	0.40058	0.38671
4215640.65	0.44371	0.42696	0.41127	0.39657	0.38277
4215620.65	0.43965	0.42301	0.40742	0.39280	0.37909
4215600.65	0.43577	0.41926	0.40378	0.38925	0.37561
4215580.65	0.43209	0.41571	0.40034	0.38589	0.37234
4215560.65	0.42859	0.41231	0.39708	0.38272	0.36925
4215540.65	0.42521	0.40910	0.39396	0.37970	0.36630
4215520.65	0.42201	0.40604	0.39101	0.37684	0.36355
4215500.65	0.41893	0.40310	0.38819	0.37415	0.36094
4215480.65	0.41596	0.40027	0.38549	0.37158	0.35846
4215460.65	0.41308	0.39751	0.38289	0.36909	0.35608
4215440.65	0.41027	0.39486	0.38038	0.36672	0.35381
4215420.65	0.40748	0.39229	0.37794	0.36441	0.35160
4215400.65	0.40480	0.38977	0.37557	0.36213	0.34946
4215380.65	0.40215	0.38730	0.37322	0.35994	0.34738
4215360.65	0.39876	0.38487	0.37095	0.35780	0.34536
4215340.65	0.39623	0.38248	0.36871	0.35571	0.34339
4215320.65	0.39384	0.38020	0.36660	0.35373	0.34153
4215300.65	0.39145	0.37793	0.36450	0.35178	0.33970
4215280.65	0.38906	0.37566	0.36241	0.34985	0.33790
4215260.65	0.38666	0.37338	0.36032	0.34792	0.33611
4215240.65	0.38418	0.37068	0.35819	0.34596	0.33429
4215220.65	0.38169	0.36830	0.35562	0.34396	0.33245

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000341 , L0000342 , L0000343 , L0000344 , L0000345 ,
L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	0.37880	0.36595	0.35348	0.34195	0.33056
4215180.65	0.37692	0.36332	0.35132	0.33953	0.32870
4215160.65	0.37459	0.36153	0.34918	0.33754	0.32647
4215140.65	0.37234	0.35944	0.34681	0.33556	0.32468
4215120.65	0.37006	0.35737	0.34484	0.33372	0.32284
4215100.65	0.36775	0.35528	0.34285	0.33180	0.32102
4215080.65	0.36539	0.35315	0.34083	0.32965	0.31925
4215060.65	0.36298	0.35098	0.33878	0.32779	0.31723

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***

INCLUDING SOURCE(S): L0000341 , L0000342 , L0000343 , L0000344 , L0000345 ,
L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	0.79131	539351.84	4215428.70	0.77375
539361.84	4215428.70	0.75643	539371.84	4215428.70	0.73936
539381.84	4215428.70	0.72257	539341.84	4215438.70	0.79731
539351.84	4215438.70	0.77938	539361.84	4215438.70	0.76170
539371.84	4215438.70	0.74430	539381.84	4215438.70	0.72719
539341.84	4215448.70	0.80333	539351.84	4215448.70	0.78502
539361.84	4215448.70	0.76699	539371.84	4215448.70	0.74925
539381.84	4215448.70	0.73184	539341.84	4215458.70	0.80935
539351.84	4215458.70	0.79066	539361.84	4215458.70	0.77228
539371.84	4215458.70	0.75404	539381.84	4215458.70	0.73648
539341.84	4215468.70	0.81539	539351.84	4215468.70	0.79631
539361.84	4215468.70	0.77733	539371.84	4215468.70	0.75910
539381.84	4215468.70	0.74122	539113.88	4215517.52	1.38981
539096.52	4215515.99	1.42591	539108.26	4215501.18	1.36818
539096.01	4215500.67	1.39310	539108.26	4215486.38	1.33783
539094.47	4215485.36	1.36295	539135.32	4215461.36	1.23651
539150.13	4215439.91	1.17245	539114.39	4215452.68	1.26060
539123.07	4215439.40	1.22110	539159.32	4215421.02	1.12682
539145.02	4215416.43	1.14481	539134.30	4215410.81	1.15440
539131.75	4215425.11	1.18169	539206.80	4215383.75	0.99512
539215.99	4215372.52	0.96724	539188.93	4215382.22	1.02286
539176.17	4215379.67	1.04085	539165.44	4215376.09	1.05350
539248.79	4215356.71	0.89809	539243.45	4215348.45	0.89866

539265.58	4215345.25	0.86131	539260.78	4215338.05	0.86278
539256.25	4215351.38	0.88135	539272.77	4215331.92	0.83932
539264.78	4215324.99	0.84576	539280.77	4215321.79	0.81940
539279.97	4215307.14	0.80951	539287.97	4215313.80	0.80288
539297.83	4215304.74	0.78228	539289.56	4215296.21	0.78798
539311.15	4215287.68	0.75247	539303.69	4215281.28	0.75846
539303.69	4215296.21	0.76828	539314.25	4215271.79	0.73841
539329.09	4215260.48	0.71240	539339.69	4215237.16	0.68634
539357.36	4215232.92	0.66282	539394.11	4215199.70	0.60599
539044.99	4215579.21	1.70911	539034.39	4215591.93	1.77579
539054.88	4215556.59	1.62135	539058.42	4215538.92	1.56392
539054.88	4215520.55	1.52340	539082.44	4215477.44	1.36885
539073.96	4215466.13	1.35920	539098.70	4215440.69	1.26594
539109.30	4215426.56	1.22234	539117.07	4215415.96	1.19123
539125.55	4215401.11	1.15322	539158.77	4215367.19	1.05206
539150.29	4215357.30	1.05133	539184.21	4215339.63	0.97975
539222.37	4215324.79	0.90777	539243.58	4215317.72	0.87054

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000341 , L0000342 , L0000343 , L0000344 , L0000345 ,
L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	0.62852	539364.42	4215191.93	0.63491
539344.64	4215200.41	0.66109	539409.65	4215113.48	0.55736
539355.94	4215136.80	0.61797	539262.66	4215288.75	0.81913
539282.44	4215261.19	0.77232	539299.41	4215235.04	0.73370
539168.92	4215647.77	1.49399	538947.70	4216163.58	14.66958
539352.12	4215798.21	1.00495	539367.62	4215566.76	0.81524
539278.26	4215504.64	0.97565	539297.51	4215494.11	0.92386

539323.66	4215486.12	0.86271	539342.55	4215482.85	0.82208
539367.23	4215481.23	0.77399	539397.77	4215487.94	0.72175
539352.73	4215556.41	0.84487	539337.83	4215546.05	0.87162
539322.94	4215535.70	0.89816	539308.05	4215525.35	0.92498
539293.15	4215514.99	0.95085	539287.89	4215499.38	0.94936
539310.58	4215490.12	0.89281	539354.89	4215482.04	0.79773
539382.50	4215484.59	0.74757	539391.74	4215503.70	0.73949
539385.71	4215519.47	0.75490	539379.68	4215535.23	0.77412
539373.65	4215551.00	0.79424			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000214 , L0000215 , L0000216 , L0000217 , L0000218 ,
L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 ,
L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 ,
L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17
4216000.65	1.03230	1.10829	1.19833	1.29794	1.40276	1.52281	1.66147	1.82841	2.02537
4215980.65	1.01737	1.08919	1.17279	1.27110	1.37186	1.48694	1.61930	1.78321	1.96906
4215960.65	1.00182	1.07151	1.15307	1.24268	1.33962	1.44993	1.57621	1.73585	1.91603
4215940.65	0.98694	1.05472	1.13084	1.22019	1.31386	1.42013	1.54128	1.68140	1.86120
4215920.65	0.97248	1.03792	1.11184	1.19407	1.28402	1.38572	1.50116	1.63965	1.80481
4215900.65	0.95761	1.02134	1.09203	1.17270	1.25974	1.35786	1.46880	1.59610	1.75810
4215880.65	0.94286	1.00419	1.07349	1.15160	1.23585	1.33054	1.43860	1.56166	1.70351
4215860.65	0.92829	0.98789	1.05506	1.13077	1.21393	1.30553	1.40971	1.52973	1.66608
4215840.65	0.91260	0.97197	1.03680	1.10916	1.19063	1.28222	1.38282	1.49869	1.62578
4215820.65	0.89792	0.95571	1.01958	1.08896	1.16897	1.25719	1.35654	1.46522	1.58915
4215800.65	0.88344	0.93965	1.00198	1.06987	1.14594	1.23325	1.32973	1.43556	1.55120

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  4215780.65 |       0.86906      0.92381      0.98348      1.05059      1.12359      1.20451      1.29549
1.39944      1.50991
  4215760.65 |       0.85487      0.90731      0.96612      1.03119      1.10135      1.17996      1.26590
1.36244      1.46914
  4215740.65 |       0.84084      0.89186      0.94897      1.01215      1.08004      1.15402      1.23695
1.33019      1.43209
  4215720.65 |       0.82622      0.87664      0.93213      0.99239      1.05801      1.12936      1.20810
1.29762      1.39676
  4215700.65 |       0.81255      0.86162      0.91543      0.97396      1.03647      1.10526      1.18103
1.26585      1.36223
  4215680.65 |       0.79907      0.84681      0.89836      0.95567      1.01613      1.08254      1.15556
1.23718      1.32975
  4215660.65 |       0.78579      0.83221      0.88226      0.93781      0.99628      1.06038      1.13075
1.20929      1.29827
  4215640.65 |       0.77273      0.81708      0.86640      0.92023      0.97677      1.03865      1.10646
1.18205      1.26640
  4215620.65 |       0.75918      0.80295      0.85065      0.90293      0.95761      1.01650      1.08174
1.15546      1.23657
  4215600.65 |       0.74631      0.78905      0.83546      0.88510      0.93792      0.99552      1.05845
1.12844      1.20754
  4215580.65 |       0.73350      0.77509      0.82036      0.86862      0.91970      0.97531      1.03597
1.10322      1.17931
  4215560.65 |       0.72078      0.76124      0.80445      0.85222      0.90163      0.95535      1.01386
1.07864      1.15170
  4215540.65 |       0.70820      0.74684      0.78950      0.83583      0.88363      0.93553      0.99199
1.05460      1.12520
  4215520.65 |       0.69578      0.73334      0.77477      0.81969      0.86593      0.91607      0.97055
1.03091      1.09907
  4215500.65 |       0.68284      0.72001      0.76024      0.80379      0.84850      0.89782      0.95140
1.00972      1.07446
  4215480.65 |       0.67065      0.70678      0.74581      0.78724      0.83205      0.87975      0.93149
0.98875      1.05018
  4215460.65 |       0.65844      0.69351      0.73135      0.77144      0.81476      0.86164      0.91247
0.96676      1.02589
  4215440.65 |       0.64608      0.68008      0.71600      0.75546      0.79807      0.84329      0.89228
0.94546      1.00131
  4215420.65 |       0.63349      0.66572      0.70110      0.73919      0.78026      0.82376      0.87170
0.92276      0.97623
  4215400.65 |       0.62066      0.65179      0.68593      0.72263      0.76134      0.80389      0.84986
0.89870      0.94969
  4215380.65 |       0.60699      0.63766      0.67054      0.70584      0.74298      0.78377      0.82777
0.87440      0.92291
  4215360.65 |       0.59388      0.62343      0.65507      0.68822      0.72455      0.76360      0.80564
0.84918      0.89519
  4215340.65 |       0.58079      0.60923      0.63892      0.67141      0.70621      0.74356      0.78286
0.82519      0.86893
  4215320.65 |       0.56780      0.59515      0.62365      0.65480      0.68737      0.72226      0.76057
0.80002      0.84252
  4215300.65 |       0.55498      0.58064      0.60865      0.63854      0.66901      0.70239      0.73821
0.77584      0.81638
  4215280.65 |       0.54182      0.56711      0.59405      0.62280      0.65206      0.68335      0.71689
0.75294      0.79269
  4215260.65 |       0.52964      0.55404      0.58002      0.60706      0.63522      0.66458      0.69682
0.73147      0.76966
  4215240.65 |       0.51793      0.54154      0.56668      0.59285      0.62009      0.64848      0.67886
0.71227      0.74902
  4215220.65 |       0.50682      0.52973      0.55352      0.57953      0.60594      0.63417      0.66360
0.69666      0.73207
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 385
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):     L0000214    , L0000215    , L0000216    , L0000217    ,
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L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538745.17   538765.17   538785.17   538805.17   538825.17   538845.17   538865.17
538885.17   538905.17
 -
- - - - - - - -

  4215200.65 | 0.49636   0.51867   0.54181   0.56708   0.59271   0.62073   0.64990
0.68101   0.71496
  4215180.65 | 0.48660   0.50777   0.53086   0.55540   0.58086   0.60793   0.63670
0.66656   0.69825
  4215160.65 | 0.47694   0.49810   0.52053   0.54430   0.56888   0.59553   0.62311
0.65228   0.68176
  4215140.65 | 0.46836   0.48892   0.51065   0.53303   0.55722   0.58274   0.60966
0.63742   0.66539
  4215120.65 | 0.46016   0.48008   0.50104   0.52254   0.54571   0.57007   0.59510
0.62204   0.64917
  4215100.65 | 0.45219   0.47140   0.49103   0.51213   0.53425   0.55745   0.58124
0.60683   0.63259
  4215080.65 | 0.44431   0.46229   0.48157   0.50172   0.52281   0.54436   0.56753
0.59188   0.61698
  4215060.65 | 0.43643   0.45365   0.47207   0.49131   0.51091   0.53195   0.55404
0.57729   0.60127
  4215040.65 | 0.42807   0.44497   0.46257   0.48093   0.49964   0.51975   0.54088
0.56262   0.58616
  4215020.65 | 0.42011   0.43627   0.45309   0.47020   0.48856   0.50784   0.52812
0.54902   0.57168

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 538925.17   538945.17   538965.17   538985.17   539005.17   539025.17   539045.17
539065.17   539085.17
 -
- - - - - - - -

  4216000.65 | 2.25220   2.51859   2.83109   3.20087   3.64273   4.17380   4.82922
5.62990   6.63532

4215980.65 | 2.18492 2.43376 2.72028 3.05780 3.45726 3.93552 4.51641
5.21722 6.08425
4215960.65 | 2.12036 2.35408 2.61932 2.92918 3.29271 3.72401 4.23949
4.86151 5.61714
4215940.65 | 2.05853 2.27988 2.52740 2.81448 3.14860 3.53896 3.99859
4.55222 5.21694
4215920.65 | 2.00227 2.20671 2.44087 2.70773 3.01617 3.37380 3.79185
4.28127 4.86727
4215900.65 | 1.93002 2.14085 2.35940 2.60828 2.89415 3.22338 3.60653
4.04241 4.56632
4215880.65 | 1.87773 2.06335 2.27871 2.51173 2.77809 3.08328 3.43923
3.84102 4.30248
4215860.65 | 1.82295 2.00193 2.19433 2.41305 2.66226 2.95395 3.28458
3.65698 4.07638
4215840.65 | 1.77175 1.93997 2.12125 2.32644 2.55912 2.83602 3.14592
3.48743 3.87613
4215820.65 | 1.72442 1.87792 2.04896 2.24172 2.45929 2.70519 3.01722
3.34445 3.69760
4215800.65 | 1.68045 1.82519 1.98755 2.16996 2.37515 2.60618 2.88407
3.20570 3.54634
4215780.65 | 1.63534 1.77757 1.93239 2.10763 2.30239 2.52308 2.77791
3.07360 3.40027
4215760.65 | 1.58826 1.72336 1.87801 2.04828 2.23539 2.44503 2.68623
2.95559 3.26689
4215740.65 | 1.54627 1.67481 1.82160 1.98826 2.16991 2.37127 2.59883
2.84978 3.13610
4215720.65 | 1.50698 1.63016 1.76782 1.92496 2.10886 2.30119 2.51302
2.75609 3.02216
4215700.65 | 1.46913 1.58666 1.71841 1.86918 2.04597 2.23280 2.43558
2.66260 2.91685
4215680.65 | 1.43250 1.54498 1.67146 1.81517 1.97394 2.16302 2.35705
2.57453 2.81853
4215660.65 | 1.39540 1.50476 1.62616 1.76106 1.91491 2.08985 2.27533
2.48361 2.71786
4215640.65 | 1.36087 1.46555 1.58211 1.71016 1.85463 2.02289 2.20039
2.40013 2.62558
4215620.65 | 1.32709 1.42775 1.53782 1.66209 1.80059 1.95424 2.12335
2.31404 2.53003
4215600.65 | 1.29451 1.39088 1.49660 1.61541 1.74803 1.89511 2.05699
2.23989 2.44775
4215580.65 | 1.26289 1.35412 1.45654 1.57038 1.69748 1.83807 1.99295
2.16814 2.36778
4215560.65 | 1.23125 1.31983 1.41807 1.52714 1.64725 1.78328 1.93130
2.09881 2.28997
4215540.65 | 1.20139 1.28670 1.38100 1.48422 1.60058 1.73073 1.87218
2.03220 2.21483
4215520.65 | 1.17266 1.25467 1.34527 1.44431 1.55589 1.68050 1.81573
1.96856 2.14290
4215500.65 | 1.14548 1.22346 1.30938 1.40575 1.51290 1.63106 1.76034
1.90633 2.07270
4215480.65 | 1.11735 1.19258 1.27532 1.36801 1.47101 1.58432 1.70800
1.84752 2.00634
4215460.65 | 1.09048 1.16123 1.24102 1.33062 1.42932 1.53786 1.65590
1.78885 1.93992
4215440.65 | 1.06326 1.12984 1.20536 1.29130 1.38552 1.49052 1.60260
1.72851 1.87114
4215420.65 | 1.03439 1.09782 1.16972 1.24875 1.33973 1.44155 1.54722
1.66551 1.79891
4215400.65 | 1.00503 1.06525 1.13346 1.20826 1.29199 1.39055 1.48947
1.59971 1.72340
4215380.65 | 0.97544 1.03130 1.09579 1.16769 1.24666 1.33219 1.42343
1.52464 1.63761
4215360.65 | 0.94494 0.99884 1.05989 1.12788 1.20244 1.28297 1.36855
1.46323 1.56851
4215340.65 | 0.91615 0.96726 1.02517 1.08963 1.15883 1.23626 1.31680
1.40559 1.50388
4215320.65 | 0.88741 0.93708 0.99220 1.05351 1.11919 1.19249 1.26993
1.35337 1.44697
4215300.65 | 0.86017 0.90758 0.96129 1.01854 1.08215 1.15154 1.22447

1.30414 1.39137
4215280.65 | 0.83465 0.88107 0.93135 0.98702 1.04740 1.11292 1.18142
1.25722 1.33983
4215260.65 | 0.81085 0.85630 0.90434 0.95728 1.01442 1.07490 1.14144
1.21215 1.28896
4215240.65 | 0.78945 0.83199 0.87869 0.92885 0.98271 1.03947 1.10165
1.16877 1.24034
4215220.65 | 0.76999 0.80967 0.85397 0.90132 0.95096 1.00513 1.06328
1.12600 1.19290

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000214 , L0000215 , L0000216 , L0000217 , L0000218 ,
L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 ,
L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 ,
L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4215200.65	0.75033	0.78885	0.82986	0.87354	0.92107	0.97188	1.02641	1.08420	1.14814
4215180.65	0.73188	0.76755	0.80623	0.84735	0.89204	0.93984	0.99022	1.04570	1.10613
4215160.65	0.71291	0.74660	0.78229	0.82184	0.86401	0.90917	0.95685	1.00947	1.06684
4215140.65	0.69489	0.72676	0.76052	0.79797	0.83714	0.87916	0.92536	0.97548	1.03015
4215120.65	0.67779	0.70804	0.74012	0.77502	0.81234	0.85162	0.89575	0.94366	0.99497
4215100.65	0.66039	0.68919	0.72046	0.75310	0.78806	0.82568	0.86796	0.91386	0.96296
4215080.65	0.64351	0.67166	0.70097	0.73228	0.76514	0.80126	0.84187	0.88510	0.93294
4215060.65	0.62725	0.65485	0.68305	0.71255	0.74421	0.77829	0.81735	0.85887	0.90470
4215040.65	0.61112	0.63768	0.66483	0.69390	0.72445	0.75802	0.79566	0.83561	0.87956
4215020.65	0.59574	0.62081	0.64758	0.67565	0.70640	0.73883	0.77512	0.81355	0.85567

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000214 , L0000215 , L0000216 , L0000217 ,

L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
 -
- - - - - - - -

  4216000.65 | 7.90490   9.56607   11.85135   15.20939   20.77542   23.00462   19.22354
19.66263   22.65379
  4215980.65 | 7.15874   8.53084   10.35688   12.91428   16.86826   23.61271   25.21704
19.41812   18.49831
  4215960.65 | 6.53858   7.69148   9.18510   11.20048   14.12578   18.75506   27.02263
27.18068   19.17443
  4215940.65 | 6.01621   6.99904   8.24430   9.87542   12.14570   15.51391   21.04011
17.72359   20.23663
  4215920.65 | 5.57129   6.41963   7.47448   8.82291   10.63880   13.20732   17.11584
23.79837   18.67200
  4215900.65 | 5.18883   5.92911   6.83486   7.96924   9.45633   11.48314   14.38040
18.97266   21.39615
  4215880.65 | 4.85753   5.50985   6.30225   7.27227   8.51570   10.14864   12.41515
15.71885   21.11542
  4215860.65 | 4.56871   5.15258   5.84921   6.69507   7.74560   9.09888   10.90235
13.42026   17.23630
  4215840.65 | 4.32171   4.84261   5.46097   6.20672   7.11287   8.24811   9.71757
11.70347   14.57174
  4215820.65 | 4.10458   4.57497   5.12633   5.79060   6.57662   7.54897   8.77030
10.37978   12.62354
  4215800.65 | 3.91262   4.34421   4.83996   5.43057   6.12872   6.96867   8.00878
9.33578   11.13365
  4215780.65 | 3.74564   4.13939   4.59270   5.11837   5.74083   6.47905   7.37751
8.49931   9.97741
  4215760.65 | 3.59989   3.95406   4.37667   4.85487   5.41241   6.06859   6.85490
7.82530   9.06527
  4215740.65 | 3.46036   3.81084   4.18379   4.62949   5.13865   5.73071   6.43033
7.27958   8.33473
  4215720.65 | 3.32212   3.66719   4.03991   4.43687   4.90852   5.45083   6.08340
6.83986   7.76237
  4215700.65 | 3.20366   3.53664   3.89495   4.29048   4.72204   5.22759   5.80359
6.48685   7.31742
  4215680.65 | 3.09882   3.41629   3.76596   4.14886   4.57590   5.05757   5.59374
6.22361   6.98362
  4215660.65 | 2.99222   3.30509   3.64833   4.02719   4.44509   4.91163   5.43296
6.03485   6.74739
  4215640.65 | 2.88700   3.19416   3.53888   3.92113   4.33973   4.80754   5.33619
5.92004   6.61607
  4215620.65 | 2.79356   3.08546   3.43490   3.81907   4.25341   4.72926   5.27916
5.88231   6.58877
  4215600.65 | 2.68801   2.98732   3.32343   3.72170   4.16876   4.68773   5.26867
5.94094   6.70391
  4215580.65 | 2.59962   2.87670   3.21764   3.60789   4.08345   4.64158   5.29917
6.07153   6.96344
  4215560.65 | 2.51268   2.77808   3.09552   3.49764   3.98440   4.58536   5.34234
6.28803   7.43798
  4215540.65 | 2.42791   2.68288   2.98515   3.37769   3.86520   4.49276   5.34739
6.54140   8.17061
  4215520.65 | 2.34659   2.58764   2.87983   3.24266   3.73088   4.35814   5.26780
6.68483   9.06464
  4215500.65 | 2.26665   2.49928   2.77732   3.12136   3.56314   4.19026   5.08260

6.57527   9.62254
  4215480.65 | 2.19133   2.41323   2.67879   3.00125   3.41827   3.99292   4.83405
6.19658   9.11547
  4215460.65 | 2.11557   2.32757   2.57737   2.88188   3.26822   3.78386   4.53986
5.69155   7.87278
  4215440.65 | 2.03643   2.23645   2.46908   2.75093   3.10520   3.56487   4.18718
5.15005   6.73690
  4215420.65 | 1.95283   2.14031   2.35506   2.61434   2.93211   3.32785   3.86214
4.62791   5.81028
  4215400.65 | 1.86964   2.03525   2.23819   2.47298   2.75586   3.10430   3.55598
4.17876   5.05559
  4215380.65 | 1.77448   1.93994   2.12245   2.33499   2.58501   2.89344   3.28491
3.79536   4.47156
  4215360.65 | 1.68850   1.83645   2.01085   2.20165   2.42828   2.70546   3.04048
3.46648   4.00304
  4215340.65 | 1.61523   1.74444   1.90556   2.07924   2.28386   2.53175   2.82445
3.18263   3.62187
  4215320.65 | 1.55047   1.66767   1.80706   1.96562   2.15109   2.37614   2.63887
2.94470   3.30684
  4215300.65 | 1.48900   1.59532   1.71638   1.85947   2.03472   2.23236   2.46752
2.73664   3.04238
  4215280.65 | 1.42877   1.52699   1.63678   1.76131   1.92383   2.10806   2.31898
2.55371   2.81366
  4215260.65 | 1.37296   1.46417   1.56437   1.67773   1.82037   1.99017   2.18392
2.39186   2.61231
  4215240.65 | 1.31861   1.40364   1.49706   1.60249   1.72974   1.88777   2.05882
2.24646   2.43886
  4215220.65 | 1.26615   1.34578   1.43467   1.53470   1.65102   1.79444   1.94892
2.11517   2.28431

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***

INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
 -
- - - - - - - -

  4215200.65 | 1.21707   1.29330   1.37693   1.47201   1.58006   1.70565   1.84459
1.99439   2.14400
  4215180.65 | 1.17132   1.24337   1.32343   1.41258   1.51304   1.62590   1.74981
1.88494   2.01825
  4215160.65 | 1.12874   1.19813   1.27490   1.35860   1.45211   1.55461   1.66710
1.78565   1.90535
  4215140.65 | 1.08908   1.15599   1.22853   1.30819   1.39526   1.48869   1.58835
1.69482   1.80407
  4215120.65 | 1.05208   1.11564   1.18516   1.26093   1.34105   1.42742   1.51859
1.61449   1.71316
  4215100.65 | 1.01746   1.07877   1.14446   1.21558   1.29117   1.37019   1.45416

1.54255   1.63223
  4215080.65 | 0.98497   1.04322   1.10614   1.17372   1.24338   1.31661   1.39309
1.47398   1.55841
  4215060.65 | 0.95518   1.01051   1.06994   1.13413   1.19913   1.26632   1.33685
1.41029   1.48733
  4215040.65 | 0.92699   0.97954   1.03567   1.09523   1.15593   1.21833   1.28349
1.35098   1.42146
  4215020.65 | 0.90095   0.95013   1.00314   1.05842   1.11451   1.17252   1.23282
1.29498   1.36027

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539285.17   539305.17   539325.17   539345.17   539365.17   539385.17   539405.17
539425.17   539445.17
 -
- - - - - - - -

  4216000.65 | 21.73454   16.58817   13.38027   11.18988   9.60530   8.40904   7.47933
6.72788   6.10802
  4215980.65 | 27.43264   19.78344   15.43691   12.63782   10.67238   9.22894   8.13121
7.26193   6.55353
  4215960.65 | 17.27545   24.43149   18.17040   14.45652   11.97734   10.21156   8.89606
7.87428   7.05690
  4215940.65 | 18.68481   22.35261   22.05218   16.85155   13.61030   11.40504   9.79992
8.58521   7.63334
  4215920.65 | 20.17362   17.99071   27.90302   20.12525   15.72994   12.88565   10.89109
9.42227   8.29902
  4215900.65 | 19.46278   19.68408   24.64089   24.89955   18.54064   14.76887   12.22432
10.42067   9.07591
  4215880.65 | 23.48359   20.08315   18.98233   22.57071   22.49040   17.20131   13.89374
11.63178   9.99903
  4215860.65 | 23.73580   25.86607   20.52395   18.20365   20.70210   20.51152   16.02674
13.13064   11.10726
  4215840.65 | 19.07276   26.99925   19.50893   20.62049   17.29691   25.34091   18.86491
15.03563   12.47118
  4215820.65 | 15.90931   21.26757   23.49300   19.97162   20.31193   16.37973   22.90543
17.53568   14.17913
  4215800.65 | 13.66051   17.46720   23.96234   19.72554   20.06489   26.95008   28.99811
20.96538   16.38650
  4215780.65 | 11.96355   14.82968   19.29280   27.17685   20.80863   19.80211   25.07375
25.93190   19.32548
  4215760.65 | 10.68392   12.92206   16.16924   21.39609   24.35260   21.74195   19.36601
23.24212   23.44703
  4215740.65 | 9.69310   11.50007   13.99575   17.72221   24.00228   19.11665   22.62320
18.76775   21.59141
  4215720.65 | 8.92252   10.42518   12.41888   15.22878   19.56706   27.19524   20.02960
15.21024   18.10268
  4215700.65 | 8.33103   9.61503   11.26373   13.48020   16.69842   21.81924   24.02319

20.76337   21.57128
  4215680.65 | 7.89692   9.02238   10.43182   12.26407   14.76655   18.46480   24.69395
26.40135   21.25431
  4215660.65 | 7.59664   8.62017   9.87113   11.44508   13.48019   16.31583   20.61915
28.14376   28.75367
  4215640.65 | 7.42894   8.40116   9.55935   10.96173   12.70897   14.98501   18.19370
23.24906   26.85339
  4215620.65 | 7.41112   8.37664   9.51326   10.82328   12.37444   14.30302   16.83697
20.52000   26.59840
  4215600.65 | 7.58593   8.61007   9.76281   11.05205   12.49643   14.20959   16.35674
19.28782   23.66168
  4215580.65 | 7.99247   9.17136   10.44616   11.76547   13.17316   14.77490   16.75431
19.36027   23.01789
  4215560.65 | 8.78814   10.30119   11.80268   13.21869   14.60377   16.20994   18.20348
20.87239   24.63328
  4215540.65 | 10.26067   12.54249   14.43755   15.90261   17.27886   18.94584   21.19923
24.47612   29.48634
  4215520.65 | 13.02331   17.54172   19.75799   20.98068   22.20427   24.02788   27.06013
24.87650   19.69414
  4215500.65 | 8.05234   12.44543   10.04474   12.73566   20.74142   22.77936   16.08707
17.70193   18.25959
  4215480.65 | 7.72753   6.74675   9.98184   12.02705   15.20150   14.29427   14.72907
16.99672   15.02969
  4215460.65 | 12.87272   11.04305   15.13294   10.35459   17.86529   11.95149   18.73214
17.78143   23.15729
  4215440.65 | 9.50330   13.21979   16.55598   18.66945   19.81336   20.01126   19.50985
18.33594   17.00932
  4215420.65 | 7.54461   9.71128   11.78375   13.28520   14.18816   14.52946   14.44308
13.95971   13.25801
  4215400.65 | 6.26010   7.66874   9.04879   10.16435   10.91616   11.30504   11.36594
11.17152   10.77684
  4215380.65 | 5.34613   6.34084   7.32332   8.16382   8.78873   9.17344   9.30874
9.24433   9.01579
  4215360.65 | 4.65759   5.40859   6.14317   6.80009   7.31202   7.65940   7.82819
7.83263   7.70610
  4215340.65 | 4.13648   4.69740   5.28754   5.81098   6.23359   6.54213   6.71722
6.75989   6.68959
  4215320.65 | 3.71700   4.17016   4.63273   5.06161   5.42016   5.68073   5.84609
5.90972   5.87906
  4215300.65 | 3.37923   3.74350   4.11768   4.47612   4.77794   5.01081   5.16019
5.23345   5.22828
  4215280.65 | 3.09693   3.39787   3.70472   4.00141   4.26972   4.46798   4.61017
4.68677   4.69825
  4215260.65 | 2.85697   3.10932   3.36544   3.61430   3.84113   4.02226   4.15158
4.22805   4.25056
  4215240.65 | 2.64553   2.86102   3.07902   3.29400   3.48852   3.64903   3.77165
3.84562   3.87639
  4215220.65 | 2.46411   2.65012   2.83753   3.02229   3.18699   3.33054   3.44062
3.51440   3.54972

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                              INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
               L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
               L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
               L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

Y-COORD (METERS)	X-COORD (METERS)							
	539285.17	539305.17	539325.17	539345.17	539365.17	539385.17	539405.17	539425.17	539445.17
4215200.65	2.30170	2.46385	2.62681	2.78704	2.93204	3.05683	3.15643	3.22582	3.26231
4215180.65	2.15778	2.30053	2.44364	2.58254	2.71046	2.82139	2.91028	2.97525	3.01429
4215160.65	2.02988	2.15667	2.28235	2.40529	2.51780	2.61602	2.69588	2.75665	2.79426
4215140.65	1.91603	2.03051	2.14223	2.24964	2.34827	2.43555	2.50818	2.56332	2.59938
4215120.65	1.81426	1.91651	2.01647	2.11216	2.19951	2.27671	2.34142	2.39205	2.42752
4215100.65	1.72269	1.81390	1.90400	1.98775	2.06564	2.13627	2.19465	2.24103	2.27317
4215080.65	1.64038	1.72030	1.80117	1.87606	1.94706	2.01183	2.06445	2.10657	2.13698
4215060.65	1.56219	1.63404	1.70746	1.77685	1.84188	1.90116	1.94862	1.98703	2.01219
4215040.65	1.49312	1.55977	1.62087	1.68371	1.74309	1.79735	1.84039	1.87584	1.90229
4215020.65	1.42575	1.49039	1.54818	1.60258	1.65307	1.70286	1.74227	1.77903	1.80348

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000214 , L0000215 , L0000216 , L0000217 , L0000218 , L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 , L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 , L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	5.58526	5.14039	4.75069	4.40809	4.10207	3.82266	3.56630	3.32720	3.09885
4215980.65	5.96241	5.46096	5.03026	4.64892	4.31243	4.00853	3.72661	3.46642	3.21883
4215960.65	6.38552	5.82274	5.33857	4.91534	4.54368	4.20723	3.89860	3.61291	3.34388
4215940.65	6.86506	6.22477	5.68050	5.20865	4.79379	4.42271	4.08370	3.76910	3.47605
4215920.65	7.40822	6.67767	6.06227	5.53603	5.07116	4.65734	4.28120	3.93603	3.61594
4215900.65	8.03317	7.19137	6.49131	5.89755	5.37718	4.91389	4.49752		

4.11483 3.76420
4215880.65 | 8.75917 7.77809 6.97688 6.30265 5.71687 5.19875 4.73551
4.31207 3.92635
4215860.65 | 9.61330 8.45813 7.52840 6.75975 6.09621 5.51648 4.99536
4.52480 4.09899
4215840.65 | 10.63551 9.25503 8.16795 7.27977 6.52577 5.86614 5.28020
4.75478 4.28547
4215820.65 | 11.87909 10.19875 8.91047 7.87406 7.00875 6.25674 5.59379
5.00678 4.48168
4215800.65 | 13.42371 11.33799 9.78498 8.56537 7.56064 6.69583 5.94038
5.27734 4.69074
4215780.65 | 15.38040 12.73324 10.82958 9.37163 8.19382 7.19315 6.32843
5.57137 4.91333
4215760.65 | 17.94493 14.48303 12.09957 10.32836 8.92841 7.76169 6.75742
5.89110 5.14980
4215740.65 | 21.43755 16.72900 13.67004 11.47921 9.79299 8.40834 7.23669
6.23858 5.40286
4215720.65 | 26.55025 19.72498 15.66302 12.89027 10.81677 9.15644 7.77175
6.61537 5.66585
4215700.65 | 25.08258 23.95822 18.29865 14.67487 12.06783 10.03139 8.36936
7.01741 5.93613
4215680.65 | 20.63230 22.84441 21.92898 17.00529 13.62655 11.06714 9.03757
7.44163 6.20728
4215660.65 | 21.46719 19.62980 27.27397 20.12578 15.60584 12.30053 9.77884
7.88136 6.47025
4215640.65 | 22.83510 21.50330 25.40290 24.61878 18.19246 13.77310 10.58090
8.31309 6.70202
4215620.65 | 22.13652 23.70507 21.42127 23.53643 21.70459 15.50684 11.39237
8.68519 6.86384
4215600.65 | 31.12871 24.57316 24.59315 20.77869 26.60708 17.38435 12.07568
8.91948 6.91742
4215580.65 | 28.56565 31.57510 28.59570 17.19175 22.49948 18.86777 12.34197
8.89597 6.81911
4215560.65 | 30.13635 31.01570 23.66603 24.50502 15.81170 18.83336 11.96304
8.58479 6.58295
4215540.65 | 26.69027 22.75120 25.81272 15.77762 20.97625 17.11492 11.13102
8.09239 6.26434
4215520.65 | 19.75664 20.49699 27.63340 24.53820 22.92850 14.82182 10.19098
7.55664 5.92046
4215500.65 | 17.43234 23.75279 28.20048 22.91179 17.56140 12.74689 9.28920
7.05310 5.58836
4215480.65 | 20.46662 24.02828 20.48729 17.29993 14.05945 10.97202 8.43637
6.58123 5.28576
4215460.65 | 20.39584 17.96846 15.83732 13.73743 11.60192 9.50295 7.63685
6.13388 5.00401
4215440.65 | 15.58069 14.14114 12.72892 11.29586 9.79543 8.30117 6.90049
5.70098 4.73289
4215420.65 | 12.44492 11.52313 10.54795 9.51830 8.42709 7.31708 6.25172
5.28679 4.46827
4215400.65 | 10.25234 9.63371 8.94068 8.17649 7.36129 6.51506 5.67698
4.89858 4.20858
4215380.65 | 8.66543 8.22966 7.71952 7.13723 6.50823 5.84440 5.17845
4.54158 3.96112
4215360.65 | 7.46615 7.14397 6.75716 6.30836 5.80981 5.28183 4.74171
4.21725 3.72719
4215340.65 | 6.52483 6.28872 5.98638 5.63305 5.23446 4.80512 4.36278
3.92436 3.50856
4215320.65 | 5.76649 5.59136 5.35560 5.07059 4.74973 4.39800 4.03126
3.66377 3.30845
4215300.65 | 5.15255 5.01610 4.83000 4.60004 4.33562 4.04525 3.73974
3.42832 3.12301
4215280.65 | 4.64632 4.53602 4.38643 4.20176 3.98104 3.73847 3.48136
3.21515 2.95149
4215260.65 | 4.22136 4.13488 4.00743 3.85640 3.67495 3.46773 3.24941
3.02141 2.79289
4215240.65 | 3.86305 3.78605 3.68782 3.55382 3.40448 3.23134 3.04206
2.84593 2.64534
4215220.65 | 3.54097 3.47933 3.40348 3.29363 3.16354 3.01797 2.85677
2.68435 2.50878

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000214 , L0000215 , L0000216 , L0000217 , L0000218 ,
L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 ,
L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 ,
L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.65	3.26051	3.21939	3.15452	3.06740	2.95395	2.82683	2.68771	2.53774	2.38303
4215180.65	3.01464	2.98328	2.93794	2.86168	2.76977	2.65661	2.53424	2.40468	2.26579
4215160.65	2.79778	2.78594	2.75135	2.69535	2.60684	2.50629	2.39441	2.28077	2.16016
4215140.65	2.61606	2.60619	2.58063	2.52653	2.45081	2.36370	2.26570	2.16560	2.05939
4215120.65	2.44418	2.44421	2.42641	2.38254	2.30889	2.23324	2.14717	2.05929	1.96519
4215100.65	2.29240	2.29319	2.28024	2.24351	2.17941	2.11353	2.03776	1.96047	1.87700
4215080.65	2.15407	2.15967	2.14785	2.11693	2.06093	2.00341	1.93654	1.86847	1.79433
4215060.65	2.03202	2.03627	2.03074	2.00872	1.95225	1.90437	1.84461	1.78268	1.71649
4215040.65	1.91873	1.92748	1.92108	1.90300	1.87722	1.81595	1.76322	1.70369	1.64451
4215020.65	1.81911	1.82513	1.82080	1.80943	1.78444	1.74559	1.68440	1.63592	1.57711

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000214 , L0000215 , L0000216 , L0000217 , L0000218 ,
L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 ,
L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 ,
L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4216000.65	2.88491	2.68605	2.49930	2.32590	2.16676
4215980.65	2.98917	2.77373	2.57375	2.39022	2.22038
4215960.65	3.09538	2.86336	2.64914	2.45487	2.27603
4215940.65	3.20662	2.95638	2.72815	2.51971	2.33147
4215920.65	3.32320	3.05293	2.80803	2.58724	2.38779
4215900.65	3.44544	3.15310	2.89014	2.65623	2.44616
4215880.65	3.57792	3.26088	2.97792	2.72663	2.50413
4215860.65	3.71718	3.37286	3.06820	2.79988	2.56279
4215840.65	3.86351	3.48907	3.16090	2.87291	2.62062
4215820.65	4.01713	3.60945	3.25589	2.94694	2.68001
4215800.65	4.17813	3.73595	3.35286	3.02330	2.73920
4215780.65	4.34640	3.86402	3.45133	3.09978	2.80038
4215760.65	4.52404	3.99505	3.55044	3.17532	2.85798
4215740.65	4.70525	4.12778	3.64869	3.24982	2.91158
4215720.65	4.89061	4.26003	3.74532	3.31724	2.95847
4215700.65	5.07410	4.38555	3.82864	3.37352	2.99519
4215680.65	5.24872	4.49722	3.89973	3.41501	3.01639
4215660.65	5.40500	4.58657	3.94631	3.43594	3.01986
4215640.65	5.52373	4.63972	3.96153	3.42971	3.00471
4215620.65	5.58000	4.64295	3.93911	3.39767	2.96832
4215600.65	5.55991	4.59501	3.88305	3.34173	2.91603
4215580.65	5.45139	4.49435	3.79488	3.26580	2.85104
4215560.65	5.27238	4.35759	3.68474	3.17675	2.77798
4215540.65	5.05260	4.19610	3.56349	3.08117	2.70094
4215520.65	4.81595	4.02483	3.43444	2.98015	2.61940
4215500.65	4.58330	3.85441	3.30438	2.87726	2.53677
4215480.65	4.36654	3.69179	3.17831	2.77644	2.45482
4215460.65	4.16691	3.53952	3.05902	2.68031	2.37544
4215440.65	3.98014	3.39881	2.94761	2.58967	2.30002
4215420.65	3.79890	3.26665	2.84357	2.50475	2.22913
4215400.65	3.62347	3.13978	2.74580	2.42493	2.16257
4215380.65	3.45183	3.01662	2.65186	2.35031	2.10038
4215360.65	3.28511	2.89636	2.56175	2.27949	2.04207
4215340.65	3.12466	2.77894	2.47405	2.21143	1.98701
4215320.65	2.97403	2.66662	2.38974	2.14648	1.93507
4215300.65	2.83095	2.55779	2.30720	2.08297	1.88487
4215280.65	2.69567	2.45285	2.22651	2.02062	1.83584
4215260.65	2.56814	2.35205	2.14781	1.95929	1.78764
4215240.65	2.44756	2.25498	2.07084	1.89866	1.73978
4215220.65	2.33374	2.16140	1.99580	1.83884	1.69220

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000214 , L0000215 , L0000216 , L0000217 , L0000218 ,
L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 ,
L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 ,
L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	2.22670	2.07290	1.92336	1.78029	1.64491
4215180.65	2.12749	1.98858	1.85363	1.72276	1.59854
4215160.65	2.03381	1.91010	1.78666	1.66723	1.55292
4215140.65	1.94623	1.83462	1.72262	1.61379	1.50850
4215120.65	1.86366	1.76329	1.66153	1.56222	1.46475
4215100.65	1.78576	1.69540	1.60288	1.51191	1.42240
4215080.65	1.71220	1.63080	1.54660	1.46325	1.38097
4215060.65	1.64415	1.56932	1.49263	1.41652	1.34060
4215040.65	1.58091	1.51090	1.44227	1.37267	1.30189
4215020.65	1.51974	1.45801	1.39298	1.32904	1.26478

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000214 , L0000215 , L0000216 , L0000217 , L0000218 ,
L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 ,
L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 , L0000233 , L0000234 ,
L0000235 , L0000236 , L0000237 , L0000238 , L0000239 , L0000240 , L0000241 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	14.85192	539351.84	4215428.70	15.47476
539361.84	4215428.70	15.92329	539371.84	4215428.70	16.20094
539381.84	4215428.70	16.32811	539341.84	4215438.70	17.72665
539351.84	4215438.70	18.44708	539361.84	4215438.70	18.95287
539371.84	4215438.70	19.21811	539381.84	4215438.70	19.30028
539341.84	4215448.70	21.78279	539351.84	4215448.70	22.64486
539361.84	4215448.70	15.05318	539371.84	4215448.70	23.50856
539381.84	4215448.70	23.51009	539341.84	4215458.70	10.19971
539351.84	4215458.70	10.49730	539361.84	4215458.70	17.29282
539371.84	4215458.70	11.80246	539381.84	4215458.70	11.57166
539341.84	4215468.70	11.10706	539351.84	4215468.70	11.40724
539361.84	4215468.70	19.76829	539371.84	4215468.70	12.86557
539381.84	4215468.70	12.63470	539113.88	4215517.52	2.43336

539096.52	4215515.99	2.23506	539108.26	4215501.18	2.30309
539096.01	4215500.67	2.17398	539108.26	4215486.38	2.24632
539094.47	4215485.36	2.10483	539135.32	4215461.36	2.45121
539150.13	4215439.91	2.53032	539114.39	4215452.68	2.17640
539123.07	4215439.40	2.20625	539159.32	4215421.02	2.53665
539145.02	4215416.43	2.32993	539134.30	4215410.81	2.18122
539131.75	4215425.11	2.22825	539206.80	4215383.75	2.95304
539215.99	4215372.52	3.00059	539188.93	4215382.22	2.65496
539176.17	4215379.67	2.46156	539165.44	4215376.09	2.30756
539248.79	4215356.71	3.49379	539243.45	4215348.45	3.25525
539265.58	4215345.25	3.71348	539260.78	4215338.05	3.47802
539256.25	4215351.38	3.58879	539272.77	4215331.92	3.64680
539264.78	4215324.99	3.36342	539280.77	4215321.79	3.64415
539279.97	4215307.14	3.38574	539287.97	4215313.80	3.65141
539297.83	4215304.74	3.68128	539289.56	4215296.21	3.38742
539311.15	4215287.68	3.60928	539303.69	4215281.28	3.38489
539303.69	4215296.21	3.63416	539314.25	4215271.79	3.39198
539329.09	4215260.48	3.41344	539339.69	4215237.16	3.18834
539357.36	4215232.92	3.29671	539394.11	4215199.70	3.09231
539044.99	4215579.21	1.98703	539034.39	4215591.93	1.94113
539054.88	4215556.59	1.99685	539058.42	4215538.92	1.97011
539054.88	4215520.55	1.88657	539082.44	4215477.44	1.97346
539073.96	4215466.13	1.86995	539098.70	4215440.69	1.97937
539109.30	4215426.56	2.01536	539117.07	4215415.96	2.03848
539125.55	4215401.11	2.04541	539158.77	4215367.19	2.17786
539150.29	4215357.30	2.03730	539184.21	4215339.63	2.26690
539222.37	4215324.79	2.63571	539243.58	4215317.72	2.88710

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK2 ***

INCLUDING SOURCE(S): L0000214 , L0000215 , L0000216 , L0000217 , L0000218 ,
L0000219 , L0000220 , L0000221 , L0000222 , L0000223 , L0000224 , L0000225 , L0000226 ,
L0000227 , L0000228 , L0000229 , L0000230 , L0000231 , L0000232 , L0000233 ,

L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	2.89593	539364.42	4215191.93	2.82636
539344.64	4215200.41	2.77992	539409.65	4215113.48	2.29878
539355.94	4215136.80	2.27547	539262.66	4215288.75	2.86581
539282.44	4215261.19	2.82862	539299.41	4215235.04	2.73910
539168.92	4215647.77	4.03233	538947.70	4216163.58	3.50382
539352.12	4215798.21	19.63024	539367.62	4215566.76	14.25127
539278.26	4215504.64	7.19905	539297.51	4215494.11	10.48555
539323.66	4215486.12	9.75452	539342.55	4215482.85	12.25869
539367.23	4215481.23	14.76950	539397.77	4215487.94	16.14837
539352.73	4215556.41	14.17694	539337.83	4215546.05	14.48428
539322.94	4215535.70	15.22361	539308.05	4215525.35	16.34080
539293.15	4215514.99	8.98750	539287.89	4215499.38	8.46362
539310.58	4215490.12	7.57520	539354.89	4215482.04	12.89253
539382.50	4215484.59	14.32035	539391.74	4215503.70	22.48998
539385.71	4215519.47	24.50400	539379.68	4215535.23	19.49913
539373.65	4215551.00	16.34928			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                    INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	538745.17	538765.17	538785.17	538805.17	538825.17	538845.17	538865.17	538885.17	538905.17

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4216000.65	32.64895	33.76941	35.06619	36.95430	40.03006	46.18664	52.21578	53.45846	58.09331
4215980.65	30.10305	31.39000	32.86005	34.81211	37.77222	43.16891	55.59176	64.12729	58.59716
4215960.65	27.96935	29.38059	30.94181	32.89668	35.67751	40.30228	49.55376	47.80752	55.67852
4215940.65	26.19605	27.65289	29.24592	31.18078	33.76334	37.70189	44.60245	50.34438	52.15102
4215920.65	24.68529	26.14771	27.74945	29.62619	32.01816	35.39937	40.68349	50.21579	57.40958
4215900.65	23.40308	24.84039	26.39818	28.23313	30.45595	33.40958	37.63547	44.24393	56.08730
4215880.65	22.27973	23.68863	25.21599	26.97100	29.04172	31.66422	35.20478	40.23143	48.01871
4215860.65	21.32573	22.66762	24.15271	25.84054	27.77836	30.14622	33.18873	37.27213	43.02852
4215840.65	20.45768	21.79283	23.21414	24.80084	26.64117	28.82187	31.50857	34.95339	39.49053
4215820.65	19.72721	20.99009	22.35734	23.88981	25.61694	27.64643	30.06440	33.05155	36.84742
4215800.65	19.06841	20.29948	21.61720	23.05298	24.70796	26.58512	28.79557	31.47739	34.74671
4215780.65	18.50011	19.66813	20.93993	22.32703	23.85795	25.62779	27.66336	30.08739	32.98195
4215760.65	17.97844	19.11021	20.32552	21.64652	23.12256	24.79252	26.66884	28.90103	31.53375
4215740.65	17.52021	18.60083	19.78467	21.05162	22.46141	24.02852	25.80107	27.87606	30.29070
4215720.65	17.08630	18.14860	19.27204	20.51169	21.84557	23.34210	25.02919	26.97195	29.21276
4215700.65	16.68721	17.71660	18.82963	19.99973	21.29507	22.73013	24.33907	26.17423	28.29087
4215680.65	16.33770	17.32253	18.38675	19.55128	20.80192	22.18289	23.72472	25.46656	27.47744
4215660.65	15.99508	16.96938	17.98502	19.10884	20.32350	21.66288	23.15374	24.83517	26.74068
4215640.65	15.68190	16.60721	17.62630	18.69824	19.87888	21.17879	22.62193	24.23968	26.07906
4215620.65	15.36175	16.28076	17.26833	18.29937	19.44837	20.73950	22.14071	23.68565	25.45787
4215600.65	15.05520	15.94835	16.91222	17.95861	19.07868	20.30958	21.67268	23.18921	24.87939
4215580.65	14.75987	15.63060	16.57071	17.58222	18.67081	19.86644	21.18863	22.65351	24.37274
4215560.65	14.47877	15.32882	16.23698	17.23284	18.29314	19.45690	20.74231	22.18929	23.87637
4215540.65	14.21393	15.03653	15.93147	16.90228	17.93573	19.06956	20.32079	21.72187	23.32560
4215520.65	13.96285	14.76556	15.64071	16.59018	17.59761	18.70243	19.92061	21.28467	22.84294
4215500.65	13.70719	14.49831	15.35241	16.27954	17.25970	18.34589	19.54332	20.87061	22.36483
4215480.65	13.45029	14.21919	15.04949	15.94008	16.91170	17.96448	19.12317	20.42008	21.84752
4215460.65	13.17141	13.91494	14.71779	15.57737	16.51435	17.53980	18.66760	19.89752	21.26228
4215440.65	12.86489	13.58056	14.34115	15.17761	16.08824	17.06952	18.14699	19.33445	20.61131
4215420.65	12.53502	13.20924	13.94785	14.74723	15.61614	16.54959	17.58776	18.71306	19.91559
4215400.65	12.18978	12.83272	13.53692	14.29811	15.10907	16.00760	16.98895	18.04960	19.17562
4215380.65	11.82598	12.44858	13.11805	13.84037	14.60769	15.45723	16.38450	17.38077	18.43525
4215360.65	11.47152	12.06272	12.69775	13.36814	14.10758	14.91031	15.78653	16.70738	17.69584

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  4215340.65 |      11.11871     11.67944     12.26850     12.91670     13.61824     14.38011     15.19362
16.08445     17.02194
  4215320.65 |      10.77101     11.30402     11.86377     12.48144     13.13561     13.84661     14.64008
15.47320     16.38926
  4215300.65 |      10.43393     10.93126     11.47945     12.07251     12.68710     13.37189     14.12076
14.92378     15.80631
  4215280.65 |      10.10347     10.59392     11.12442     11.69992     12.29719     12.94808     13.65865
14.43519     15.30278
  4215260.65 |       9.80930     10.28737     10.80558     11.35539     11.93890     12.55821     13.24635
13.99260     14.81688
  4215240.65 |       9.54588     10.01587     10.52504     11.06405     11.63400     12.23494     12.88122
13.58865     14.35926
  4215220.65 |       9.31495      9.77793     10.26555     10.80237     11.35343     11.94152     12.55278
13.22717     13.93910
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 399
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     SPIL1       , LOAD        , BREATH      , REFILLING   ,
HOSE        ,
                L0000423    , L0000424    , L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    ,
                L0000431    , L0000432    , L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
                L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
. . .       ,

                                  *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

    Y-COORD  |                                          X-COORD (METERS)
    (METERS) |     538745.17    538765.17    538785.17    538805.17    538825.17    538845.17    538865.17
538885.17    538905.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |       9.11208      9.56576     10.03981     10.55616     11.08050     11.64554     12.22659
12.83571     13.48779
  4215180.65 |       8.92854      9.35765      9.82204     10.31088     10.81263     11.33692     11.88396
12.44322     13.02947
  4215160.65 |       8.74428      9.16245      9.60036     10.05693     10.52150     11.01495     11.51811
12.04467     12.57555
  4215140.65 |       8.56743      8.96051      9.36835      9.78152     10.21926     10.67415     11.14968
11.63951     12.13697
  4215120.65 |       8.38187      8.74736      9.12506      9.50640      9.91116     10.33341     10.76729
11.23833     11.72147
  4215100.65 |       8.18534      8.52390      8.86500      9.22697      9.60413     10.00011     10.40980
10.85856     11.32225
  4215080.65 |       7.97938      8.28571      8.61082      8.94946      9.30444      9.67081     10.07151
10.50339     10.96309
  4215060.65 |       7.76823      8.05398      8.35911      8.67908      9.00827      9.36809      9.75481
10.17413     10.62124
  4215040.65 |       7.54900      7.82526      8.11451      8.41984      8.73642      9.08459      9.46068
9.86013     10.30587
  4215020.65 |       7.34036      7.60317      7.88017      8.16673      8.48158      8.82083      9.18811
9.57851     10.01370
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 400
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): SPIL1 , LOAD , BREATH , REFILLING , HOSE ,
L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 ,
L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	538925.17	538945.17	538965.17	538985.17	539005.17	539025.17	539045.17	539065.17	539085.17
4216000.65	65.31169	61.04514	52.92875	48.59493	46.00013	44.44079	43.67317	43.55768	44.14932
4215980.65	55.46661	65.55961	55.08394	49.81581	46.74596	44.91426	43.93105	43.60255	43.92717
4215960.65	58.04083	75.86172	59.53866	52.23887	48.27665	45.93183	44.63759	44.07825	44.15256
4215940.65	56.16280	67.89412	68.24983	56.33779	50.70320	47.60482	45.84913	44.99634	44.81606
4215920.65	55.26164	54.90750	63.44277	63.51300	54.48344	50.04848	47.66546	46.38797	45.92260
4215900.65	62.85986	56.95614	53.94090	60.45161	60.55077	53.59494	50.15061	48.33984	47.51300
4215880.65	62.31132	52.83938	58.47195	53.38966	71.30179	58.90367	53.57869	50.91568	49.65869
4215860.65	52.07642	57.73525	54.57965	59.77573	53.27798	67.60171	58.40043	54.32590	52.40941
4215840.65	45.98456	56.75455	62.01300	56.24855	61.07564	68.08084	65.78348	58.93577	55.95200
4215820.65	41.89051	49.29473	62.34894	66.63273	57.94123	73.00449	78.43007	65.59827	60.59542
4215800.65	38.91926	44.57492	53.18072	69.35225	61.15123	59.79325	73.05537	76.36630	67.02204
4215780.65	36.58538	41.21758	47.62682	57.91146	66.48319	65.87654	62.29439	73.80961	76.96938
4215760.65	34.70022	38.66243	43.88595	51.27529	63.70522	58.31669	65.88552	65.39253	76.01941
4215740.65	33.15681	36.67097	41.08397	46.97144	55.49018	70.33025	62.68877	69.18859	69.53596
4215720.65	31.86112	35.03186	38.92233	43.85609	50.53351	60.34372	77.38196	67.75205	73.46437
4215700.65	30.75016	33.65952	37.17004	41.52033	47.10824	54.60627	65.65457	73.46054	73.78464
4215680.65	29.79389	32.49372	35.73168	39.64675	44.49944	50.79133	59.20054	71.85350	80.92427
4215660.65	28.93739	31.49104	34.50062	38.09907	42.48862	47.99792	55.03379	64.67101	79.39945
4215640.65	28.16873	30.59641	33.43695	36.78614	40.83489	45.83728	52.03838	60.13938	71.38372
4215620.65	27.47118	29.79373	32.47665	35.65379	39.44872	44.03330	49.66503	56.83314	66.31842
4215600.65	26.83016	29.05082	31.62409	34.64672	38.23123	42.53863	47.76188	54.30356	62.74598
4215580.65	26.22916	28.37131	30.84129	33.73648	37.15495	41.22871	46.13641	52.21670	59.94119
4215560.65	25.69465	27.75042	30.14209	32.91581	36.17692	40.07986	44.73064	50.44711	57.63016

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  4215540.65 |      25.18487     27.18153     29.49736     32.17500     35.31571     39.05809     43.49419
48.91233     55.66301
  4215520.65 |      24.57856     26.65529     28.89540     31.47949     34.51480     38.11171     42.35460
47.50810     53.88385
  4215500.65 |      24.05932     25.95185     28.26033     30.77339     33.70055     37.11724     41.15702
46.03608     52.02958
  4215480.65 |      23.44495     25.28532     27.36282     29.95350     32.77318     36.03157     39.84559
44.42095     49.99293
  4215460.65 |      22.78470     24.49536     26.47881     29.01499     31.71849     34.77034     38.32331
42.55102     47.64612
  4215440.65 |      22.05182     23.63863     25.47992     27.63050     30.40866     33.38134     36.65464
40.51369     45.11756
  4215420.65 |      21.24556     22.72627     24.44446     26.38965     28.67462     31.77117     34.74186
38.21782     42.33309
  4215400.65 |      20.41804     21.79563     23.39322     25.19761     27.30263     29.80762     32.46410
35.56201     39.21750
  4215380.65 |      19.59538     20.85340     22.34008     24.05180     25.99905     28.20666     30.64592
33.48092     36.80252
  4215360.65 |      18.78371     19.98819     21.38887     23.00118     24.83356     26.88606     29.15519
31.76334     34.77575
  4215340.65 |      18.05533     19.20053     20.53362     22.06111     23.75467     25.70520     27.79660
30.16467     32.85975
  4215320.65 |      17.37903     18.49950     19.77126     21.21555     22.79603     24.58961     26.52293
28.65020     31.09922
  4215300.65 |      16.77763     17.84757     19.07257     20.39396     21.87156     23.49688     25.23492
27.17497     29.38309
  4215280.65 |      16.22985     17.25890     18.37599     19.61006     20.95057     22.41634     23.98199
25.77567     27.83935
  4215260.65 |      15.70465     16.67726     17.70027     18.82103     20.03423     21.34000     22.82229
24.48121     26.41199
  4215240.65 |      15.19596     16.06794     17.01574     18.03412     19.14184     20.34403     21.72385
23.31090     25.14039
  4215220.65 |      14.69009     15.46868     16.33343     17.26857     18.27494     19.42087     20.72550
22.23499     23.97811
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 401
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     SPIL1       , LOAD        , BREATH      , REFILLING   ,
HOSE        ,
                L0000423    , L0000424    , L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    ,
                L0000431    , L0000432    , L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
                L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
. . .       ,

                                   *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

    Y-COORD  |                                             X-COORD (METERS)
    (METERS) |     538925.17    538945.17    538965.17    538985.17    539005.17    539025.17    539045.17
539065.17    539085.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

  4215200.65 |      14.16004     14.88846     15.67108     16.52452     17.49021     18.57906     19.82560
21.24722     22.93890
  4215180.65 |      13.64854     14.31035     15.04307     15.85073     16.77190     17.81648     18.99416
20.38165     22.00055
  4215160.65 |      13.14000     13.76235     14.44369     15.23218     16.11897     17.12656     18.26285
19.59740     21.14516
```

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): SPIL1 , LOAD , BREATH , REFILLING , HOSE ,
L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 ,
L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)							
	539105.17	539125.17	539145.17	539165.17	539185.17	539205.17	539225.17	539245.17	539265.17
4216000.65	45.54276	48.00856	52.07199	58.82152	71.24656	77.23303	68.10126	69.91004	67.16226
4215980.65	44.94427	46.82588	49.90745	54.82906	63.19501	78.98064	74.82525	70.00936	70.00200
4215960.65	44.85746	46.29545	48.68391	52.42212	58.40436	68.63422	89.00821	80.33354	71.56208
4215940.65	45.24685	46.33152	48.20733	51.13285	55.66701	62.90114	75.59695	77.54474	77.48088
4215920.65	46.10285	46.89295	48.37492	50.71551	54.28578	59.73744	68.50026	84.44210	73.62800
4215900.65	47.43626	47.97080	49.13720	51.04305	53.93969	58.24590	64.75309	75.48016	89.99994
4215880.65	49.27734	49.57690	50.49778	52.07312	54.48856	58.00704	63.18492	71.03240	84.25358
4215860.65	51.69781	51.75707	52.46437	53.79674	55.85028	58.84148	63.12317	69.35037	78.96441
4215840.65	54.75449	54.57429	55.08773	56.23711	58.04395	60.66330	64.36210	69.60094	77.27577
4215820.65	58.60648	58.08635	58.45000	59.46419	61.11224	63.50111	66.83732	71.48364	78.05478
4215800.65	63.52088	62.45523	62.62295	63.57337	65.17441	67.46094	70.61983	74.94793	80.92333
4215780.65	70.07763	67.88747	67.74161	68.69290	70.36590	72.71131	75.86870	80.12649	85.89736
4215760.65	79.63705	74.83618	73.98676	74.93884	76.86054	79.48359	82.86975	87.32555	93.24756

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  4215740.65 |      80.02818     84.36335     81.71023     82.48370     84.81522     88.04758     92.03341
97.04947    103.52716
  4215720.65 |      75.25232     99.54859     91.78424     91.59902     94.41646     98.70050    103.87587
110.06719    117.70505
  4215700.65 |      79.29259     83.24178    106.50273    102.88244    105.89852    111.74574    119.09494
127.45723    137.41232
  4215680.65 |      81.55718     87.58245    106.36737    118.07787    119.74050    127.50651    138.33074
150.93642    165.14897
  4215660.65 |      90.40585     91.97385     99.25334    120.49134    137.00996    146.21812    162.28297
182.27439    204.85178
  4215640.65 |      88.95982     88.47467    106.00407    116.56696    143.29480    168.76740    191.45276
223.91020    263.11529
  4215620.65 |      79.87631    101.38685    102.47697    126.12524    143.50080    182.42454    227.39718
279.75982    351.70853
  4215600.65 |      74.17523     90.86576    107.27631    122.37726    143.04329    190.30296    259.90916
360.16578    417.97845
  4215580.65 |      70.14466     84.35465    105.43491    127.62795    152.73841    195.74319    298.05261
329.75537    462.75332
  4215560.65 |      66.96843     79.66040     97.50430    124.94880    157.78939    206.33955    257.49851
357.56017    471.82529
  4215540.65 |      64.33934     75.93403     91.81581    115.12752    152.42250    205.10041    252.79484
330.44076    546.96237
  4215520.65 |      62.00045     72.63839     87.08877    107.53691    138.49830    190.66271    278.31490
364.53979    486.42134
  4215500.65 |      59.59123     69.43593     82.50033    100.49893    126.46856    167.52439    239.32851
352.90595    462.59752
  4215480.65 |      56.94193     65.86268     77.47866     92.98803    114.90216    147.50851    198.81472
281.59209    384.59873
  4215460.65 |      53.92162     61.87375     72.03883     85.34957    103.65190    129.68430    167.81745
224.08204    309.56115
  4215440.65 |      50.72578     57.76169     66.57005     78.07208     93.42574    114.41553    143.49498
185.25436    246.93019
  4215420.65 |      47.32930     53.82907     61.57753     71.49891     84.40987    101.41518    124.65034
157.25289    204.01973
  4215400.65 |      44.33783     49.90317     57.02378     65.58714     76.49118     90.62732    109.74897
136.14964    172.29460
  4215380.65 |      40.78837     46.56777     52.85709     60.24585     69.53197     81.65919     97.84080
119.61552    148.02528
  4215360.65 |      38.33779     42.67845     48.79224     55.45868     63.63041     74.22123     88.11467
106.09313    128.64201
  4215340.65 |      36.01288     39.84455     44.59372     51.07953     58.62127     67.98345     79.89827
94.91089    112.82504
  4215320.65 |      33.92270     37.31462     41.43026     46.75418     54.10195     62.69375     73.04918
85.55149     99.80634
  4215300.65 |      31.99873     35.07352     38.88603     43.53780     50.32988     58.02824     66.99687
77.46956     88.95900
  4215280.65 |      30.23139     33.10558     36.61486     40.93559     46.61761     53.93573     61.69239
70.43925     79.71951
  4215260.65 |      28.70270     31.41637     34.66617     38.61696     43.58106     50.10769     56.92739
64.29255     71.85312
  4215240.65 |      27.31266     29.88082     32.92761     36.57901     41.08225     46.80286     52.66596
58.86228     65.11366
  4215220.65 |      26.04445     28.46926     31.35188     34.75720     38.80217     43.75558     48.84425
54.05364     59.26747
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 403
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE PERIOD ( 43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):     SPIL1       , LOAD        , BREATH      , REFILLING   ,
HOSE        ,
               L0000423    , L0000424    , L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    ,
               L0000431    , L0000432    , L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
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L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539105.17   539125.17   539145.17   539165.17   539185.17   539205.17   539225.17
539245.17   539265.17
 -
- - - - - - - -

  4215200.65 | 24.90409   27.22199   29.91019   33.07183   36.71943   40.89631   45.37999
49.81037   54.20008
  4215180.65 | 23.86826   26.04818   28.57631   31.47240   34.75703   38.33284   42.25324
46.05460   49.78632
  4215160.65 | 22.91657   24.98788   27.35982   30.00874   32.96030   36.09093   39.44893
42.71204   45.91126
  4215140.65 | 22.03398   23.99763   26.19389   28.63480   31.28346   34.03651   36.87750
39.74335   42.57688
  4215120.65 | 21.20991   23.04681   25.09821   27.34202   29.69852   32.15466   34.62780
37.13858   39.72158
  4215100.65 | 20.43613   22.17202   24.06576   26.10777   28.23668   30.40112   32.59665
34.78694   37.01507
  4215080.65 | 19.70713   21.32752   23.09042   24.96085   26.85730   28.78019   30.71368
32.67868   34.64219
  4215060.65 | 19.03494   20.54536   22.16720   23.87769   25.57944   27.28405   29.00367
30.74222   32.52346
  4215040.65 | 18.39635   19.80226   21.29228   22.83338   24.36583   25.89160   27.42864
28.98542   30.58225
  4215020.65 | 17.80220   19.09479   20.46203   21.85051   23.22351   24.59381   25.97382
27.37523   28.82595
 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
   07/15/25
 *** AERMET - VERSION 18081 ***   ***   ***
  15:15:41

  PAGE 404
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539285.17   539305.17   539325.17   539345.17   539365.17   539385.17   539405.17
539425.17   539445.17
 -
- - - - - - - -

  4216000.65 | 76.07375   63.56417   56.88931   52.93883   50.46459   48.80852   47.53228
46.37857   45.19435
  4215980.65 | 94.54332   73.46670   63.64247   58.24468   54.98378   52.85826   51.27022
49.85036   48.40636
  4215960.65 | 79.71792   88.45243   72.56777   64.79828   60.37261   57.57327   55.53666
53.77162   51.99281

4215940.65	73.25191	84.79106	85.35182	73.21094	66.92648	63.14304	60.49520
58.27182	56.06218						
4215920.65	82.16756	75.39634	91.62746	84.60148	75.12958	69.83101	66.28666
63.43092	60.67912						
4215900.65	79.37269	74.81765	85.88405	101.49834	85.79519	78.03528	73.17793
69.42204	65.94794						
4215880.65	91.72157	85.94118	89.60387	88.86973	100.64348	88.41375	81.49600
76.45377	71.95481						
4215860.65	95.75237	103.49699	93.60119	94.13680	102.70629	102.14756	91.78071
84.82010	78.94663						
4215840.65	89.32546	111.08685	108.70634	102.28985	99.86891	121.81081	104.91436
94.96175	87.11407						
4215820.65	87.63818	102.91658	114.87436	122.73863	111.84144	117.59910	122.73417
107.57812	96.86600						
4215800.65	89.25389	101.33656	120.85059	115.07495	122.74854	128.97250	136.03695
123.95327	108.70675						
4215780.65	93.68358	104.32518	119.47054	144.03060	132.31111	135.29097	136.70117
146.76118	123.56990						
4215760.65	101.05278	111.28017	124.67769	142.96362	154.68583	150.32926	146.00605
151.49056	143.16990						
4215740.65	111.88927	122.49343	135.62187	151.42932	171.72421	172.28939	166.03456
152.24305	149.41267						
4215720.65	127.27601	139.05680	153.01016	168.22110	183.89338	203.06866	180.82543
167.35069	152.21796						
4215700.65	149.14509	163.15911	179.03912	194.76876	207.60170	217.55999	213.69181
190.04421	174.15278						
4215680.65	181.04260	198.99787	218.26223	235.02555	244.76990	246.24522	243.73641
216.71014	188.67079						
4215660.65	229.42469	255.52983	280.84173	297.42098	300.60703	290.23540	270.65220
255.13994	215.15387						
4215640.65	306.51359	355.35005	397.05759	400.39702	383.87271	353.18844	311.24268
273.15309	239.39702						
4215620.65	442.27762	454.99376	463.60143	479.37373	507.42101	441.79870	367.11557
303.35904	262.92082						
4215600.65	461.34098	543.45006	606.26921	694.81147	693.57620	570.70849	441.98323
343.69146	280.27479						
4215580.65	619.31935	879.69733	970.45715	1167.89017	1012.51044	764.15694	536.94626
388.89625	299.74418						
4215560.65	879.64666	1281.79779	1835.56907	2048.54826	1654.72954	1047.49771	637.78981
425.68316	313.67434						
4215540.65	884.67803	1730.15694	2563.40490	1843.73067	914.79824	1354.05883	694.98101
438.94798	322.55751						
4215520.65	836.97657	2183.97133	4321.34431	2363.51923	910.48387	1342.69861	667.05180
415.70236	282.94699						
4215500.65	713.23494	1733.90725	3117.95685	3760.23666	2456.05728	1043.32920	545.45463
355.89030	262.93733						
4215480.65	585.00796	919.57472	1464.90286	1731.50043	1357.41003	791.02809	462.37813
312.75767	227.97829						
4215460.65	444.67198	644.38870	886.87126	1008.30740	890.62268	628.57192	406.22919
285.34481	227.30142						
4215440.65	338.69784	467.20604	606.22172	682.45297	640.68908	509.23948	368.98383
264.32503	197.94988						
4215420.65	269.10514	351.39426	432.56047	478.58164	465.43047	398.60943	312.11694
234.89345	178.66448						
4215400.65	219.71367	274.58043	325.51971	356.14923	353.77421	318.72761	264.94082
209.75407	163.94327						
4215380.65	182.95284	220.87729	254.88317	276.32603	278.35725	259.51257	225.76519
186.82360	150.72134						
4215360.65	154.74957	181.84482	205.71041	221.62663	225.10761	214.75959	193.24969
165.97508	138.27741						
4215340.65	132.65281	152.44655	170.03775	182.27579	186.23979	180.60623	166.66326
147.38855	126.31284						
4215320.65	115.02388	130.09038	143.28276	152.86214	156.64730	153.81577	144.67310
131.00729	115.09091						
4215300.65	100.83352	112.42135	122.66808	130.26091	133.86851	132.61383	126.57002
116.79751	104.76630						
4215280.65	89.18241	98.28489	106.42500	112.61252	115.90075	115.56822	111.51938
104.47961	95.35642						
4215260.65	79.50468	86.78472	93.32557	98.50021	101.45129	101.67303	98.99615

93.89045   86.93946
  4215240.65 | 71.34227   77.30004   82.68170   87.02615   89.66360   90.16509   88.46106
84.77290   79.45346
  4215220.65 | 64.43574   69.38115   73.87333   77.55581   79.87158   80.59213   79.54971
76.83139   72.77076

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                  *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539285.17   539305.17   539325.17   539345.17   539365.17   539385.17   539405.17
539425.17   539445.17
 -
- - - - - - - -

  4215200.65 | 58.53855   62.69560   66.48871   69.64153   71.71041   72.51731   71.90903
69.94598   66.83581
  4215180.65 | 53.47107   57.00709   60.24705   62.92475   64.80507   65.64556   65.33636
63.92996   61.52864
  4215160.65 | 49.06991   52.10497   54.87092   57.23862   58.90656   59.74726   59.64588
58.65294   56.80922
  4215140.65 | 45.34644   48.03863   50.30022   52.35210   53.82643   54.64639   54.68987
53.98749   52.56274
  4215120.65 | 41.98224   44.34479   46.31896   48.10987   49.45047   50.20533   50.34695
49.86428   48.74991
  4215100.65 | 39.27473   41.10256   43.01028   44.39924   45.61003   46.32890   46.52223
46.20280   45.34394
  4215080.65 | 36.62043   38.23021   39.91945   41.14674   42.21851   42.90214   43.15091
42.92867   42.28001
  4215060.65 | 34.27105   35.67105   37.17564   38.47157   39.48266   40.14627   40.14216
40.02550   39.51552
  4215040.65 | 32.18843   33.69869   34.73706   35.91392   36.81782   37.43882   37.45988
37.41427   37.01873
  4215020.65 | 30.27488   31.65362   32.93790   34.03265   34.45609   35.01312   35.06046
35.06369   34.77595

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,

L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)							
	539465.17	539485.17	539505.17	539525.17	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.65	43.84176	42.31522	40.57503	38.69738	36.73352	34.72063	32.73154	30.79310	28.89922
4215980.65	46.78103	44.94656	42.93663	40.75168	38.52236	36.28917	34.07354	31.95859	29.91550
4215960.65	50.04844	47.88861	45.50797	42.99010	40.45780	37.93810	35.49504	33.17429	30.97375
4215940.65	53.71654	51.10809	48.31275	45.40830	42.50924	39.69495	37.00470	34.46300	32.09575
4215920.65	57.79716	54.66755	51.37806	48.05051	44.73630	41.57215	38.59341	35.83435	33.28959
4215900.65	62.38485	58.61340	54.73523	50.88974	47.13454	43.58441	40.31455	37.30086	34.56549
4215880.65	67.51306	62.97346	58.42172	53.97725	49.72625	45.77680	42.18865	38.91814	35.97209
4215860.65	73.36606	67.84251	62.45265	57.34657	52.54001	48.17681	44.21527	40.66243	37.48303
4215840.65	80.02791	73.30679	66.94656	61.04336	55.64014	50.76355	46.41610	42.54831	39.12488
4215820.65	87.71384	79.43832	71.91445	65.09122	59.01648	53.59607	48.81294	44.60847	40.86059
4215800.65	96.68845	86.46482	77.48509	69.62620	62.75238	56.71012	51.42582	46.80433	42.70615
4215780.65	107.51318	94.65485	83.87123	74.74038	66.90777	60.14239	54.29259	49.15411	44.64748
4215760.65	120.63327	104.19522	91.15300	80.49381	71.55079	63.94806	57.36211	51.64051	46.65533
4215740.65	137.27560	115.61177	99.62156	87.05801	76.75309	68.08491	60.64287	54.22421	48.70114
4215720.65	160.05210	129.75329	109.65304	94.60849	82.59247	72.57480	64.07742	56.82753	50.65856
4215700.65	154.57882	148.34403	121.83219	103.35961	89.05932	77.34205	67.54192	59.31543	52.42572
4215680.65	167.28885	167.57306	137.27556	113.63878	96.20373	82.27130	70.87627	61.53326	53.87508
4215660.65	180.62960	167.21412	158.29585	125.98652	104.03703	87.20125	73.89627	63.33769	54.91040
4215640.65	199.56182	169.47548	159.81466	141.58389	112.60729	91.90475	76.37782	64.57465	55.44143
4215620.65	211.05597	187.15170	154.75880	141.68478	122.27568	96.16089	78.10774	65.12527	55.42373
4215600.65	247.46304	193.34329	170.62957	135.68697	134.15008	99.74729	78.93168	64.98529	54.93463
4215580.65	249.41602	214.65506	177.39132	126.59567	122.78100	101.61939	78.47208	64.11415	54.02253
4215560.65	255.18870	213.31502	160.89371	140.70984	105.82741	99.98639	76.63903	62.61651	52.84561
4215540.65	234.81705	188.83949	164.21730	140.37045	114.82498	94.98282	73.88204	60.78636	51.53684
4215520.65	217.85066	176.20909	166.34418	149.28962	117.39138	88.79349	70.81790	58.81031	50.13652
4215500.65	198.69582	177.87933	162.51696	129.74173	103.44229	82.72669	67.58660	56.70222	48.62287
4215480.65	192.59649	168.17929	136.56045	112.49922	92.88117	76.79151	64.09517	54.38157	46.92411
4215460.65	177.53825	143.54874	118.89763	99.64934	84.03115	71.03368	60.36154		

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539465.17   539485.17   539505.17   539525.17   539545.17   539565.17   539585.17
539605.17   539625.17
 -
- - - - - - - -

  4215200.65 | 62.77578   58.09244   53.13126   48.13833   43.35835   38.94321   34.95819
31.44451   28.37502
  4215180.65 | 58.29204   54.43560   50.22639   45.90925   41.68897   37.68996   34.02105
30.72087   27.79537
  4215160.65 | 54.20963   51.02787   47.47858   43.75152   40.01641   36.43123   33.06886
29.99380   27.22033
  4215140.65 | 50.48271   47.86527   44.87095   41.66578   38.38519   35.17886   32.11554
29.26009   26.65791
  4215120.65 | 47.08841   44.93072   42.41428   39.65565   36.78248   33.92396   31.14803
28.51772   26.08539
  4215100.65 | 44.00655   42.22822   40.10159   37.73485   35.21902   32.67680   30.17091
27.76048   25.49885
  4215080.65 | 41.20067   39.73062   37.93690   35.90624   33.70436   31.44708   29.19004
26.98991   24.89673
  4215060.65 | 38.65021   37.42567   35.91794   34.17346   32.24544   30.23973   28.21022

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                              INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
               L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
               L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
               L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

    Y-COORD | X-COORD (METERS)
    (METERS) | 539645.17   539665.17   539685.17   539705.17   539725.17
 -
- - - - - - - -

  4216000.65 | 27.11864   25.47432   23.94378   22.53619   21.25379
  4215980.65 | 28.02508   26.26618   24.65084   23.18258   21.82797
  4215960.65 | 28.95531   27.09009   25.38572   23.85337   22.44230
  4215940.65 | 29.94173   27.96314   26.17616   24.54971   23.07791
  4215920.65 | 30.99104   28.89063   27.00044   25.29644   23.74560
  4215900.65 | 32.10994   29.87645   27.87231   26.08292   24.45606
  4215880.65 | 33.34083   30.95595   28.82254   26.90838   25.18562
  4215860.65 | 34.65431   32.10077   29.82213   27.78287   25.93976
  4215840.65 | 36.05250   33.30795   30.86624   28.67342   26.69689
  4215820.65 | 37.53243   34.57088   31.94479   29.57955   27.46581
  4215800.65 | 39.08381   35.89244   33.04015   30.49451   28.21203
  4215780.65 | 40.68608   37.21297   34.12292   31.37553   28.93368
  4215760.65 | 42.32283   38.50942   35.15342   32.18426   29.55783
  4215740.65 | 43.89998   39.72693   36.08143   32.89213   30.06230
  4215720.65 | 45.35924   40.79963   36.86684   33.42742   30.41583
  4215700.65 | 46.59309   41.63712   37.39584   33.75369   30.59572
  4215680.65 | 47.50670   42.17734   37.68873   33.86408   30.58226
  4215660.65 | 48.04507   42.39335   37.69830   33.75912   30.40063
  4215640.65 | 48.16522   42.27746   37.45447   33.45264   30.09515
  4215620.65 | 47.87362   41.86623   37.00648   33.02493   29.69215
  4215600.65 | 47.28445   41.27986   36.46447   32.54002   29.26585
  4215580.65 | 46.46727   40.57838   35.87094   32.03868   28.84282
  4215560.65 | 45.53904   39.85274   35.27164   31.54725   28.43568
  4215540.65 | 44.57281   39.09243   34.68121   31.06838   28.04148
  4215520.65 | 43.52734   38.28546   34.04167   30.54938   27.60604
  4215500.65 | 42.37336   37.38715   33.32506   29.95743   27.11747
  4215480.65 | 41.06951   36.36001   32.49945   29.27512   26.55247
  4215460.65 | 39.60128   35.19813   31.55196   28.49700   25.89898
  4215440.65 | 37.99965   33.90789   30.49592   27.61569   25.16090
  4215420.65 | 36.34269   32.55218   29.37089   26.67215   24.36286
  4215400.65 | 34.72033   31.20399   28.23382   25.70695   23.53122
  4215380.65 | 33.21292   29.93056   27.14339   24.75974   22.70549
  4215360.65 | 31.86136   28.77346   26.13622   23.87418   21.92108
  4215340.65 | 30.67532   27.74705   25.23425   23.07136   21.20159
  4215320.65 | 29.65415   26.85082   24.43773   22.35743   20.55412
  4215300.65 | 28.77315   26.07052   23.74246   21.72913   19.98162

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***

INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4215200.65	25.69912	23.37924	21.35090	19.57208	18.01047
4215180.65	25.22190	22.97366	21.00537	19.26900	17.74008
4215160.65	24.76031	22.59068	20.67765	18.98728	17.49300
4215140.65	24.31337	22.22075	20.36811	18.72307	17.26458
4215120.65	23.86358	21.85901	20.06904	18.47169	17.04427
4215100.65	23.40426	21.49370	19.77104	18.22059	16.83213
4215080.65	22.93359	21.12120	19.47052	17.97085	16.62315
4215060.65	22.44729	20.73988	19.16506	17.72216	16.41409
4215040.65	21.94697	20.34079	18.84442	17.46505	16.20400
4215020.65	21.43674	19.93437	18.51748	17.20358	15.99142

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***

INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539341.84	4215428.70	543.33727	539351.84	4215428.70	549.42390

539361.84	4215428.70	534.79881	539371.84	4215428.70	501.76482
539381.84	4215428.70	455.58017	539341.84	4215438.70	652.45695
539351.84	4215438.70	657.42185	539361.84	4215438.70	632.97331
539371.84	4215438.70	583.96035	539381.84	4215438.70	519.54272
539341.84	4215448.70	800.06858	539351.84	4215448.70	789.86733
539361.84	4215448.70	739.96175	539371.84	4215448.70	688.22545
539381.84	4215448.70	597.50006	539341.84	4215458.70	958.23815
539351.84	4215458.70	963.25358	539361.84	4215458.70	899.56446
539371.84	4215458.70	772.48833	539381.84	4215458.70	644.12983
539341.84	4215468.70	1229.48830	539351.84	4215468.70	1208.17435
539361.84	4215468.70	1103.37929	539371.84	4215468.70	919.73872
539381.84	4215468.70	736.94380	539113.88	4215517.52	65.85797
539096.52	4215515.99	57.71809	539108.26	4215501.18	61.04168
539096.01	4215500.67	55.89971	539108.26	4215486.38	59.02997
539094.47	4215485.36	53.59058	539135.32	4215461.36	66.85360
539150.13	4215439.91	68.95440	539114.39	4215452.68	55.93846
539123.07	4215439.40	56.67444	539159.32	4215421.02	68.43991
539145.02	4215416.43	60.53470	539134.30	4215410.81	55.12287
539131.75	4215425.11	57.08116	539206.80	4215383.75	84.11874
539215.99	4215372.52	86.13115	539188.93	4215382.22	72.11388
539176.17	4215379.67	64.79703	539165.44	4215376.09	59.19885
539248.79	4215356.71	107.36582	539243.45	4215348.45	97.54604
539265.58	4215345.25	116.61025	539260.78	4215338.05	106.97925
539256.25	4215351.38	111.48224	539272.77	4215331.92	113.45982
539264.78	4215324.99	102.14881	539280.77	4215321.79	112.53577
539279.97	4215307.14	101.78962	539287.97	4215313.80	111.81799
539297.83	4215304.74	111.32646	539289.56	4215296.21	100.51810
539311.15	4215287.68	105.67745	539303.69	4215281.28	98.02705
539303.69	4215296.21	108.21711	539314.25	4215271.79	96.38453
539329.09	4215260.48	94.39775	539339.69	4215237.16	84.22837
539357.36	4215232.92	84.89043	539394.11	4215199.70	72.07266
539044.99	4215579.21	45.98072	539034.39	4215591.93	44.16254
539054.88	4215556.59	47.05918	539058.42	4215538.92	46.83187
539054.88	4215520.55	44.70871	539082.44	4215477.44	48.82604

539073.96	4215466.13	45.25648	539098.70	4215440.69	48.77168
539109.30	4215426.56	49.71346	539117.07	4215415.96	50.32532
539125.55	4215401.11	50.38674	539158.77	4215367.19	54.64856
539150.29	4215357.30	49.66063	539184.21	4215339.63	57.99928
539222.37	4215324.79	72.75408	539243.58	4215317.72	83.26564

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): SPIL1 , LOAD , BREATH , REFILLING , HOSE ,
L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 ,
L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
539371.49	4215194.05	69.70789	539364.42	4215191.93	68.51190
539344.64	4215200.41	69.46958	539409.65	4215113.48	48.87809
539355.94	4215136.80	52.35582	539262.66	4215288.75	81.97575
539282.44	4215261.19	78.69439	539299.41	4215235.04	73.35953
539168.92	4215647.77	116.38303	538947.70	4216163.58	70.12755
539352.12	4215798.21	118.27949	539367.62	4215566.76	1352.16004
539278.26	4215504.64	623.96706	539297.51	4215494.11	953.27848
539323.66	4215486.12	1677.82924	539342.55	4215482.85	1862.07749
539367.23	4215481.23	1311.59796	539397.77	4215487.94	594.64175
539352.73	4215556.41	2242.47705	539337.83	4215546.05	3346.57537
539322.94	4215535.70	2689.16729	539308.05	4215525.35	2238.70734
539293.15	4215514.99	1419.31978	539287.89	4215499.38	764.77099
539310.58	4215490.12	1359.67676	539354.89	4215482.04	1686.31943
539382.50	4215484.59	900.41660	539391.74	4215503.70	843.75911
539385.71	4215519.47	1295.19760	539379.68	4215535.23	1806.65237
539373.65	4215551.00	1752.29012			

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538745.17	538765.17	538785.17	538805.17	538825.17
4216000.6	51.56188 (13111908)	53.04727 (13111908)	53.87008 (15120921)	55.40474 (15120921)	56.97279 (16120906)
4215980.6	52.00274 (16120919)	54.30197 (13111908)	56.11691 (13111908)	57.17075 (13111908)	58.74531 (15120921)
4215960.6	52.69681 (17011901)	54.73125 (16120919)	57.25375 (13111908)	59.45706 (13111908)	60.83184 (13111908)
4215940.6	54.20730 (14122218)	55.81596 (14122218)	57.83589 (17011901)	60.43001 (13111908)	63.09268 (13111908)
4215920.6	55.51256 (14112117)	57.19546 (14122218)	59.28052 (14122218)	61.21521 (17011901)	63.84655 (16120919)
4215900.6	57.53960 (14112117)	59.21207 (14112117)	60.49326 (15120318)	62.97621 (14122218)	64.90535 (14122218)
4215880.6	58.05568 (14112117)	60.82492 (14112117)	63.10009 (14112117)	64.73221 (14112117)	66.89992 (14122218)
4215860.6	58.81192 (14121419)	60.73492 (14122205)	64.17102 (14112117)	67.16391 (14112117)	69.49466 (14112117)
4215840.6	59.93099 (14121608)	62.23638 (14121608)	64.75805 (14121419)	67.51145 (14112117)	71.34705 (14112117)
4215820.6	60.84029 (13012606)	63.08514 (14121608)	66.16519 (14121608)	68.90242 (14121419)	71.78310 (14121419)
4215800.6	61.68365 (14010901)	64.32674 (14010901)	67.24599 (13012606)	69.96470 (14121608)	73.57917 (14121608)
4215780.6	63.33230 (13110819)	65.88040 (14010819)	68.18089 (14010901)	71.41803 (14010901)	74.87360 (13012606)
4215760.6	64.93486 (15110106)	67.48228 (15110106)	70.33646 (13110819)	73.31648 (14010819)	76.22247 (14010819)
4215740.6	65.85667 (13112007)	68.55321 (15110105)	71.98113 (15110106)	75.33058 (15110106)	78.65214 (13110819)
4215720.6	66.51695 (14120923)	69.62531 (13112007)	73.15424 (13112007)	76.56791 (13112007)	80.20533 (15110106)
4215700.6	66.97507 (14120923)	70.51013 (14120923)	74.07097 (14120923)	77.58677 (14120923)	81.51044 (13112007)
4215680.6	67.95091 (14122124)	71.06731 (14122124)	74.20153 (14122124)	77.97485 (14121803)	82.50990 (14120923)
4215660.6	94.88938 (16110523)	71.16883 (16110523)	75.06941 (14122124)	79.25651 (14122124)	83.54323 (14122124)
4215640.6	97.60078 (14111220)	101.25179 (16110523)	76.52266 (16110523)	80.44577 (16110523)	84.49140 (16110523)
4215620.6	98.41706 (16013021)	101.57359 (14111220)	76.87979 (15110220)	80.98646 (14111220)	85.55912 (14111220)
4215600.6	101.53137 (15120817)	104.76142 (15120817)	108.12599 (15120817)	82.00074 (15120817)	86.16600 (15120817)
4215580.6	101.61368 (16012421)	105.19363 (16012421)	109.13070 (15120817)	114.13943 (15120817)	120.71525 (15120817)
4215560.6	102.87719 (13112102)	106.50123 (13112102)	110.91053 (13112102)	115.10898 (13112102)	121.44646 (13112102)
4215540.6	107.96326 (14012720)	113.05313 (14012720)	118.29329 (14012720)	123.95724 (14012720)	131.09137 (14012720)

 4215520.6 | 128.66304 (14012720)   134.73520 (14012720)   140.87864 (14012720)   147.51788 (14012720)
156.26549 (14012720)
 4215500.6 | 140.00624 (14012720)   145.58875 (14012720)   151.55648 (14012720)   157.94960 (14012720)
166.56875 (14012720)
 4215480.6 | 139.70322 (16012422)   144.72032 (16012422)   150.49069 (14010718)   157.32700 (14010718)
164.58742 (14010718)
 4215460.6 | 139.14026 (13112022)   144.95758 (13112022)   150.96929 (13112022)   157.68701 (13112022)
164.64309 (13112022)
 4215440.6 | 137.40521 (13112022)   141.09828 (13112022)   145.11350 (13112022)   150.77227 (16011321)
159.48954 (16011321)
 4215420.6 | 137.18756 (16011321)   143.68908 (16011321)   149.67886 (16011321)   155.45529 (16011321)
160.91186 (16011321)
 4215400.6 | 136.35489 (16011321)   139.87829 (16011321)   142.63708 (13111718)   151.89678 (13111718)
161.38913 (13111718)
 4215380.6 | 136.71937 (13111718)   143.44248 (13111718)   149.60682 (13111718)   155.02072 (13111718)
162.08094 (13121818)
 4215360.6 | 138.06294 (13121818)   143.12051 (13121818)   149.04021 (13110818)   154.79781 (13110818)
158.82497 (13110818)
 4215340.6 | 137.38880 (13110818)   140.49425 (13110818)   142.62575 (13110818)   148.63999 (16012924)
157.97503 (16012924)
 4215320.6 | 130.32424 (16012924)   138.63855 (16012924)   146.10924 (16012924)   151.62113 (16012924)
157.03141 (16011921)
 4215300.6 | 135.00926 (16012924)   139.17501 (16012924)   143.76306 (16011921)   146.54582 (16011921)
147.60731 (16011921)
 4215280.6 | 132.41653 (16011921)   134.10888 (16011921)   133.68524 (16011921)   130.96505 (16011921)
133.99787 (15111722)
 4215260.6 | 122.20900 (16011921)   119.24678 (16011921)   121.35334 (15111722)   134.70075 (15111722)
146.72781 (15111722)
 4215240.6 | 110.86183 (15111722)   122.74903 (15111722)   133.20462 (15111722)   141.73470 (15111722)
147.62612 (15111722)
 4215220.6 | 122.27344 (15111722)   130.12866 (15111722)   135.75215 (15111722)   138.01436 (15111722)
142.86190 (14122917)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                                INCLUDING SOURCE(S):   BREATH   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
 -
- - - - - - - -

 4215200.6 | 125.55661 (15111722)   128.33016 (15111722)   131.06057 (14122917)   136.69653 (16123020)
142.59152 (13111119)
 4215180.6 | 120.68229 (14122917)   125.66440 (16123020)   130.58631 (16123020)   135.42709 (13111119)
139.66577 (15110619)
 4215160.6 | 121.20101 (16123020)   125.37273 (13111119)   128.80961 (15110619)   132.09402 (15110619)
132.59318 (13012502)
 4215140.6 | 120.15733 (13111119)   123.36896 (15110619)   124.76841 (15110619)   127.79639 (13012502)
133.22958 (13012502)
 4215120.6 | 117.71225 (15110619)   117.51248 (15110619)   122.75364 (13012502)   126.74394 (13012502)
129.25017 (14122918)
 4215100.6 | 111.97856 (13012502)   117.94221 (13012502)   120.49244 (13012502)   122.77663 (14122918)
127.05281 (13121819)
 4215080.6 | 113.18004 (13012502)   115.47980 (14122918)   116.65913 (15122504)   121.38476 (13121819)
125.22879 (13012521)
 4215060.6 | 110.48684 (14122918)   111.94559 (13121819)   116.06631 (13121819)   119.59268 (13012521)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                               INCLUDING SOURCE(S):   BREATH   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
 -
- - - - - - - -

 4216000.6 | 63.86743 (16112905)   70.37638 (16112905)   75.79060 (16112905)   79.59203 (16112905)
82.59021 (15011724)
 4215980.6 | 60.39280 (16120906)   67.81439 (16112905)   74.95302 (16112905)   80.84085 (16112905)
84.87255 (16112905)
 4215960.6 | 62.42539 (15120921)   64.17512 (16120906)   72.20288 (16112905)   80.05913 (16112905)
86.48481 (16112905)
 4215940.6 | 64.86232 (13111908)   66.49265 (15120921)   68.41977 (16120907)   77.09393 (16112905)
85.78581 (16112905)
 4215920.6 | 67.06157 (13111908)   69.31291 (13111908)   71.00955 (15120921)   73.23056 (16120907)
82.57844 (16112905)
 4215900.6 | 67.78324 (16120919)   71.40162 (13111908)   74.24843 (13111908)   76.05317 (15120921)
78.62820 (16120907)
 4215880.6 | 69.47946 (14122218)   72.23829 (17011901)   76.16759 (13111908)   79.74789 (13111908)
81.85351 (13111908)
 4215860.6 | 71.18839 (15120318)   74.44040 (14122218)   77.24033 (17011901)   81.41086 (13111908)
85.88520 (13111908)
 4215840.6 | 74.54846 (14112117)   76.88472 (14112117)   79.80907 (14122218)   83.10828 (14122218)
87.30083 (16120919)
 4215820.6 | 75.61454 (14112117)   79.86233 (14112117)   83.24539 (14112117)   85.64156 (15120318)
90.02157 (14122218)
 4215800.6 | 76.90869 (14121419)   80.18129 (14121419)   85.36880 (14112117)   90.04522 (14112117)
93.53932 (14112117)
 4215780.6 | 78.22153 (14121608)   82.50470 (14121608)   86.56083 (14121419)   90.91710 (14112117)
97.20519 (14112117)
 4215760.6 | 79.92136 (14010901)   84.08520 (13012606)   88.26611 (14121608)   93.41732 (14121608)
98.40800 (14121419)
 4215740.6 | 82.16842 (14010819)   85.96312 (14010819)   90.26831 (14010901)   95.40920 (13012606)
100.71952 (14121608)
 4215720.6 | 84.55571 (15110106)   88.65174 (15110106)   93.14861 (13110819)   97.98796 (14010819)
103.15285 (14010901)
 4215700.6 | 86.05480 (13112007)   90.47411 (13112007)   95.62293 (15110106)   101.31762 (15110106)
106.98728 (13110819)
 4215680.6 | 87.24808 (14120923)   91.99581 (14120923)   97.24211 (13112007)   103.49750 (13112007)
109.61614 (13112007)
 4215660.6 | 87.94568 (14122124)   92.42004 (14122124)   98.30797 (14120923)   105.06896 (14120923)
111.92034 (14120923)
 4215640.6 | 88.69683 (16110523)   93.67111 (14122124)   99.83559 (14122124)   106.33745 (14122124)
113.13745 (14122124)
 4215620.6 | 90.41311 (14111220)   95.60467 (14111220)   101.62451 (16110523)   108.07515 (16110523)
114.96702 (16110523)
 4215600.6 | 90.63512 (15120817)   95.72631 (15110220)   101.97856 (15110220)   108.88028 (15110220)
116.50922 (14111220)

 4215580.6 | 127.86749 (15120817)   135.66150 (15120817)   143.47404 (15120817)   111.25267 (15120817)
118.91344 (15120817)
 4215560.6 | 128.37982 (13112102)   135.98937 (13112102)   143.67090 (13112102)   110.10815 (15110618)
117.19474 (14121619)
 4215540.6 | 138.92580 (14012720)   147.56074 (14012720)   156.74098 (14012720)   166.10520 (14012720)
151.20035 (15110618)
 4215520.6 | 165.88328 (14012720)   176.49585 (14012720)   187.64899 (14012720)   198.71680 (14012720)
211.71662 (14012720)
 4215500.6 | 175.32471 (14012720)   184.84595 (14012720)   195.22383 (14012720)   205.84360 (14012720)
217.45136 (14012720)
 4215480.6 | 172.89237 (14010718)   181.74073 (14010718)   190.92272 (13112022)   203.44996 (13112022)
216.95065 (13112022)
 4215460.6 | 171.81529 (13112022)   179.16891 (13112022)   187.28089 (13112022)   195.48525 (13112022)
209.35815 (16011321)
 4215440.6 | 168.92148 (16011321)   178.52285 (16011321)   188.17243 (16011321)   199.07810 (16011321)
209.04785 (16011321)
 4215420.6 | 166.45217 (16011321)   170.99737 (13111718)   183.99741 (13111718)   198.21205 (13111718)
212.13581 (13111718)
 4215400.6 | 169.96763 (13111718)   177.79314 (13111718)   186.62067 (13121818)   198.23483 (13110818)
210.16933 (13110818)
 4215380.6 | 169.45883 (13110818)   176.52157 (13110818)   182.53911 (13110818)   188.43327 (16012924)
205.27257 (16012924)
 4215360.6 | 161.23891 (13110818)   171.24334 (16012924)   183.01829 (16012924)   193.27918 (16012924)
203.24872 (16011921)
 4215340.6 | 165.69036 (16012924)   171.97410 (16011921)   178.88835 (16011921)   183.68138 (16011921)
184.40577 (16011921)
 4215320.6 | 161.76267 (16011921)   163.28260 (16011921)   162.39464 (16011921)   167.20658 (15111722)
187.83877 (15111722)
 4215300.6 | 145.54622 (16011921)   149.00428 (15111722)   166.44929 (15111722)   181.40182 (15111722)
192.14927 (15111722)
 4215280.6 | 149.32228 (15111722)   162.70661 (15111722)   172.81885 (15111722)   177.84580 (15111722)
186.37639 (16123020)
 4215260.6 | 156.54490 (15111722)   162.36335 (15111722)   167.37266 (14122917)   176.22375 (16123020)
184.69543 (13111119)
 4215240.6 | 150.71434 (14122917)   159.05540 (16123020)   166.99421 (13111119)   173.66663 (15110619)
177.24371 (15110619)
 4215220.6 | 149.94857 (16123020)   157.04864 (13111119)   162.47456 (15110619)   163.80878 (13012502)
173.99588 (13012502)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                               INCLUDING SOURCE(S):   BREATH   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
 -
- - - - - - - -

 4215200.6 | 147.45087 (15110619)   151.52749 (15110619)   155.83144 (13012502)   162.98640 (13012502)
167.42379 (14122918)
 4215180.6 | 140.98837 (15110619)   147.42091 (13012502)   152.37658 (13012502)   155.95477 (14122918)
164.04003 (13012521)
 4215160.6 | 139.92275 (13012502)   143.57544 (14122918)   147.06541 (13121819)   154.34699 (13012521)
158.78114 (13012521)
 4215140.6 | 136.07912 (14122918)   139.54273 (13121819)   145.25321 (13012521)   148.45745 (13012521)
144.27416 (13012521)
 4215120.6 | 133.09695 (13121819)   138.12950 (13012521)   139.49256 (13012521)   134.88781 (13012521)

137.25599 (16110522)
 4215100.6 | 131.30129 (13012521)   132.16036 (13012521)   126.92510 (13012521)   129.39679 (16110522)
139.42019 (15013018)
 4215080.6 | 125.43349 (13012521)   120.10391 (13012521)   122.31605 (16110522)   130.91274 (15013018)
141.24013 (15013018)
 4215060.6 | 113.86099 (13012521)   116.05022 (16110522)   123.41817 (15013018)   133.63874 (15013018)
136.85184 (15013018)
 4215040.6 | 110.32549 (16110522)   116.75158 (15013018)   126.87345 (15013018)   130.72571 (15013018)
127.55797 (15013018)
 4215020.6 | 110.61399 (15013018)   120.40640 (15013018)   124.96426 (15013018)   122.92050 (15013018)
123.37791 (14110917)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                               INCLUDING SOURCE(S):   BREATH   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -
- - - - - - - -

 4216000.6 | 84.69479 (16121317)   86.86379 (15010623)   88.90057 (16120805)   93.74721 (15011617)
96.22457 (15011617)
 4215980.6 | 88.07201 (15011724)   90.68870 (16121317)   92.93331 (15010623)   95.44603 (15011617)
100.99483 (15011617)
 4215960.6 | 90.75964 (16112905)   94.21925 (15011724)   97.29636 (16121317)   99.50929 (15010623)
103.93212 (15011617)
 4215940.6 | 92.82174 (16112905)   97.53150 (15011724)   101.02772 (15011724)   104.57336 (16121317)
106.76236 (16120805)
 4215920.6 | 92.23575 (16112905)   99.96886 (16112905)   105.22273 (15011724)   108.63803 (15011724)
112.64370 (16121317)
 4215900.6 | 88.75098 (16112905)   99.54460 (16112905)   108.08548 (16112905)   113.94545 (15011724)
117.93987 (16121317)
 4215880.6 | 84.73079 (16120907)   95.73943 (16112905)   107.87953 (16112905)   117.36643 (16112905)
123.89906 (15011724)
 4215860.6 | 88.72843 (13111908)   91.73560 (15120921)   103.68876 (16112905)   117.44783 (16112905)
128.05979 (16112905)
 4215840.6 | 92.75134 (13111908)   96.53265 (13111908)   99.86277 (15120921)   112.82851 (16112905)
128.57199 (16112905)
 4215820.6 | 94.21012 (17011901)   100.44831 (13111908)   105.45503 (13111908)   109.24102 (15120921)
123.41301 (16112905)
 4215800.6 | 97.62040 (14122218)   102.15179 (17011901)   109.11862 (13111908)   115.71935 (13111908)
120.15345 (15120921)
 4215780.6 | 102.34188 (14112117)   105.92774 (14122218)   112.07306 (14122218)   118.92937 (13111908)
127.64279 (13111908)
 4215760.6 | 104.65071 (14112117)   111.88597 (14112117)   117.42654 (14112117)   123.49618 (14122218)
130.77208 (17011901)
 4215740.6 | 107.07164 (14121608)   113.34013 (14121419)   122.09057 (14112117)   130.38221 (14112117)
136.36437 (14122218)
 4215720.6 | 109.71817 (13012606)   116.60940 (14121608)   124.58765 (14121608)   132.75952 (14112117)
144.70556 (14112117)
 4215700.6 | 113.15829 (14010819)   119.62452 (14010901)   128.18804 (13012606)   137.40586 (14121608)
147.85389 (14121419)
 4215680.6 | 117.12926 (15110106)   124.72418 (15110106)   132.79319 (13110819)   141.56628 (14010819)
152.71463 (13012606)
 4215660.6 | 119.34279 (13112007)   128.22790 (13112007)   137.15845 (15110106)   148.24597 (15110106)
159.36939 (13110819)

 4215640.6 | 120.51445 (14111519)   130.33342 (14120923)   140.65665 (14120923)   151.71106 (13112007)
165.14297 (13112007)
 4215620.6 | 122.25634 (16110523)   132.03040 (14122124)   142.73989 (14122124)   154.10981 (14122124)
167.91054 (14120923)
 4215600.6 | 125.23314 (14111220)   134.74604 (14111220)   145.59236 (16110523)   157.84541 (16110523)
171.19477 (16110523)
 4215580.6 | 127.35758 (15120817)   136.78156 (15120817)   147.28069 (15120817)   159.04091 (15110220)
174.25240 (15110220)
 4215560.6 | 125.75450 (14121619)   136.09695 (15120817)   147.98390 (15120817)   161.55630 (15120817)
177.29142 (15120817)
 4215540.6 | 162.70039 (15110618)   175.72403 (15110618)   190.42522 (15110618)   207.45917 (15110618)
227.17887 (15110618)
 4215520.6 | 186.73175 (15110618)   201.98108 (15110618)   219.19791 (15110618)   239.15313 (15110618)
262.24990 (15110618)
 4215500.6 | 230.81032 (16012422)   201.72344 (15110618)   216.84679 (15110618)   233.73504 (15110618)
254.51091 (14123005)
 4215480.6 | 230.64949 (13112022)   245.27079 (13112022)   213.69076 (14123005)   229.84035 (14123005)
246.97537 (14123005)
 4215460.6 | 225.83269 (16011321)   242.25157 (16011321)   214.36146 (14121020)   233.07862 (14121020)
252.35704 (14121020)
 4215440.6 | 219.10866 (16011321)   238.72657 (13111718)   257.51119 (13111718)   222.84986 (15121208)
242.46890 (15121208)
 4215420.6 | 225.74192 (13121818)   240.48076 (13110818)   256.12970 (13110818)   267.99741 (13110818)
239.16676 (14012217)
 4215400.6 | 220.08879 (13110818)   231.04143 (16012924)   251.08000 (16012924)   266.58825 (16012924)
281.26402 (16011921)
 4215380.6 | 220.84018 (16012924)   232.24982 (16011921)   241.92002 (16011921)   245.42680 (16011921)
256.34801 (15111722)
 4215360.6 | 210.82445 (16011921)   212.19629 (16011921)   219.48058 (15111722)   246.67049 (15111722)
268.02877 (15111722)
 4215340.6 | 191.13025 (15111722)   214.58504 (15111722)   232.64723 (15111722)   243.66029 (15111722)
258.22197 (16123020)
 4215320.6 | 204.79198 (15111722)   215.55876 (15111722)   223.65594 (16123020)   239.20269 (13111119)
251.56325 (15110619)
 4215300.6 | 198.12212 (14122917)   209.69396 (16123020)   221.37293 (13111119)   229.80745 (15110619)
241.37983 (13012502)
 4215280.6 | 196.90643 (13111119)   206.05195 (15110619)   209.49456 (15110619)   222.88729 (13012502)
229.76627 (13121819)
 4215260.6 | 191.15738 (15110619)   197.18321 (13012502)   206.07255 (13012502)   213.67560 (13121819)
225.78843 (13012521)
 4215240.6 | 185.72334 (13012502)   192.04033 (14122918)   199.37524 (13121819)   208.62062 (13012521)
207.16556 (13012521)
 4215220.6 | 179.62722 (14122918)   186.59509 (13121819)   194.16399 (13012521)   191.51147 (13012521)
193.45453 (16110522)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                               INCLUDING SOURCE(S):   BREATH   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -
- - - - - - - -

 4215200.6 | 174.67385 (13121819)   181.41312 (13012521)   177.86681 (13012521)   179.38466 (16110522)
198.58591 (15013018)
 4215180.6 | 169.64334 (13012521)   165.51047 (13012521)   167.09476 (16110522)   184.46768 (15013018)

193.69831 (15013018)
 4215160.6 | 154.54848 (13012521)   156.22314 (16110522)   171.94384 (15013018)   181.77454 (15013018)
178.45514 (15013018)
 4215140.6 | 146.24662 (16110522)   160.37389 (15013018)   170.56503 (15013018)   169.61861 (15013018)
178.24891 (14110917)
 4215120.6 | 149.15737 (15013018)   160.03467 (15013018)   160.64486 (15013018)   163.64960 (14110917)
176.65131 (14110917)
 4215100.6 | 150.17595 (15013018)   151.99292 (15013018)   150.26557 (14110917)   164.84317 (14110917)
167.73682 (14110917)
 4215080.6 | 143.98447 (15013018)   138.40374 (15013018)   153.29247 (14110917)   159.33485 (14110917)
153.27419 (14110917)
 4215060.6 | 132.36366 (15013018)   142.16693 (14110917)   150.27316 (14110917)   148.12175 (14110917)
147.35847 (13121808)
 4215040.6 | 132.26869 (14110917)   141.64686 (14110917)   142.13696 (14110917)   134.32232 (13121808)
145.88841 (13121808)
 4215020.6 | 133.74460 (14110917)   136.32024 (14110917)   130.39288 (14110917)   135.50656 (13121808)
140.41458 (13121808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                               INCLUDING SOURCE(S):   BREATH   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
 -
- - - - - - - -

 4216000.6 | 98.02335 (14111305)   100.66491 (14120718)   101.81910 (14120718)   104.99536 (14120905)
106.41530 (16012122)
 4215980.6 | 102.69581 (14111305)   105.11738 (16110801)   108.23920 (14120718)   110.20989 (14120905)
112.82452 (16121318)
 4215960.6 | 108.66257 (15011617)   110.73611 (14111305)   113.49151 (16110801)   115.62140 (14120718)
119.23166 (14120905)
 4215940.6 | 113.22125 (15011617)   116.69893 (15011617)   119.21315 (15011619)   123.25638 (14120718)
125.82605 (14120905)
 4215920.6 | 115.95279 (16120805)   123.33015 (15011617)   126.13643 (14111305)   129.79941 (16110801)
132.98641 (14120718)
 4215900.6 | 122.11348 (15010623)   127.20308 (15011617)   134.30868 (15011617)   137.30845 (14111305)
142.20826 (14120718)
 4215880.6 | 130.14147 (14121816)   132.86093 (15010623)   140.68248 (15011617)   146.05160 (15011617)
150.40123 (16110801)
 4215860.6 | 135.36429 (15011724)   146.36654 (14121816)   145.04319 (16120805)   155.75921 (15011617)
160.50938 (14111305)
 4215840.6 | 140.52565 (16112905)   151.09064 (14121816)   164.84658 (14121816)   161.02164 (15011617)
172.49276 (15011617)
 4215820.6 | 141.62624 (16112905)   155.18971 (16112905)   173.93062 (14121816)   186.57945 (14121816)
181.90734 (15011617)
 4215800.6 | 135.87341 (16112905)   157.12196 (16112905)   172.58666 (16112905)   202.22094 (14121816)
211.67505 (14121816)
 4215780.6 | 133.04483 (15120921)   150.62244 (16112905)   175.72441 (16112905)   196.59496 (14121816)
236.35310 (14121816)
 4215760.6 | 141.60293 (13111908)   149.04583 (13111908)   168.29900 (16112905)   198.35563 (16112905)
235.17253 (14121816)
 4215740.6 | 145.32357 (14122218)   157.98463 (13111908)   168.66881 (13111908)   189.74756 (16112905)
226.40958 (16112905)
 4215720.6 | 154.13148 (14112117)   163.86889 (14122218)   177.36819 (13111908)   192.70740 (13111908)
216.25407 (16112905)

 4215700.6 | 160.11584 (14112117)   174.67700 (14112117)   185.48749 (14122218)   201.08256 (17011901)
222.74724 (13111908)
 4215680.6 | 165.27506 (14121608)   179.50128 (14121419)   197.80534 (14112117)   215.78239 (14112117)
233.39065 (14122218)
 4215660.6 | 171.55524 (14010819)   186.24393 (13012606)   204.28042 (14121608)   224.63361 (14121419)
252.52521 (14112117)
 4215640.6 | 179.47379 (15110106)   195.91937 (15110106)   213.65376 (14010819)   234.77151 (13012606)
262.50214 (14121608)
 4215620.6 | 184.49998 (14120923)   202.17402 (13112007)   223.99010 (13112007)   249.31312 (15110106)
277.46045 (13110819)
 4215600.6 | 187.14857 (14122124)   206.89604 (14122124)   228.49404 (14122124)   257.53188 (14120923)
290.58571 (13112007)
 4215580.6 | 191.36704 (15110220)   211.88490 (14111220)   235.66274 (16110523)   264.46435 (16110523)
297.95089 (16110523)
 4215560.6 | 195.38794 (15120817)   216.60344 (15120817)   241.70898 (15120817)   271.86637 (15120817)
308.70644 (15120817)
 4215540.6 | 249.60851 (15110618)   275.99682 (15110618)   307.39606 (15110618)   345.63443 (15110618)
393.46115 (15110618)
 4215520.6 | 288.47604 (15110618)   319.27828 (15110618)   355.83029 (15110618)   400.18045 (15110618)
454.82177 (15110618)
 4215500.6 | 280.84242 (14123005)   311.07501 (14123005)   345.85006 (14123005)   386.31001 (14123005)
433.90814 (14123005)
 4215480.6 | 275.14964 (14121020)   307.66641 (14121020)   343.58150 (14121020)   382.82778 (14121020)
428.92075 (16112720)
 4215460.6 | 273.86617 (16112720)   295.54732 (16112720)   327.72178 (15121208)   361.66803 (13110818)
416.55702 (14012217)
 4215440.6 | 260.67201 (13110818)   290.59568 (14012217)   322.57203 (15012818)   355.85895 (15012818)
381.02360 (15012818)
 4215420.6 | 261.40789 (15012818)   280.36087 (15012818)   292.35115 (15012818)   323.43313 (15110219)
364.06559 (15110219)
 4215400.6 | 292.10243 (16011921)   309.85756 (15111722)   356.28621 (15111722)   317.89794 (16112101)
346.05703 (16112101)
 4215380.6 | 292.34601 (15111722)   319.49000 (15111722)   343.44513 (16123020)   374.61277 (15110619)
326.40784 (16111424)
 4215360.6 | 282.96327 (14122917)   308.51320 (13111119)   330.88732 (15110619)   354.43383 (13012502)
376.94266 (13121819)
 4215340.6 | 277.21970 (13111119)   291.22054 (15110619)   314.13374 (13012502)   335.54494 (13012521)
350.60888 (13012521)
 4215320.6 | 263.29964 (13012502)   279.92286 (14122918)   299.19708 (13012521)   309.70797 (13012521)
322.13968 (15013018)
 4215300.6 | 252.31916 (14122918)   269.74995 (13012521)   275.83550 (13012521)   284.29887 (15013018)
317.20874 (15013018)
 4215280.6 | 245.67374 (13012521)   247.96510 (13012521)   253.46492 (15013018)   283.88478 (15013018)
288.24230 (14110917)
 4215260.6 | 225.30427 (13012521)   228.96931 (16110522)   255.99220 (15013018)   259.60320 (15013018)
285.90433 (14110917)
 4215240.6 | 209.70995 (16110522)   233.07660 (15013018)   239.15976 (15013018)   256.03883 (14110917)
265.39265 (14110917)
 4215220.6 | 214.64799 (15013018)   221.79190 (15013018)   230.79184 (14110917)   245.25526 (14110917)
235.84897 (13121808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                               INCLUDING SOURCE(S):   BREATH   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539145.17	539165.17	539185.17	539205.17	539225.17
4216000.6	109.87504 (15121302)	110.66730 (15010808)	113.05101 (14112602)	115.59217 (16011217)	116.60203 (17011005)
4215980.6	115.47931 (14121720)	117.96788 (15121302)	119.02009 (14112602)	121.31872 (16011217)	123.94635 (16011217)
4215960.6	121.35581 (16012122)	125.49169 (15121302)	126.16941 (15010808)	128.37552 (14112602)	132.41256 (16011217)
4215940.6	128.91895 (16121318)	132.51377 (14121720)	134.02695 (15010808)	137.24696 (14112602)	141.17255 (16011217)
4215920.6	137.10799 (14120905)	140.08348 (14121720)	144.52063 (15121302)	146.02245 (14112602)	150.09665 (16011217)
4215900.6	145.64472 (14120905)	149.30419 (16121318)	154.52750 (15121302)	155.98661 (15010808)	159.07462 (16011217)
4215880.6	155.16552 (14120718)	160.06512 (16121318)	164.52682 (14121720)	168.05080 (15121302)	171.82914 (14112602)
4215860.6	166.40899 (14120718)	171.17514 (14120905)	175.35347 (16121318)	182.68928 (15121302)	185.33366 (14112602)
4215840.6	177.18153 (15011619)	184.07505 (14120718)	190.19426 (16121318)	196.49604 (14121720)	200.35747 (15010808)
4215820.6	190.81195 (15011617)	198.06200 (16110801)	205.35420 (14120905)	216.96625 (15120816)	219.84067 (15121302)
4215800.6	206.10678 (15011617)	213.99134 (14111305)	223.45156 (14120718)	234.07639 (15120816)	247.59827 (15120816)
4215780.6	240.36357 (14121816)	233.94880 (15011617)	242.87539 (16110801)	253.62430 (14120905)	288.42373 (15120816)

 4215760.6 | 279.48338 (14121816)   272.49338 (14121816)   265.50194 (15011617)   280.10655 (14120718)
320.77813 (15120816)
 4215740.6 | 286.12555 (14121816)   332.69081 (14121816)   306.91152 (14121816)   307.33612 (15011619)
334.25579 (15120816)
 4215720.6 | 261.97598 (16112905)   353.31764 (14121816)   402.79784 (14121816)   345.58664 (15011617)
365.03432 (14120718)
 4215700.6 | 249.73268 (16112905)   308.43671 (14121816)   449.53834 (14121816)   490.89324 (14121816)
410.29693 (14111305)
 4215680.6 | 260.88968 (13111908)   292.84710 (16112905)   396.75812 (14121816)   585.13942 (14121816)
594.06454 (14121816)
 4215660.6 | 275.39853 (14122218)   310.24066 (13111908)   350.03049 (16112905)   528.63752 (14121816)
780.43704 (14121816)
 4215640.6 | 295.45424 (14112117)   336.57127 (14112117)   376.10083 (16120919)   433.31588 (13111908)
735.19864 (14121816)
 4215620.6 | 310.64228 (14010901)   356.67196 (14121608)   416.07649 (14112117)   478.09689 (14122218)
569.10920 (13111908)
 4215600.6 | 332.40455 (13112007)   383.16739 (15110106)   441.18724 (14010819)   542.33408 (15120616)
644.92974 (14112117)
 4215580.6 | 351.44846 (15120916)   408.36675 (15120916)   476.47687 (14120923)   576.73274 (15110106)
706.42085 (14010819)
 4215560.6 | 353.70952 (15120817)   414.50520 (15110220)   529.28496 (15120916)   710.70149 (15120916)
954.76219 (15120916)
 4215540.6 | 452.83522 (15110618)   529.43617 (15110618)   630.08502 (15110618)   765.57122 (14012720)
967.37754 (14012720)
 4215520.6 | 523.27528 (15110618)   609.78504 (15110618)   721.18718 (15110618)   870.99756 (14123005)
1102.71821 (14123005)
 4215500.6 | 499.74517 (14121020)   593.83871 (14121020)   704.71485 (14121020)   839.25652 (16112720)
1059.45148 (14012217)
 4215480.6 | 485.15204 (15121208)   559.46207 (14012217)   675.55215 (14012217)   788.07483 (15012818)
933.13352 (15110219)
 4215460.6 | 473.92224 (15012818)   525.26894 (15012818)   599.11507 (15110219)   719.82589 (16112101)
847.41717 (16013101)
 4215440.6 | 425.98149 (15110219)   490.60364 (16112101)   563.54118 (16112101)   647.37019 (16111424)
741.67106 (13012521)
 4215420.6 | 413.91993 (16112101)   457.84588 (16013101)   520.28971 (14012820)   578.49306 (16110522)
662.79392 (13122017)
 4215400.6 | 383.51264 (16013101)   430.54799 (14012820)   469.98248 (16110522)   526.02192 (13122017)
593.40522 (14110917)
 4215380.6 | 362.53112 (14012820)   391.39386 (16110522)   430.33539 (13122017)   469.46286 (14110917)
516.42628 (14110917)
 4215360.6 | 332.71483 (16110522)   360.42229 (13122017)   379.67127 (14110917)   433.89322 (14110917)
455.43606 (16110521)
 4215340.6 | 367.38300 (15013018)   326.41013 (13122017)   366.35901 (14110917)   377.86523 (16111524)
401.57060 (15112002)
 4215320.6 | 356.43661 (15013018)   382.35959 (14110917)   325.51939 (14110917)   347.11194 (16110521)
362.69487 (16121307)
 4215300.6 | 331.05940 (14110917)   356.31711 (14110917)   295.91784 (16110521)   310.52188 (15112002)
326.35878 (16121307)
 4215280.6 | 320.24455 (14110917)   312.37818 (13121808)   332.26056 (13111121)   285.50264 (16121307)
299.81219 (14122408)
 4215260.6 | 287.17689 (14110917)   298.40164 (13121808)   313.16627 (13111121)   262.39631 (16121307)
274.45659 (14111418)
 4215240.6 | 266.28753 (13121808)   282.24903 (13111121)   293.80400 (14110418)   242.31018 (14122408)
249.09992 (17123124)
 4215220.6 | 250.79830 (13121808)   265.12754 (13111121)   275.61672 (14110418)   225.25010 (14111418)
232.15268 (17123124)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                               INCLUDING SOURCE(S):   BREATH   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
 Y-COORD  |                                                  X-COORD (METERS)
 (METERS) |      539145.17              539165.17              539185.17              539205.17
539225.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |    241.18958 (13111121)    250.01420 (14110418)    251.97350 (15121718)    256.85221 (13112103)
213.86586 (17123124)
 4215180.6 |    227.81274 (13111121)    237.38826 (14110418)    235.04285 (14012722)    240.47640 (16112721)
197.56787 (16113007)
 4215160.6 |    216.21912 (14110418)    219.28296 (15121718)    222.43569 (14012722)    227.45201 (14012905)
186.01893 (16113007)
 4215140.6 |    207.22490 (14110418)    203.27652 (15111721)    209.70392 (13112103)    213.39434 (14012905)
216.93729 (14110821)
 4215120.6 |    194.01817 (14110418)    194.41326 (14012722)    198.27665 (16112721)    201.58448 (14112820)
202.66846 (14110821)
 4215100.6 |    181.51079 (15121718)    184.84239 (13112103)    188.54633 (14012905)    191.27116 (14112820)
195.33108 (16110617)
 4215080.6 |    172.99471 (14012722)    175.72562 (13112103)    178.67994 (14012905)    181.82901 (14110821)
187.82519 (16110617)
 4215060.6 |    166.67799 (14012722)    166.93413 (16112721)    168.67793 (14112820)    172.48867 (14110821)
179.28844 (16110617)
 4215040.6 |    159.52719 (13112103)    160.92064 (14012905)    162.40876 (14112820)    163.31899 (14110821)
171.06958 (16110617)
 4215020.6 |    152.56463 (13112103)    154.17252 (14012905)    155.99707 (14110821)    158.14706 (16110617)
163.22974 (16110617)
```


*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***

INCLUDING SOURCE(S):   BREATH   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
 Y-COORD  |                                                  X-COORD (METERS)
 (METERS) |      539245.17              539265.17              539285.17              539305.17
539325.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |    117.60796 (16011818)    119.19227 (14120202)    118.23869 (16010221)    112.10633 (16011017)
111.10053 (16011017)
 4215980.6 |    125.23343 (16011818)    126.60368 (14120202)    125.94335 (16010221)    119.75901 (16010221)
118.26913 (16011017)
 4215960.6 |    133.45160 (16011818)    134.72872 (14120202)    134.42595 (16010221)    128.57891 (16010221)
126.26069 (16011017)
 4215940.6 |    142.14855 (16011818)    143.77552 (14111304)    143.78979 (16010221)    138.47056 (16010221)
135.13920 (16011017)
 4215920.6 |    152.21950 (17011005)    154.05969 (14111304)    154.15364 (16010221)    149.62050 (16010221)
145.22314 (16011017)
 4215900.6 |    163.40777 (16011217)    165.21459 (14111304)    166.61291 (14120202)    162.25823 (16010221)
156.65708 (16011017)
 4215880.6 |    177.39559 (16011217)    179.20095 (16011818)    181.02122 (14120202)    176.50314 (16010221)
169.60844 (16011017)
 4215860.6 |    192.06731 (16011217)    194.78013 (16011818)    197.05606 (14120202)    192.63950 (16010221)
184.37787 (16011017)
 4215840.6 |    207.26634 (16011217)    211.57653 (17011005)    214.90679 (14120202)    211.46618 (16010221)
201.48265 (16011017)
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 4215820.6 | 224.82629 (14112602)   231.40595 (17011005)   235.27111 (14120202)   233.09806 (16010221)
221.65447 (16011017)
 4215800.6 | 247.42857 (14112602)   256.52906 (16011217)   259.45833 (14111304)   258.75119 (16010221)
245.32573 (16011017)
 4215780.6 | 272.37923 (15010808)   284.80695 (16011217)   288.71581 (16011818)   289.51641 (16010221)
274.15560 (16011017)
 4215760.6 | 325.20022 (15120816)   314.95191 (16011217)   325.62771 (16011818)   326.39185 (16010221)
309.55398 (16011017)
 4215740.6 | 399.39153 (15120816)   355.31716 (16011117)   368.56499 (17011005)   372.13350 (14120202)
353.13306 (16011017)
 4215720.6 | 466.01074 (15120816)   436.74869 (15120816)   424.12454 (16011217)   431.83134 (14120202)
408.28751 (16011017)
 4215700.6 | 501.41567 (15120816)   582.69933 (15120816)   493.05160 (16011217)   506.86737 (14120202)
479.87697 (16011017)
 4215680.6 | 504.52031 (14120718)   733.62331 (15120816)   587.85377 (15120816)   601.44132 (14111304)
575.26129 (16011017)
 4215660.6 | 704.69002 (14121816)   826.54841 (15120816)   902.19248 (15120816)   732.51597 (16011818)
706.54021 (16011017)
 4215640.6 | 1077.51893 (14121816)   784.60100 (14121816)   1311.76640 (15120816)   924.66874 (16011217)
902.90075 (13110518)
 4215620.6 | 1086.07339 (14121816)   1541.04077 (14121816)   1619.24397 (15120816)   1403.46690 (15120816)
1216.34794 (13110518)
 4215600.6 | 788.84770 (13111908)   1764.45488 (14121816)   2169.13873 (14121816)   2793.73302 (15120816)
1752.05950 (13110518)
 4215580.6 | 1037.48493 (15120616)   1242.18197 (14121811)   3226.75723 (14121816)   4171.56145 (15120816)
3000.09024 (15112809)
 4215560.6 | 1230.73361 (15120916)   1437.69352 (15120616)   2637.28015 (15120616)   6445.60887 (14121816)
5098.71556 (16102908)
 4215540.6 | 1274.09657 (14012720)   1766.46401 (14012720)   3193.14416 (15120916)   6391.24938 (15120916)
5372.04198 (16071220)
 4215520.6 | 1444.73721 (13112022)   2033.58850 (16011321)   3219.25653 (14012217)   5423.69889 (17011216)
8560.88566 (16060619)
 4215500.6 | 1385.71525 (14012217)   1958.28309 (17011216)   2505.17514 (13012502)   3627.31329 (14110917)
4251.47499 (16110923)
 4215480.6 | 1194.02495 (17011216)   1488.09950 (13012521)   1951.47419 (14110917)   2340.16554 (14110418)
2571.50041 (16110923)
 4215460.6 | 1011.91587 (14012820)   1213.80841 (15013018)   1424.36366 (16110521)   1640.18683 (14012905)
1728.95235 (16110923)
 4215440.6 | 869.44965 (13122017)   1021.20747 (14110917)   1135.13311 (14110418)   1276.20296 (16110617)
1263.12282 (15121818)
 4215420.6 | 769.00122 (14110917)   825.29275 (16110521)   901.71201 (14111418)   1007.77564 (16110617)
988.04624 (16112105)
 4215400.6 | 633.34547 (16111524)   695.78939 (14110418)   748.51905 (17123124)   801.56956 (16110617)
799.12409 (16112105)
 4215380.6 | 551.08575 (15112002)   591.57475 (14122408)   625.74853 (13110719)   652.21494 (14121301)
663.77166 (16112105)
 4215360.6 | 482.88131 (14110418)   511.05079 (14111418)   548.75273 (16110617)   557.71624 (16111218)
563.02733 (16112105)
 4215340.6 | 424.60735 (14122408)   450.43297 (17123124)   483.59314 (16110617)   482.39573 (16111218)
485.69074 (16112105)
 4215320.6 | 382.82522 (14111418)   393.84976 (17123124)   424.74337 (16110617)   421.81357 (16111218)
424.80060 (16112105)
 4215300.6 | 340.71620 (14111418)   357.56529 (13110719)   373.28149 (16110617)   371.66582 (15011924)
375.83888 (16112105)
 4215280.6 | 311.52201 (17123124)   324.30961 (16110617)   328.60708 (16110617)   333.54488 (16111319)
335.80238 (13111220)
 4215260.6 | 281.56194 (17123124)   298.61300 (16110617)   297.15148 (14121301)   302.05445 (16111319)
302.38954 (13111220)
 4215240.6 | 258.63314 (16113007)   273.76655 (16110617)   269.59187 (14121301)   275.00616 (16111319)
274.49663 (13111220)
 4215220.6 | 240.20492 (13110719)   250.24157 (16110617)   247.58303 (16111218)   251.60742 (16111319)
250.73316 (13111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539245.17	539265.17	539285.17	539305.17	539325.17
4215200.6	222.71298 (13110719)	228.47833 (16110617)	228.48295 (16111218)	231.22884 (16111319)	230.28553 (13111220)
4215180.6	208.24002 (16110617)	208.55419 (16110617)	211.28766 (16111218)	213.36811 (16111319)	212.53563 (13111220)
4215160.6	195.26684 (16110617)	192.47389 (14121301)	195.80214 (16111218)	197.62172 (16111319)	196.85824 (13111220)
4215140.6	182.50820 (16110617)	179.84389 (14121301)	181.84067 (16111218)	183.79842 (16111319)	183.45586 (13111220)
4215120.6	211.56548 (16110617)	207.42005 (14012823)	169.35365 (16111218)	171.47044 (16111319)	171.54629 (13111220)
4215100.6	198.37696 (16110617)	196.25482 (14012823)	194.27508 (16112102)	160.53142 (16111319)	160.80282 (13111220)
4215080.6	185.61046 (16110617)	186.35749 (14012823)	184.02304 (16112102)	150.67637 (16111319)	151.25793 (13111220)
4215060.6	174.51737 (14012904)	176.95548 (14012823)	174.55010 (16112102)	141.94557 (15121818)	142.64625 (13111220)
4215040.6	165.37338 (15121905)	168.04790 (14012823)	166.40772 (16112102)	163.07621 (16110923)	134.69482 (13111220)
4215020.6	159.22641 (14012823)	159.62408 (14012823)	158.83588 (16112102)	155.14158 (16110923)	153.99102 (14012301)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***

INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539345.17	539365.17	539385.17	539405.17	539425.17
4216000.6	113.54604 (16010617)	112.83420 (18010103)	110.15784 (13110618)	109.76016 (13110118)	108.68868 (16110818)
4215980.6	120.69199 (16010617)	119.73521 (18010103)	116.55325 (13110618)	116.31527 (16110818)	114.87796 (16110719)
4215960.6	128.70788 (16010617)	127.33594 (18010103)	124.06691 (13110118)	124.33122 (16110818)	121.69898 (16110719)
4215940.6	137.58271 (16010617)	135.73491 (18010103)	133.10625 (13110118)	133.06506 (16110818)	130.15084 (16110418)
4215920.6	147.54341 (16010617)	144.93581 (18010103)	143.03338 (13110118)	142.28603 (16110818)	139.35539 (16110418)
4215900.6	158.78628 (16010617)	155.45120 (13110618)	153.93688 (13110118)	152.24426 (16110818)	149.37241 (16110318)

 4215880.6 | 171.55555 (16010617)   168.05092 (13110618)   166.27149 (13110118)   163.41138 (16110719)
160.36361 (16110318)
 4215860.6 | 186.15850 (16010617)   182.46540 (13110618)   180.49382 (16110818)   176.89546 (16110418)
171.56115 (15111318)
 4215840.6 | 203.01340 (18010103)   198.60169 (13110618)   197.84446 (16110818)   193.01228 (16110418)
185.90898 (15111318)
 4215820.6 | 223.36778 (18010103)   217.21527 (13110618)   217.14462 (16110818)   210.85273 (16110318)
201.96873 (14120822)
 4215800.6 | 247.32866 (18010103)   241.16244 (13110118)   238.48022 (16110818)   230.62524 (16110318)
222.67403 (14120822)
 4215780.6 | 276.15170 (18010103)   269.98636 (13110118)   263.65185 (16110418)   253.69423 (15111318)
248.45994 (15112117)
 4215760.6 | 311.29560 (18010103)   304.19831 (13110118)   296.94525 (16110418)   282.29092 (14120706)
274.16514 (15112117)
 4215740.6 | 353.98135 (18010103)   346.71201 (16110818)   335.53156 (16110318)   320.52232 (15112117)
302.45361 (16011622)
 4215720.6 | 407.14576 (18010103)   399.81759 (16110818)   378.65277 (15111318)   366.48140 (15112117)
339.52236 (14110523)
 4215700.6 | 474.80415 (13110618)   462.27969 (16110818)   438.25452 (14120706)   412.15590 (16011622)
383.30799 (14112519)
 4215680.6 | 566.67695 (13110618)   548.99229 (16110418)   520.74743 (15112117)   476.33568 (14110523)
440.55033 (14120918)
 4215660.6 | 691.40950 (13110118)   661.55940 (16110318)   629.77384 (13112109)   557.26306 (13112004)
506.47125 (13111717)
 4215640.6 | 876.52813 (13110118)   836.12255 (13112109)   750.37377 (13112109)   657.26543 (14120224)
593.27147 (16110917)
 4215620.6 | 1158.66825 (16110719)   1270.64216 (13112109)   915.65524 (14120918)   798.97417 (16110917)
703.83186 (14110817)
 4215600.6 | 1614.00178 (16110719)   1657.37744 (13112109)   1299.53673 (13010516)   986.64274 (14110817)
772.70910 (13011217)
 4215580.6 | 3373.99475 (13112109)   2488.56137 (13010516)   1510.61939 (14110817)   1113.48615 (14120823)
904.10382 (13110917)
 4215560.6 | 4403.72632 (13010516)   2992.92541 (14081207)   2178.88467 (17010909)   1557.56594 (17010909)
946.08959 (17010909)
 4215540.6 | 6965.47802 (13073007)   3328.41955 (14122301)   1977.71507 (16120520)   1334.72143 (13111206)
988.00263 (13111206)
 4215520.6 | 6900.39898 (16032418)   4362.67660 (14021217)   2447.95330 (14021217)   1347.29801 (15111417)
969.27314 (15111417)
 4215500.6 | 3987.04058 (14110717)   3061.02210 (16032418)   1870.24770 (15121216)   1574.67541 (15121216)
987.13534 (14021217)
 4215480.6 | 2487.80856 (15012109)   2053.70507 (14012901)   1516.69994 (16032418)   1017.94460 (16112806)
882.38843 (15121216)
 4215460.6 | 1715.87866 (15012109)   1584.15950 (14110717)   1247.14769 (15112001)   900.71520 (16032418)
710.89369 (14122302)
 4215440.6 | 1284.96517 (14110908)   1168.53108 (16110820)   1065.81305 (14110717)   836.72310 (15112001)
627.64771 (16110219)
 4215420.6 | 1001.66435 (14110908)   938.10644 (15110202)   889.89703 (14110717)   780.75000 (15112001)
596.27263 (15112001)
 4215400.6 | 798.57692 (14110908)   780.87296 (15012109)   722.55401 (16111419)   684.41634 (14110717)
603.13937 (15112001)
 4215380.6 | 655.87717 (13012504)   646.24578 (15012109)   620.30095 (16110820)   590.74179 (14110717)
539.92993 (14012824)
 4215360.6 | 560.31996 (13012504)   544.88326 (14122407)   533.97824 (15110202)   507.33471 (16111419)
486.82918 (14110717)
 4215340.6 | 484.74225 (13012504)   475.91862 (14110908)   465.59087 (14120620)   443.68689 (16110820)
429.59715 (14110717)
 4215320.6 | 423.67909 (13012504)   421.73876 (14110908)   412.63101 (15012109)   398.73723 (16110820)
380.57969 (16111419)
 4215300.6 | 373.64297 (13012504)   374.83702 (14110908)   363.46233 (15012109)   356.41517 (15110202)
339.63929 (13111221)
 4215280.6 | 332.64619 (13012504)   334.29105 (14110908)   325.97614 (14122407)   319.47453 (14120620)
310.71465 (16110820)
 4215260.6 | 298.39041 (13012504)   299.27715 (14110908)   292.75201 (17123121)   290.82903 (14120620)
283.78627 (16110820)
 4215240.6 | 269.45189 (13012504)   268.99489 (14110908)   267.11278 (17123121)   265.77336 (15012109)
260.01513 (15110202)
 4215220.6 | 245.38432 (15110517)   244.99169 (13012504)   245.91843 (14110908)   241.58397 (15012109)
238.14045 (15110202)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539345.17	539365.17	539385.17	539405.17	539425.17
4215200.6	225.75023 (15110517)	226.74154 (13012504)	227.84003 (14110908)	223.26581 (14122407)	220.85732 (14120620)
4215180.6	208.45855 (15110517)	210.40014 (13012504)	211.12429 (14110908)	205.89808 (14122407)	204.78556 (15012109)
4215160.6	193.39742 (15110517)	195.73614 (13012504)	195.75582 (14110908)	190.62189 (17123121)	190.44743 (15012109)
4215140.6	180.19277 (15110517)	182.54401 (13012504)	181.67443 (14110908)	178.23085 (17123121)	176.26598 (15012109)
4215120.6	168.43469 (15110517)	170.75052 (13012504)	168.79702 (14110908)	166.46172 (17123121)	165.83658 (14122407)
4215100.6	157.91115 (15110517)	160.07332 (13012504)	157.03085 (14110908)	157.34332 (14110908)	155.59388 (14122407)
4215080.6	148.53400 (15110517)	150.29308 (13012504)	146.28143 (14110908)	148.82094 (14110908)	145.59863 (14122407)
4215060.6	139.98010 (15110517)	141.47760 (13012504)	137.39401 (13012504)	140.71104 (14110908)	137.39091 (17123121)
4215040.6	132.15304 (15110517)	133.43147 (13012504)	130.86262 (13012504)	133.07509 (14110908)	130.34231 (17123121)
4215020.6	154.73785 (14122324)	126.06867 (13012504)	124.73710 (13012504)	125.90527 (14110908)	123.51441 (17123121)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: BREATH ***
INCLUDING SOURCE(S): BREATH ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539445.17	539465.17	539485.17	539505.17	539525.17
4216000.6	106.83809 (16110418)	103.87430 (14010518)	101.57786 (14120421)	100.95876 (15112117)	99.18373 (15112117)
4215980.6	113.17229 (16110318)	110.08803 (15111318)	108.01995 (14120822)	107.41055 (15112117)	102.84643 (15112117)
4215960.6	120.11198 (16110318)	116.34048 (14120421)	114.68357 (14120822)	113.42329 (15112117)	108.08677 (15011318)

 4215940.6 | 127.19754 (16110318)   123.50555 (14120421)   122.96278 (15112117)   118.69454 (15112117)
114.98830 (16011622)
 4215920.6 | 135.26810 (15111318)   132.66612 (14120822)   131.31698 (15112117)   124.99325 (15011318)
121.28282 (16111007)
 4215900.6 | 144.48320 (15111318)   142.36159 (14112205)   138.89518 (15112117)   133.54097 (16011622)
128.94027 (14110523)
 4215880.6 | 154.54135 (14120822)   153.92176 (15112117)   146.65743 (15011318)   141.63328 (16111007)
136.94613 (13112002)
 4215860.6 | 167.88098 (14120822)   164.92736 (15112117)   157.44969 (16011622)   151.46519 (13112002)
146.09888 (13111118)
 4215840.6 | 182.94762 (15112117)   174.81817 (15011318)   168.18064 (16111007)   161.79953 (14112519)
155.66324 (15010819)
 4215820.6 | 199.57578 (15112117)   189.00776 (16011622)   181.42985 (13112002)   174.18754 (13112004)
167.14498 (14120918)
 4215800.6 | 214.63089 (15112117)   203.80041 (14110523)   195.70862 (13111118)   188.00689 (14120918)
178.24678 (13111717)
 4215780.6 | 234.20581 (16011622)   223.18078 (13112002)   212.45120 (13112004)   202.00698 (14120224)
192.72472 (13111717)
 4215760.6 | 257.21093 (14110523)   244.03961 (13111118)   231.75413 (14120918)   220.16429 (13111717)
206.00700 (15110203)
 4215740.6 | 284.71806 (13112002)   269.60971 (14120918)   253.85180 (13111717)   236.53239 (15110203)
229.05283 (16110917)
 4215720.6 | 317.86476 (13112004)   295.69788 (14120224)   275.30850 (14111722)   264.88341 (16110917)
248.20267 (14110817)
 4215700.6 | 355.39751 (14120918)   328.32753 (14120118)   311.50619 (16110917)   290.13102 (14110817)
264.21670 (14110817)
 4215680.6 | 401.94009 (13111717)   374.15600 (16110917)   345.94917 (14110817)   307.49938 (14110817)
270.79918 (14120302)
 4215660.6 | 463.07216 (16110917)   423.10704 (14110817)   364.40074 (14110817)   322.64981 (13122217)
291.45708 (14120823)
 4215640.6 | 534.31376 (14110817)   443.31505 (15120117)   393.69941 (13011217)   346.22165 (14120823)
309.28543 (14120203)
 4215620.6 | 568.23500 (13122217)   491.35178 (14120823)   425.57213 (14120203)   382.83819 (13110917)
341.26661 (13110917)
 4215600.6 | 638.77481 (14120203)   555.19702 (13110917)   473.46383 (13110917)   398.14190 (13122417)
339.88308 (13122417)
 4215580.6 | 745.21354 (17010909)   580.10114 (17010909)   472.48800 (13120417)   405.08874 (15122322)
353.70103 (15122322)
 4215560.6 | 741.92201 (14122301)   603.33043 (14122301)   497.38024 (14122301)   414.69685 (14122301)
357.63748 (16120520)
 4215540.6 | 767.03133 (13111206)   617.25060 (13111206)   510.83563 (13111206)   431.78651 (13111206)
370.22286 (13111206)
 4215520.6 | 752.65633 (13111818)   613.20797 (13111818)   510.88301 (13111818)   433.17735 (13111818)
373.45628 (13110318)
 4215500.6 | 736.94464 (16012517)   594.85699 (16012517)   502.09182 (15111417)   426.69419 (15111417)
365.00735 (15111417)
 4215480.6 | 755.64766 (15121216)   559.24554 (14010920)   469.68687 (14010920)   409.52366 (16012517)
357.92600 (16012517)
 4215460.6 | 602.52941 (13110402)   519.10669 (15110121)   446.72171 (15110121)   383.57808 (14010920)
341.40261 (14010920)
 4215440.6 | 540.23300 (14122302)   469.97882 (16112806)   405.21545 (13110402)   366.96577 (15110121)
325.24497 (15110121)
 4215420.6 | 483.32816 (16110219)   426.62284 (14122302)   377.21055 (16112806)   337.56547 (13110402)
296.46220 (15110121)
 4215400.6 | 444.78891 (15112001)   387.34601 (16110219)   347.00148 (14122302)   310.49418 (17010206)
284.40632 (16112806)
 4215380.6 | 473.03449 (15112001)   350.67969 (13112817)   319.83918 (16110219)   289.16641 (14122302)
262.40206 (14122302)
 4215360.6 | 442.93462 (15112001)   377.61534 (15112001)   291.40850 (13112817)   270.27907 (16110219)
246.22381 (14012919)
 4215340.6 | 399.50974 (16111418)   371.11930 (15112001)   306.96492 (15112001)   247.86563 (14012921)
232.54060 (16110219)
 4215320.6 | 369.19133 (14110717)   341.81629 (14012824)   312.72594 (15112001)   253.26724 (15112001)
214.18531 (14012921)
 4215300.6 | 330.99684 (14110717)   310.91203 (16111418)   295.42473 (15112001)   265.08414 (15112001)
211.86748 (15112001)
 4215280.6 | 298.67969 (16111419)   292.71582 (14110717)   274.00916 (14012824)   258.82560 (15112001)
226.39635 (15112001)
 4215260.6 | 272.69626 (16111419)   265.53691 (14110717)   253.84919 (14110717)   242.15725 (14012824)

226.92332 (15112001)
 4215240.6 | 248.95373 (16110820)   242.81712 (16111419)   239.97806 (14110717)   225.85475 (16111418)
216.01939 (15112001)
 4215220.6 | 233.72606 (16110820)   226.10307 (16111419)   219.89513 (14110717)   212.86876 (14110717)
203.87806 (14012824)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                               INCLUDING SOURCE(S):   BREATH   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
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- - - - - - - -

 4215200.6 | 216.22015 (16110820)   208.16240 (13111221)   203.38424 (15120707)   201.65679 (14110717)
190.50385 (16111418)
 4215180.6 | 201.41799 (15110202)   195.68233 (16110820)   191.54074 (16111419)   186.11404 (14110717)
181.83549 (14110717)
 4215160.6 | 187.55497 (15110202)   184.71518 (16110820)   178.03867 (13111221)   173.71197 (15120707)
172.58734 (14110717)
 4215140.6 | 175.38287 (14120620)   172.21206 (16110820)   165.90487 (16110820)   164.76318 (16111419)
160.34035 (14110717)
 4215120.6 | 164.69903 (14120620)   162.33366 (15110202)   158.94149 (16110820)   154.58686 (16111419)
150.72404 (15120707)
 4215100.6 | 154.68737 (15012109)   152.69973 (15110202)   150.63577 (16110820)   145.04437 (13111221)
143.79786 (16111419)
 4215080.6 | 145.44810 (15012109)   143.52125 (14120620)   141.40378 (16110820)   138.08952 (16110820)
136.28605 (16111419)
 4215060.6 | 136.28704 (14122407)   136.40453 (14120620)   134.57854 (15110202)   132.55687 (16110820)
128.57637 (13111221)
 4215040.6 | 129.69304 (14122407)   129.00948 (14120620)   127.64129 (15110202)   126.06202 (16110820)
121.00180 (16110820)
 4215020.6 | 123.15346 (14122407)   122.40389 (15012109)   120.37141 (15110202)   118.98464 (16110820)
117.32640 (16110820)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                               INCLUDING SOURCE(S):   BREATH   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4216000.6 | 95.11021 (16011622)   93.02132 (16111007)   91.23168 (13112002)   88.91012 (13111118)
86.28277 (13112004)
 4215980.6 | 100.61924 (16011622)   97.93171 (14110523)   95.09559 (14112519)   92.98930 (13112004)
90.60657 (14120918)
 4215960.6 | 105.45168 (16111007)   103.10598 (13112002)   100.19503 (13111118)   97.15883 (14120918)
94.12894 (14120918)
 4215940.6 | 111.40445 (14110523)   108.11612 (13111118)   105.03375 (13112004)   102.18629 (14120918)
98.29023 (14120224)
 4215920.6 | 117.90551 (13112002)   114.01023 (13111118)   110.79383 (14120918)   106.48635 (14120224)
103.93210 (13111717)
 4215900.6 | 124.73638 (13111118)   120.13384 (14120918)   115.78697 (14120918)   112.58610 (13111717)
108.07214 (13111717)
 4215880.6 | 132.23980 (13112004)   127.66067 (14120918)   122.42198 (13111717)   118.48844 (13111717)
112.75501 (15010117)
 4215860.6 | 140.98873 (14120918)   134.71006 (14120224)   130.42829 (13111717)   123.34726 (15110203)
118.84009 (16110917)
 4215840.6 | 149.08710 (14120224)   144.17824 (13111717)   136.12984 (14111722)   130.12091 (16110917)
129.43301 (16110917)
 4215820.6 | 160.08052 (13111717)   151.63863 (14120118)   143.37481 (15110203)   142.71478 (16110917)
135.37101 (16110917)
 4215800.6 | 170.24798 (14120118)   160.41800 (15110203)   158.35147 (16110917)   149.73209 (16110917)
144.19422 (14110817)
 4215780.6 | 181.01119 (15110203)   177.30592 (16110917)   167.19717 (14110817)   160.03248 (14110817)
146.53599 (14110817)
 4215760.6 | 200.45826 (16110917)   188.68488 (14110817)   178.94179 (14110817)   161.64201 (14110817)
149.35257 (14120302)
 4215740.6 | 215.03359 (14110817)   201.81055 (14110817)   179.33268 (14110817)   166.87642 (14120302)
157.73792 (13011217)
 4215720.6 | 229.87837 (14110817)   203.28661 (15120117)   188.71187 (13122217)   177.11674 (13011217)
164.70350 (14120823)
 4215700.6 | 233.17144 (15120117)   216.06426 (13011217)   199.04790 (14120823)   183.73169 (14120823)
171.28604 (14120203)
 4215680.6 | 250.15806 (13011217)   227.93189 (14120823)   208.76132 (14120203)   190.98716 (16113019)
181.86613 (13110917)
 4215660.6 | 263.32536 (16011919)   238.39031 (14120203)   223.85534 (13110917)   208.90436 (13110917)
191.47113 (13110917)
 4215640.6 | 285.70376 (13110917)   261.74728 (13110917)   234.58554 (13110917)   210.12594 (13122417)
190.93166 (13122417)
 4215620.6 | 296.82954 (13110917)   263.05957 (13122417)   231.95377 (13122417)   207.77102 (13120417)
190.99703 (13120417)
 4215600.6 | 296.07170 (13120417)   264.08888 (13120417)   237.80975 (15122322)   216.44733 (15122322)
197.96135 (14122301)
 4215580.6 | 312.37240 (14122301)   277.66978 (14122301)   247.51384 (14122301)   221.57459 (14122301)
198.88561 (14122301)
 4215560.6 | 313.83883 (16120520)   277.79898 (16120520)   248.02326 (16120520)   222.77700 (16120520)
202.73512 (13111206)
 4215540.6 | 321.81258 (13111206)   283.14772 (13111206)   252.14376 (15122507)   226.57944 (15122507)
205.11757 (15122507)
 4215520.6 | 325.48185 (13110318)   287.16538 (13110318)   255.46327 (13110318)   229.12460 (13110318)
207.12554 (13111808)
 4215500.6 | 314.46187 (15111417)   273.85108 (16012518)   246.63408 (13111818)   224.24630 (13111818)
204.97720 (13111818)
 4215480.6 | 314.06263 (15111920)   280.47550 (15111417)   252.22045 (15111417)   227.14369 (15111417)
204.76714 (15111417)
 4215460.6 | 298.25684 (14010920)   270.03097 (16012517)   245.22558 (16012517)   221.39313 (16012517)
201.54046 (15111920)
 4215440.6 | 282.61158 (14010920)   260.72904 (14010920)   236.18666 (14010920)   211.08229 (13111506)
195.55887 (13111506)
 4215420.6 | 277.74871 (15110121)   251.10497 (15110121)   221.35309 (15110121)   206.59546 (14010920)
191.49276 (14010920)
 4215400.6 | 257.08539 (13110402)   233.57837 (15110121)   220.15909 (15110121)   201.84354 (15110121)
181.21439 (15110121)
 4215380.6 | 244.03704 (16112806)   224.04854 (13110402)   203.01879 (13110402)   190.32872 (15110121)
180.34805 (15110121)
 4215360.6 | 227.98912 (14122302)   210.67469 (16112806)   196.54498 (16112806)   182.24940 (13110402)
165.14027 (13110924)
 4215340.6 | 214.28104 (14012919)   200.11811 (14122302)   185.06017 (17010206)   174.85446 (16112806)
163.16341 (13110402)
 4215320.6 | 202.96988 (16110219)   188.69296 (14012919)   177.24729 (14122302)   164.24610 (17010206)

155.99899 (16112806)
 4215300.6 | 187.51113 (17012308)   179.27896 (16110219)   167.86787 (14012919)   158.28362 (14122302)
147.23664 (14122302)
 4215280.6 | 180.22179 (13112817)   166.65557 (17012308)   160.01079 (16110219)   150.70555 (14012919)
142.36170 (14122302)
 4215260.6 | 194.69078 (15112001)   160.63648 (13112817)   149.47289 (17012308)   144.03900 (16110219)
136.30810 (14012919)
 4215240.6 | 199.30095 (15112001)   168.64032 (15112001)   144.25031 (13112817)   135.09310 (17012308)
130.62934 (16110219)
 4215220.6 | 194.35290 (15112001)   175.62454 (15112001)   146.99857 (15112001)   130.37902 (13112817)
122.91310 (17012308)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                                INCLUDING SOURCE(S):   BREATH   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4215200.6 | 183.53932 (14012824)   174.73427 (15112001)   155.26205 (15112001)   128.94569 (15112001)
118.77705 (14012921)
 4215180.6 | 173.91219 (14012824)   167.27472 (15112001)   157.09435 (15112001)   137.80036 (15112001)
114.77478 (13112817)
 4215160.6 | 163.08282 (16111418)   159.47785 (14012824)   153.25349 (15112001)   141.42506 (15112001)
122.73305 (15112001)
 4215140.6 | 157.78043 (14110717)   151.03734 (16111418)   145.65823 (14012824)   140.21779 (15112001)
127.54436 (15112001)
 4215120.6 | 150.13578 (14110717)   142.76465 (14110717)   139.92343 (14012824)   134.95400 (15112001)
128.22872 (15112001)
 4215100.6 | 140.18608 (14110717)   138.76217 (14110717)   132.86589 (16111418)   129.55207 (14012824)
125.25978 (15112001)
 4215080.6 | 132.60200 (15120707)   132.28952 (14110717)   126.95499 (14110717)   123.66377 (14012824)
119.70431 (16111220)
 4215060.6 | 127.01241 (16111419)   124.02937 (14110717)   123.29773 (14110717)   117.85769 (16111418)
115.83039 (14012824)
 4215040.6 | 121.21961 (16111419)   117.83313 (15120707)   117.72221 (14110717)   113.82214 (14110717)
110.73977 (16111418)
 4215020.6 | 114.77961 (13111221)   113.13895 (16111419)   110.76396 (14110717)   110.48345 (14110717)
105.27411 (16111418)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                                INCLUDING SOURCE(S):   BREATH   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.6	84.32367 (14120918)	81.53772 (14120224)	79.95515 (13111717)	77.20023 (13111717)	74.46732 (15010117)
4215980.6	87.35663 (14120224)	85.40432 (13111717)	82.93756 (13111717)	79.54015 (14111722)	77.01411 (15010117)
4215960.6	91.27438 (13111717)	89.23698 (13111717)	85.21909 (14111722)	82.60999 (15010117)	81.50255 (16110917)
4215940.6	96.23046 (13111717)	91.82568 (14120118)	88.76650 (15010117)	87.16445 (16110917)	86.55189 (16110917)
4215920.6	99.41118 (14120118)	95.69916 (15010117)	93.53102 (16110917)	92.90179 (16110917)	89.46859 (16110917)
4215900.6	103.62735 (15010117)	100.73244 (16110917)	100.01607 (16110917)	96.19570 (16110917)	93.69716 (14110817)
4215880.6	109.20003 (16110917)	108.38532 (16110917)	103.83868 (16110917)	100.99712 (14110817)	96.72202 (14110817)
4215860.6	118.11918 (16110917)	112.77087 (16110917)	109.47252 (14110817)	104.11833 (14110817)	96.28227 (14110817)
4215840.6	123.19819 (16110917)	119.29599 (14110817)	112.56977 (14110817)	103.08652 (14110817)	98.30581 (15120117)
4215820.6	130.77695 (14110817)	122.28976 (14110817)	111.71160 (15120117)	106.45983 (14120302)	101.71941 (13122217)
4215800.6	133.54331 (14110817)	122.58463 (15120117)	116.10367 (14120302)	110.88902 (13122217)	106.04706 (13011217)
4215780.6	134.93280 (15120117)	127.25167 (13122217)	121.72753 (13011217)	114.98849 (13011217)	109.27368 (14120823)
4215760.6	141.26597 (13122217)	134.00912 (13011217)	125.99272 (14120823)	118.32541 (14120823)	111.96850 (14120203)
4215740.6	147.49228 (13011217)	138.54496 (14120823)	129.71600 (16011919)	122.53653 (14120203)	115.24961 (14120318)
4215720.6	152.95477 (16011919)	143.52838 (14120203)	133.93773 (14120318)	128.89322 (13110917)	124.01906 (13110917)
4215700.6	158.15911 (14120318)	151.55256 (13110917)	144.72095 (13110917)	136.32024 (13110917)	126.90923 (13110917)
4215680.6	171.96944 (13110917)	159.95179 (13110917)	146.99466 (13110917)	135.85108 (13122417)	126.95934 (13122417)
4215660.6	172.86146 (13110917)	159.71038 (13122417)	146.88448 (13122417)	134.27078 (13122417)	124.03798 (13120417)
4215640.6	171.81895 (13122417)	156.68839 (13120417)	146.70675 (13120417)	136.86579 (13120417)	127.46957 (15012007)
4215620.6	174.63362 (13120417)	161.39715 (15122322)	150.51213 (15122322)	140.43505 (15122322)	132.17937 (14122301)
4215600.6	182.51333 (14122301)	168.25887 (14122301)	155.32778 (14122301)	143.74213 (14122301)	133.15035 (14122301)
4215580.6	179.17141 (14122301)	165.35567 (16120520)	153.57634 (16120520)	143.19795 (16120520)	133.81275 (16120520)
4215560.6	185.66038 (13111206)	171.01032 (13111206)	157.97523 (13111206)	146.98759 (13111206)	137.20069 (13111206)
4215540.6	187.10851 (15122507)	171.44422 (15122507)	158.05810 (15122507)	146.67302 (15122507)	136.62200 (15122507)
4215520.6	189.20106 (13111808)	173.61871 (13111808)	160.19476 (13111808)	148.63951 (13111808)	138.33868 (13111808)
4215500.6	187.92224 (13111818)	172.94276 (13111818)	159.89005 (13111818)	148.45558 (13111818)	138.25205 (13111818)
4215480.6	184.99197 (15111417)	168.00997 (16012518)	153.50590 (16012518)	140.58122 (16012518)	131.47141 (13111818)
4215460.6	184.99026 (15111417)	171.44125 (15111417)	158.66377 (15111417)	146.90694 (15111417)	136.06235 (15111417)
4215440.6	181.39713 (16012517)	167.71077 (16012517)	154.34535 (16012517)	143.72746 (15111920)	134.14087 (15111417)
4215420.6	175.49393 (14010920)	159.97080 (13111506)	150.41308 (13111506)	141.33998 (16012517)	132.76596 (16012517)
4215400.6	168.19183 (14010920)	158.75634 (14010920)	148.13716 (14010920)	137.10446 (14010920)	126.87974 (13111506)
4215380.6	166.97642 (15110121)	151.77580 (15110121)	140.09321 (14010920)	134.03745 (14010920)	

126.87076 (14010920)
 4215360.6 | 159.13872 (15110121)   151.28258 (15110121)   141.18280 (15110121)   129.72622 (15110121)
118.77301 (14010920)
 4215340.6 | 151.34742 (13110402)   139.42035 (13110924)   135.60762 (15110121)   129.37130 (15110121)
121.47458 (15110121)
 4215320.6 | 146.73449 (16112806)   138.26703 (13110402)   127.71524 (13110402)   120.49300 (15110121)
117.23345 (15110121)
 4215300.6 | 139.61849 (16112806)   133.58840 (16112806)   125.93031 (13110402)   118.40451 (13110402)
109.51985 (13110924)
 4215280.6 | 134.11002 (14122302)   126.98193 (17010206)   121.63030 (16112806)   114.95252 (16112806)
109.40988 (13110402)
 4215260.6 | 128.84948 (14122302)   122.66330 (14122302)   115.78666 (17010206)   110.85721 (16112806)
106.20106 (16112806)
 4215240.6 | 124.22004 (16110219)   117.26971 (14122302)   112.62670 (14122302)   105.90239 (17010206)
101.57862 (17010206)
 4215220.6 | 119.21657 (16110219)   113.87630 (16110219)   107.26840 (14122302)   103.80371 (14122302)
97.79118 (14122302)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***
                                INCLUDING SOURCE(S):   BREATH   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 112.47792 (17012308)   109.40821 (16110219)   104.92391 (16110219)   99.11492 (14012919)
96.03089 (14122302)
 4215180.6 | 108.87893 (14012921)   103.47200 (17012308)   100.91311 (16110219)   97.10726 (16110219)
92.10155 (14012919)
 4215160.6 | 105.65966 (13112817)   100.27192 (14012921)   95.62600 (17012308)   93.48692 (16110219)
90.23719 (16110219)
 4215140.6 | 109.76829 (15112001)   97.64052 (13112817)   92.73110 (14012921)   88.73983 (17012308)
86.95723 (16110219)
 4215120.6 | 115.25489 (15112001)   98.49690 (15112001)   90.53747 (13112817)   86.07405 (14012921)
82.65579 (17012308)
 4215100.6 | 117.25979 (15112001)   104.34464 (15112001)   88.68610 (15112001)   84.20490 (13112817)
80.15821 (14012921)
 4215080.6 | 116.04582 (15112001)   107.26781 (15112001)   94.67774 (15112001)   81.58777 (13112817)
78.53985 (13112817)
 4215060.6 | 112.07556 (15112001)   107.38274 (15112001)   98.21954 (15112001)   86.07607 (15112001)
76.51373 (13112817)
 4215040.6 | 107.99969 (14012824)   104.97944 (15112001)   99.30419 (15112001)   90.00113 (15112001)
78.42596 (15112001)
 4215020.6 | 104.05177 (14012824)   100.75265 (16111220)   98.15083 (15112001)   91.83468 (15112001)
82.59074 (15112001)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***

INCLUDING SOURCE(S): BREATH ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	1098.76786	(14110908)	539351.84	4215428.70	1064.77584	(15012109)
539361.84	4215428.70	1035.40474	(15012109)	539371.84	4215428.70	984.13003	(13111221)
539381.84	4215428.70	982.00429	(14110717)	539341.84	4215438.70	1260.01661	(14110908)
539351.84	4215438.70	1228.16841	(15012109)	539361.84	4215438.70	1160.14339	(16110820)
539371.84	4215438.70	1111.78068	(16110518)	539381.84	4215438.70	1093.79531	(14110717)
539341.84	4215448.70	1457.16910	(14110908)	539351.84	4215448.70	1416.05577	(15012109)
539361.84	4215448.70	1311.02879	(16110820)	539371.84	4215448.70	1299.64744	(14110717)
539381.84	4215448.70	1171.90238	(14110717)	539341.84	4215458.70	1699.25466	(14110908)
539351.84	4215458.70	1624.23377	(15012109)	539361.84	4215458.70	1525.84219	(16110518)
539371.84	4215458.70	1473.52704	(14110717)	539381.84	4215458.70	1293.92288	(15112001)
539341.84	4215468.70	1995.79837	(14110908)	539351.84	4215468.70	1878.29620	(14110218)
539361.84	4215468.70	1836.12753	(14110717)	539371.84	4215468.70	1614.34166	(14012901)
539381.84	4215468.70	1353.55844	(15112001)	539113.88	4215517.52	420.78845	(15110618)
539096.52	4215515.99	377.88493	(15110618)	539108.26	4215501.18	394.13632	(14123005)
539096.01	4215500.67	367.02164	(14123005)	539108.26	4215486.38	393.86828	(14121020)
539094.47	4215485.36	361.82508	(14121020)	539135.32	4215461.36	445.76723	(14012217)
539150.13	4215439.91	442.51721	(15110219)	539114.39	4215452.68	385.54674	(14012217)
539123.07	4215439.40	374.39515	(15012818)	539159.32	4215421.02	440.47849	(13111119)
539145.02	4215416.43	406.06387	(16112101)	539134.30	4215410.81	377.75870	(16112101)
539131.75	4215425.11	381.90901	(15110219)	539206.80	4215383.75	478.86813	(14110917)
539215.99	4215372.52	480.55778	(14110917)	539188.93	4215382.22	442.48845	(13122017)
539176.17	4215379.67	413.83795	(16110522)	539165.44	4215376.09	388.26738	(16110522)
539248.79	4215356.71	474.79511	(16121307)	539243.45	4215348.45	445.35742	(16121307)
539265.58	4215345.25	464.20001	(17123124)	539260.78	4215338.05	436.93932	(17123124)
539256.25	4215351.38	471.24860	(14111418)	539272.77	4215331.92	432.67450	(13110719)
539264.78	4215324.99	406.20383	(17123124)	539280.77	4215321.79	425.25307	(16110617)
539279.97	4215307.14	390.00059	(16110617)	539287.97	4215313.80	404.00531	(16110617)
539297.83	4215304.74	381.13554	(16111218)	539289.56	4215296.21	358.71824	(14121301)
539311.15	4215287.68	350.48186	(16111319)	539303.69	4215281.28	333.12105	(15011924)
539303.69	4215296.21	362.78521	(16111218)	539314.25	4215271.79	320.63959	

(16111319)
539329.09   4215260.48   303.19710 (13111220)   539339.69   4215237.16   266.36782
(15110517)
539357.36   4215232.92   263.72454 (13012504)   539394.11   4215199.70   222.99908
(17123121)
539044.99   4215579.21   191.39136 (15110220)   539034.39   4215591.93   180.82783
(16110523)
539054.88   4215556.59   204.15710 (15120817)   539058.42   4215538.92   272.22175
(15110618)
539054.88   4215520.55   302.74346 (15110618)   539082.44   4215477.44   337.57549
(14121020)
539073.96   4215466.13   314.26223 (16112720)   539098.70   4215440.69   345.55380
(15012818)
539109.30   4215426.56   329.12962 (15110219)   539117.07   4215415.96   344.43424
(15110219)
539125.55   4215401.11   347.55582 (16112101)   539158.77   4215367.19   364.48773
(16110522)
539150.29   4215357.30   338.77878 (16110522)   539184.21   4215339.63   363.38874
(14110917)
539222.37   4215324.79   362.56098 (16121307)   539243.58   4215317.72   375.39952
(14111418)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: BREATH
***

INCLUDING SOURCE(S):   BREATH   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539371.49	4215194.05	219.27081	(14110908)	539364.42	4215191.93	219.85066	(13012504)
539344.64	4215200.41	225.70010	(15110517)	539409.65	4215113.48	162.59830	(17123121)
539355.94	4215136.80	179.20824	(13012504)	539262.66	4215288.75	335.00737	(13110719)
539282.44	4215261.19	296.71557	(14121301)	539299.41	4215235.04	264.50078	(15011924)
539168.92	4215647.77	330.40510	(14122218)	538947.70	4216163.58	64.56757	(15011619)
539352.12	4215798.21	248.75620	(18010103)	539367.62	4215566.76	2665.61258	(14081207)
539278.26	4215504.64	2653.91876	(17011216)	539297.51	4215494.11	2869.52119	(14110917)
539323.66	4215486.12	2890.86333	(16110923)	539342.55	4215482.85	2670.78501	(15012109)
539367.23	4215481.23	1996.20563	(14012901)	539397.77	4215487.94	1183.99914	(16112806)
539352.73	4215556.41	5059.38093	(14081207)	539337.83	4215546.05	8076.85576	(14081207)
539322.94	4215535.70	4824.01574	(16052820)	539308.05	4215525.35	6130.78628	(14012217)
539293.15	4215514.99	3871.46979	(17011216)	539287.89	4215499.38	2591.60039	(13012521)
539310.58	4215490.12	2939.41350	(14110418)	539354.89	4215482.04	2436.48280	(14110717)
539382.50	4215484.59	1652.31840	(16032418)	539391.74	4215503.70	2071.42471	(15121216)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***
INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538745.17	538765.17	538785.17	538805.17	538825.17
4216000.6	129.88583 (16110617)	121.01165 (16111117)	114.45862 (16111117)	107.56886 (16111117)	101.72796 (14110908)
4215980.6	119.99767 (16110617)	113.15700 (16111117)	107.21786 (16111117)	101.15088 (16111117)	96.27967 (14110908)
4215960.6	112.46492 (16110617)	106.44938 (16111117)	101.10884 (16111117)	95.55935 (16111117)	91.41777 (14110908)
4215940.6	105.40347 (16110617)	100.48338 (16111117)	95.73744 (16111117)	90.70958 (16111117)	87.20920 (14110908)
4215920.6	99.26155 (16110617)	95.31534 (16111117)	90.97440 (16111117)	86.46481 (14110908)	83.43820 (14110908)
4215900.6	95.70865 (16110617)	90.71420 (16111117)	87.02071 (16111117)	82.78234 (14110908)	80.03744 (14110908)
4215880.6	91.03690 (16110617)	87.16378 (16111117)	83.27112 (16111117)	79.93536 (16111117)	76.75324 (14110908)
4215860.6	87.85136 (14122117)	83.53095 (16111117)	80.98369 (16111117)	76.89313 (16111117)	73.97173 (14110908)
4215840.6	84.59095 (14122117)	81.50087 (16111117)	78.02330 (16111117)	75.44517 (16111117)	71.47234 (16111117)
4215820.6	81.44425 (14122117)	78.61141 (16111117)	75.31428 (16111117)	73.03319 (16111117)	69.17159 (16111117)
4215800.6	79.27972 (16110222)	75.94848 (16111117)	74.15992 (16111117)	70.80797 (16111117)	68.31867 (16111117)
4215780.6	76.86772 (16110222)	74.71836 (16111117)	72.08745 (16111117)	69.81038 (16111117)	66.61598 (16111117)
4215760.6	74.79589 (16110222)	72.67719 (16111117)	70.89116 (16111117)	67.98829 (16111117)	65.71915 (16111117)
4215740.6	72.70719 (16110222)	71.24127 (16111117)	69.06106 (16111117)	66.28124 (16111117)	64.17782 (16111117)
4215720.6	70.75947 (16110222)	69.38542 (16111117)	67.33931 (16111117)	65.29883 (16111117)	62.99002 (16111117)
4215700.6	68.88906 (16110222)	67.63497 (16111117)	65.98145 (16111117)	63.83223 (16111117)	61.80781 (13112018)
4215680.6	67.12778 (16110222)	66.07931 (16111117)	64.63056 (16111117)	62.46060 (16111117)	60.68827 (13112018)
4215660.6	65.35301 (17010220)	64.53785 (16111117)	63.13075 (16111117)	61.16129 (16111117)	59.54442 (13112018)
4215640.6	63.82457 (17010220)	63.08243 (16111117)	61.78110 (16111117)	59.80264 (16111117)	58.33973 (13112018)
4215620.6	62.47840 (17010220)	61.68164 (16111117)	60.49964 (16111117)	58.61958 (16111117)	57.29472 (13112018)
4215600.6	61.09375 (17010220)	60.35200 (16111117)	59.13200 (16111117)	57.59014 (16111117)	

56.41806 (13112018)
 4215580.6 | 59.77510 (17010220)   59.08740 (16111117)   57.95543 (16111117)   56.38158 (16111117)
55.32070 (13112018)
 4215560.6 | 58.55081 (15112306)   57.88279 (16111117)   56.91903 (16111117)   55.33555 (16111117)
54.38241 (13112018)
 4215540.6 | 57.42806 (15112306)   56.82357 (16111117)   55.84147 (16111117)   54.33429 (16111117)
53.48065 (13112018)
 4215520.6 | 56.35467 (15112306)   55.71988 (16111117)   54.80959 (16111117)   53.37436 (16111117)
52.61234 (13112018)
 4215500.6 | 55.41397 (15112306)   54.66325 (16111117)   53.81996 (16111117)   52.45263 (16111117)
51.77459 (13112018)
 4215480.6 | 54.42319 (15112306)   53.65018 (16111117)   52.86971 (16111117)   51.62517 (16111117)
50.88020 (13112018)
 4215460.6 | 53.47186 (15112306)   52.67791 (16111117)   51.95585 (16111117)   50.76802 (16111117)
50.09927 (13112018)
 4215440.6 | 52.55758 (15112306)   51.74358 (16111117)   51.13583 (16111117)   49.94161 (16111117)
49.26252 (13112018)
 4215420.6 | 51.67809 (15112306)   50.92358 (15112306)   50.28486 (16111117)   49.14407 (16111117)
48.53016 (13112018)
 4215400.6 | 50.83134 (15112306)   50.10656 (15112306)   49.46418 (16111117)   48.37371 (16111117)
47.88996 (13112018)
 4215380.6 | 50.07486 (15112306)   49.31868 (15112306)   48.67210 (16111117)   47.63464 (13111822)
47.19285 (13112018)
 4215360.6 | 49.28517 (15112306)   48.55832 (15112306)   47.90707 (16111117)   46.99043 (13111822)
46.51325 (13112018)
 4215340.6 | 48.52339 (15112306)   47.82410 (15112306)   47.21174 (16111117)   46.29752 (13111822)
45.85023 (13112018)
 4215320.6 | 47.78798 (15112306)   47.11461 (15112306)   46.49451 (16111117)   45.62326 (13111822)
45.26192 (13112018)
 4215300.6 | 47.07753 (15112306)   46.46944 (15112306)   45.80051 (16111117)   44.96682 (13111822)
44.68652 (13111822)
 4215280.6 | 46.43494 (15112306)   45.80337 (15112306)   45.12853 (16111117)   44.32743 (13111822)
44.10032 (13111822)
 4215260.6 | 45.76842 (15112306)   45.15845 (15112306)   44.47743 (16111117)   43.75566 (13111822)
43.57277 (13111822)
 4215240.6 | 45.12336 (15112306)   44.53363 (15112306)   43.87453 (17012706)   43.14609 (13111822)
43.01405 (13111822)
 4215220.6 | 44.49866 (15112306)   43.92793 (15112306)   43.33277 (17012706)   42.58156 (13010906)
42.46893 (13111822)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                                INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
 -
- - - - - - - -

 4215200.6 | 43.89333 (15112306)   43.34039 (15112306)   42.77267 (17012706)   42.03822 (13010906)
41.93676 (13111822)
 4215180.6 | 43.30644 (15112306)   42.79893 (15112306)   42.22856 (17012706)   41.50887 (13010906)
41.37935 (13111822)
 4215160.6 | 42.76901 (15112306)   42.24369 (15112306)   41.69970 (17012706)   40.99289 (13010906)
40.87276 (13111822)

 4215140.6 | 42.21489 (15112306)   41.70419 (15112306)   41.18540 (17012706)   40.52492 (13010906)
40.37746 (13111822)
 4215120.6 | 41.67673 (15112306)   41.17968 (15112306)   40.68498 (17012706)   40.03278 (13010906)
39.89299 (13111822)
 4215100.6 | 41.15375 (15112306)   40.66945 (15112306)   40.22219 (17012706)   39.55249 (13010906)
39.41890 (13111822)
 4215080.6 | 40.64524 (15112306)   40.19398 (15112306)   39.74658 (17012706)   39.08357 (13010906)
38.95480 (13111822)
 4215060.6 | 40.15045 (15112306)   39.70901 (15112306)   39.28304 (17012706)   38.62557 (13010906)
38.53111 (13111822)
 4215040.6 | 39.69150 (15112306)   39.23631 (15112306)   38.83106 (17012706)   38.17803 (13010906)
38.08488 (13111822)
 4215020.6 | 39.22098 (15112306)   38.77570 (17012706)   38.39008 (17012706)   37.76811 (13010906)
37.64755 (13111822)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                                INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
 -
- - - - - - - -

 4216000.6 | 97.01892 (14110908)   92.82970 (14110717)   89.50898 (14110717)   86.56725 (14110717)
83.76982 (14110717)
 4215980.6 | 92.10350 (14110908)   88.34290 (14110717)   85.48869 (14110717)   82.76429 (14110717)
80.29150 (14110717)
 4215960.6 | 87.60396 (14110908)   84.33002 (14110717)   81.80925 (14110717)   79.41393 (14110717)
77.13104 (14110717)
 4215940.6 | 83.76023 (14110908)   80.67778 (14110717)   78.40954 (14110717)   76.31170 (14110717)
74.29329 (14110717)
 4215920.6 | 80.29858 (14110908)   77.16933 (14110717)   75.34288 (14110717)   73.45484 (14110717)
71.68837 (14110717)
 4215900.6 | 77.16358 (14110908)   74.14786 (14110908)   72.39806 (14110717)   70.83591 (14110717)
69.14448 (14110717)
 4215880.6 | 74.27376 (14110908)   71.96817 (14110908)   69.46377 (14110717)   68.32180 (14110717)
66.91471 (14110717)
 4215860.6 | 71.68996 (14110908)   69.57112 (14110908)   67.19680 (16110820)   65.86313 (14110717)
64.74231 (14110717)
 4215840.6 | 69.36490 (14110908)   67.38909 (14110908)   65.29601 (14120620)   63.70385 (16110820)
62.60735 (14110717)
 4215820.6 | 67.16456 (14110908)   65.36909 (14110908)   63.62252 (14110908)   61.94872 (16110820)
60.46499 (16110820)
 4215800.6 | 65.12077 (14110908)   63.45952 (14110908)   61.84864 (14110908)   60.36210 (14110908)
59.12793 (14110908)
 4215780.6 | 64.25463 (16111117)   62.45236 (14110908)   60.17287 (14110908)   58.92645 (14110908)
57.84722 (14110908)
 4215760.6 | 63.29622 (13112018)   60.85775 (13112018)   59.86185 (14110908)   58.79318 (14110908)
57.57714 (14110908)
 4215740.6 | 62.25915 (13112018)   60.66110 (14110908)   59.68916 (14110908)   58.45428 (14110908)
56.58466 (14110908)
 4215720.6 | 61.39533 (13112018)   60.37140 (14110908)   58.66051 (14110908)   57.49570 (14110908)
56.03703 (14110908)
 4215700.6 | 60.36260 (13112018)   59.21634 (14110908)   58.31936 (14110908)   56.76014 (14110908)

55.09916 (14110908)
 4215680.6 | 59.13907 (13112018)   58.31988 (14110908)   57.27211 (14110908)   55.81013 (14110908)
54.19679 (14110908)
 4215660.6 | 58.07459 (13112018)   57.20086 (14110908)   56.27753 (14110908)   54.89798 (14110908)
53.49994 (14110908)
 4215640.6 | 56.93125 (13112018)   56.08027 (14110908)   55.32149 (14110908)   54.07603 (14110908)
52.71122 (14110908)
 4215620.6 | 56.06086 (13112018)   55.16079 (14110908)   54.28177 (14110908)   53.24996 (14110908)
51.83606 (14110908)
 4215600.6 | 55.12756 (13112018)   54.14428 (14110908)   53.48978 (14110908)   52.32283 (14110908)
51.11065 (14110908)
 4215580.6 | 54.13297 (13112018)   53.01100 (14110908)   52.49542 (14110908)   51.54386 (14110908)
50.30575 (14110908)
 4215560.6 | 53.26369 (13112018)   52.02017 (14110908)   51.62809 (14110908)   50.79222 (14110908)
49.70245 (14110908)
 4215540.6 | 52.42943 (13112018)   51.08393 (13112018)   50.78071 (14110908)   49.94980 (14110908)
49.04079 (14110908)
 4215520.6 | 51.62727 (13112018)   50.33675 (13112018)   49.94943 (14110908)   49.22012 (14110908)
48.31331 (14110908)
 4215500.6 | 50.78002 (13112018)   49.49230 (13112018)   48.96807 (14110908)   48.43065 (14110908)
47.60509 (14110908)
 4215480.6 | 49.96434 (13112018)   48.74266 (13112018)   47.99611 (14110908)   47.65688 (14110908)
46.98506 (14110908)
 4215460.6 | 49.17775 (13112018)   47.95682 (13112018)   47.11782 (14110908)   46.89600 (14110908)
46.31085 (14110908)
 4215440.6 | 48.41808 (13112018)   47.26144 (13112018)   46.15939 (14110908)   46.14545 (14110908)
45.65016 (14110908)
 4215420.6 | 47.75317 (13112018)   46.58971 (13112018)   45.33443 (13112018)   45.40293 (14110908)
45.06843 (14110908)
 4215400.6 | 47.10711 (13112018)   46.00064 (13112018)   44.78650 (13112018)   44.74196 (14110908)
44.49378 (14110908)
 4215380.6 | 46.47850 (13112018)   45.42829 (13112018)   44.25471 (13112018)   44.08295 (14110908)
43.92445 (14110908)
 4215360.6 | 45.86632 (13112018)   44.87144 (13112018)   43.78467 (13112018)   43.49444 (14110908)
43.41909 (14110908)
 4215340.6 | 45.26953 (13112018)   44.37993 (13112018)   43.28011 (13112018)   42.83306 (14110908)
42.85405 (14110908)
 4215320.6 | 44.79288 (13112018)   43.89604 (13112018)   42.86936 (13112018)   42.23413 (14110908)
42.34514 (14110908)
 4215300.6 | 44.26831 (13112018)   43.46171 (13112018)   42.45904 (13112018)   41.68593 (14110908)
41.83141 (14110908)
 4215280.6 | 43.75190 (13112018)   43.02771 (13112018)   42.05416 (16121207)   41.09431 (16121207)
41.31243 (14110908)
 4215260.6 | 43.28443 (13112018)   42.59523 (13112018)   41.65482 (16121207)   40.72371 (16121207)
40.78774 (14110908)
 4215240.6 | 42.74364 (13112018)   42.13471 (13112018)   41.22550 (16121207)   40.32841 (16121207)
40.21276 (14110908)
 4215220.6 | 42.17672 (13112018)   41.62273 (13112018)   40.72324 (13112018)   39.86012 (16121207)
39.58981 (14110908)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                                INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                     *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                          ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17

538925.17
 -
- - - - - - - -

 4215200.6 | 41.62233 (13112018)   41.09111 (13112018)   40.26676 (13112018)   39.42938 (16121207)
39.00852 (14110908)
 4215180.6 | 41.07984 (13112018)   40.56949 (13112018)   39.79421 (13112018)   39.00800 (16121207)
38.37876 (14110908)
 4215160.6 | 40.54869 (13112018)   40.09084 (13112018)   39.33069 (13112018)   38.59540 (16121207)
37.83475 (15120508)
 4215140.6 | 40.06589 (13112018)   39.62213 (13112018)   38.90443 (13112018)   38.19104 (16121207)
37.43787 (15120508)
 4215120.6 | 39.59214 (13112018)   39.22663 (13112018)   38.51498 (13112018)   37.79441 (16121207)
37.01718 (15120508)
 4215100.6 | 39.12706 (13112018)   38.80676 (13112018)   38.13319 (13112018)   37.43319 (16121207)
36.63490 (16121207)
 4215080.6 | 38.70356 (13112018)   38.39454 (13112018)   37.75873 (13112018)   37.05073 (16121207)
36.28565 (16121207)
 4215060.6 | 38.25380 (13112018)   37.98965 (13112018)   37.39126 (13112018)   36.70215 (16121207)
35.94308 (16121207)
 4215040.6 | 37.82525 (13111822)   37.59175 (13112018)   37.05414 (13112018)   36.35901 (16121207)
35.63094 (16121207)
 4215020.6 | 37.42547 (13111822)   37.20055 (13112018)   36.69900 (13112018)   36.02101 (16121207)
35.32414 (16121207)
↑ *** AERMOD - VERSION 24142 ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
   07/15/25
 *** AERMET - VERSION 18081 ***   ***   ***
  15:15:41

  PAGE 438
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                                  INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                 L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -
- - - - - - - -

 4216000.6 | 81.10544 (14110717)   78.61105 (14110717)   76.44591 (14110717)   75.23177 (15012918)
75.42662 (15012109)
 4215980.6 | 77.94624 (14110717)   75.62516 (14110717)   73.55404 (14110717)   71.88852 (14110717)
71.80606 (15012109)
 4215960.6 | 75.00432 (14110717)   72.84827 (14110717)   71.08215 (14110908)   70.28069 (15012918)
68.57860 (15012109)
 4215940.6 | 72.36350 (14110717)   70.38583 (14110717)   68.50826 (14110717)   67.59683 (15012918)
67.32197 (15012109)
 4215920.6 | 69.85572 (14110717)   68.06522 (14110717)   66.75968 (14110908)   66.17030 (14110908)
65.92835 (15012918)
 4215900.6 | 67.60776 (14110717)   65.96214 (14110717)   64.52726 (14110908)   64.08206 (14110908)
63.76181 (15012918)
 4215880.6 | 65.40679 (14110717)   63.96300 (14110717)   62.46350 (14110717)   62.22616 (14110908)
61.67480 (15012918)
 4215860.6 | 63.43562 (14110717)   62.01141 (14110717)   61.54606 (14110908)   61.08219 (14110908)
60.64528 (15012918)
 4215840.6 | 61.54228 (14110717)   60.28699 (14110717)   59.90454 (14110908)   59.50599 (14110908)
58.99777 (15012918)
 4215820.6 | 59.66788 (14110717)   58.62892 (14110717)   58.36953 (14110908)   58.03707 (14110908)
57.58285 (15012918)
 4215800.6 | 58.20723 (14110908)   57.62513 (14110908)   57.25687 (14110908)   56.68686 (14110908)

56.41547 (15012918)
 4215780.6 | 56.94938 (14110908)   56.40029 (14110908)   55.89390 (14110908)   55.33153 (14110908)
54.85526 (15012918)
 4215760.6 | 55.83970 (14110908)   55.12713 (14110908)   54.62228 (14110908)   53.94741 (14110908)
53.39397 (15012918)
 4215740.6 | 55.35946 (14110908)   54.03246 (14110908)   53.43060 (14110908)   52.77320 (14110908)
52.02212 (15012918)
 4215720.6 | 54.38193 (14110908)   53.33751 (14110908)   52.42234 (14110908)   51.55219 (14110908)
50.73150 (15012918)
 4215700.6 | 53.70891 (14110908)   52.44521 (14110908)   51.45990 (14110908)   50.52152 (14110908)
49.65056 (15012918)
 4215680.6 | 52.87762 (14110908)   51.58240 (14110908)   50.62024 (14110908)   49.74197 (14110908)
48.74926 (15012918)
 4215660.6 | 52.08569 (14110908)   50.81028 (14110908)   49.82981 (14110908)   48.95265 (14110908)
47.87749 (15012918)
 4215640.6 | 51.25716 (14110908)   50.08204 (14110908)   49.09883 (14110908)   48.21208 (14110908)
47.43890 (15012918)
 4215620.6 | 50.55175 (14110908)   49.41970 (15012918)   48.40206 (14110908)   47.49564 (15012918)
46.86063 (15012918)
 4215600.6 | 49.76023 (14110908)   48.75192 (15012918)   47.75837 (15012918)   46.87115 (15012918)
46.25961 (15012918)
 4215580.6 | 49.19047 (14110908)   48.08622 (15012918)   47.16663 (15012918)   46.26807 (15012918)
45.66481 (15012918)
 4215560.6 | 48.47595 (14110908)   47.47376 (15012918)   46.59178 (15012918)   45.82201 (15012918)
45.09837 (15012918)
 4215540.6 | 47.85896 (14110908)   46.87287 (15012918)   46.09099 (15012918)   45.29469 (15012918)
44.50476 (15012918)
 4215520.6 | 47.26673 (14110908)   46.18839 (15012918)   45.55789 (15012918)   44.69695 (15012918)
44.00396 (15012918)
 4215500.6 | 46.63494 (14110908)   45.70360 (15012918)   44.93321 (15012918)   44.20791 (15012918)
43.52314 (15012918)
 4215480.6 | 46.06891 (14110908)   45.10607 (14110908)   44.41282 (15012918)   43.64387 (15012918)
43.05793 (15012918)
 4215460.6 | 45.51884 (14110908)   44.59037 (14110908)   43.90104 (15012918)   43.17150 (15012918)
42.53211 (15012918)
 4215440.6 | 44.98245 (14110908)   44.09106 (14110908)   43.29426 (15012918)   42.79636 (15012918)
42.08942 (15012918)
 4215420.6 | 44.45816 (14110908)   43.60603 (14110908)   42.85368 (15012918)   42.25871 (15012918)
41.66239 (15012918)
 4215400.6 | 43.94392 (14110908)   43.13384 (14110908)   42.32961 (15012918)   41.79576 (15012918)
41.18253 (15012918)
 4215380.6 | 43.49063 (14110908)   42.71996 (14110908)   41.85191 (14110908)   41.33585 (15012918)
40.83049 (15012918)
 4215360.6 | 42.99018 (14110908)   42.26694 (14110908)   41.42887 (14110908)   40.87674 (15012918)
40.41519 (15012918)
 4215340.6 | 42.49525 (14110908)   41.82231 (14110908)   41.01666 (14110908)   40.48508 (15012918)
40.00416 (15012918)
 4215320.6 | 42.00459 (14110908)   41.38474 (14110908)   40.61408 (14110908)   40.01897 (15012918)
39.59530 (15012918)
 4215300.6 | 41.56208 (14110908)   40.95305 (14110908)   40.25721 (14110908)   39.54702 (15012918)
39.18622 (15012918)
 4215280.6 | 41.07516 (14110908)   40.56531 (14110908)   39.86924 (14110908)   39.10694 (14110908)
38.77512 (15012918)
 4215260.6 | 40.58917 (14110908)   40.14108 (14110908)   39.48764 (14110908)   38.75272 (14110908)
38.41824 (15012918)
 4215240.6 | 40.14387 (14110908)   39.71965 (14110908)   39.11139 (14110908)   38.40602 (14110908)
37.99612 (15012918)
 4215220.6 | 39.65609 (14110908)   39.30005 (14110908)   38.73950 (14110908)   38.09602 (14110908)
37.56654 (15012918)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***

```
                                INCLUDING SOURCE(S):     L0000423    , L0000424    , L0000425    , L0000426    ,
L0000427    ,
                L0000428    , L0000429    , L0000430    , L0000431    , L0000432    , L0000433    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       538945.17              538965.17              538985.17              539005.17
539025.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |     39.12743 (14110908)     38.88135 (14110908)     38.40282 (14110908)     37.76087 (14110908)
37.12777 (15012918)
 4215180.6 |     38.63624 (14110908)     38.46277 (14110908)     38.03644 (14110908)     37.43069 (14110908)
36.77082 (15112021)
 4215160.6 |     38.14190 (14110908)     38.07708 (14110908)     37.67195 (14110908)     37.10464 (14110908)
36.43551 (14110908)
 4215140.6 |     37.60552 (14110908)     37.62277 (14110908)     37.27853 (14110908)     36.78192 (14110908)
36.16669 (14110908)
 4215120.6 |     37.02555 (14110908)     37.13184 (14110908)     36.88543 (14110908)     36.43485 (14110908)
35.87666 (14110908)
 4215100.6 |     36.48070 (14110908)     36.63635 (14110908)     36.49188 (14110908)     36.11708 (14110908)
35.59036 (14110908)
 4215080.6 |     35.89028 (14110908)     36.17312 (14110908)     36.09717 (14110908)     35.80043 (14110908)
35.30712 (14110908)
 4215060.6 |     35.29409 (14110908)     35.66866 (14110908)     35.70067 (14110908)     35.45770 (14110908)
35.02630 (14110908)
 4215040.6 |     34.92318 (15120508)     35.23532 (14110908)     35.30180 (14110908)     35.11472 (14110908)
34.70132 (14110908)
 4215020.6 |     34.65020 (15120508)     34.79728 (14110908)     34.93264 (14110908)     34.74268 (14110908)
34.37604 (14110908)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 440
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CAR1
***
                                INCLUDING SOURCE(S):     L0000423    , L0000424    , L0000425    , L0000426    ,
L0000427    ,
                L0000428    , L0000429    , L0000430    , L0000431    , L0000432    , L0000433    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539045.17              539065.17              539085.17              539105.17
539125.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |     75.68793 (16110820)     75.87622 (16110518)     77.58914 (14110717)     78.43832 (14110717)
76.44065 (16111418)
 4215980.6 |     71.93041 (16110820)     72.08428 (16110820)     73.13521 (14110717)     74.38011 (14110717)
73.60875 (14110717)
 4215960.6 |     68.55794 (16110820)     68.96406 (16110820)     69.24450 (14110717)     70.53617 (14110717)
70.70063 (14110717)
 4215940.6 |     65.62279 (16110820)     66.08091 (16110820)     66.02906 (16111419)     67.01851 (14110717)
67.66000 (14110717)
 4215920.6 |     64.52686 (14110218)     63.44373 (16110820)     63.16053 (16111419)     63.86885 (14110717)
64.68042 (14110717)
 4215900.6 |     62.88461 (15012109)     61.99490 (16110820)     60.75512 (16110820)     61.08579 (14110717)
```

61.87669 (14110717)
 4215880.6 | 60.89957 (15012109)   60.73388 (14110218)   59.69631 (16110820)   58.75749 (16111419)
59.30707 (14110717)
 4215860.6 | 59.15427 (15012918)   58.79981 (14110218)   57.88061 (16110820)   57.39973 (16111419)
57.00780 (14110717)
 4215840.6 | 58.15385 (15012918)   56.92447 (14110218)   56.45839 (16110820)   55.45977 (13111221)
55.64868 (16111419)
 4215820.6 | 56.82990 (15012918)   56.07201 (14110218)   55.00769 (14110218)   54.57811 (16110820)
53.96528 (16111419)
 4215800.6 | 55.55527 (15012918)   54.51018 (14110218)   54.54227 (14110218)   53.16286 (16110820)
52.44781 (13111221)
 4215780.6 | 54.17568 (15012918)   53.17034 (15012109)   53.07759 (14110218)   51.68964 (14110218)
50.99300 (16110820)
 4215760.6 | 52.71609 (15012918)   51.86758 (15012109)   51.80157 (14110218)   51.31475 (14110218)
49.96813 (16110820)
 4215740.6 | 51.46727 (15012918)   50.61763 (15012109)   50.54245 (14110218)   50.34286 (14110218)
49.45911 (16110820)
 4215720.6 | 50.60396 (15012918)   49.60077 (15012918)   49.30498 (14110218)   49.47650 (14110218)
48.42270 (16110820)
 4215700.6 | 49.56005 (15012918)   48.92332 (15012918)   48.78750 (14110218)   48.80548 (14110218)
47.65482 (14110218)
 4215680.6 | 48.70302 (15012918)   48.18729 (15012918)   47.78502 (14110218)   47.90451 (14110218)
46.92171 (14110218)
 4215660.6 | 47.87733 (15012918)   47.47024 (15012918)   46.81090 (14110218)   47.01459 (14110218)
46.44763 (14110218)
 4215640.6 | 47.22522 (15012918)   46.74562 (15012918)   46.28484 (14110218)   46.30166 (14110218)
45.88763 (14110218)
 4215620.6 | 46.65165 (15012918)   46.21584 (15012918)   45.62500 (14110218)   45.53959 (14110218)
45.22765 (14110218)
 4215600.6 | 45.93492 (15012918)   45.48876 (15012918)   44.98771 (14110218)   44.90454 (14110218)
44.56984 (14110218)
 4215580.6 | 45.32506 (15012918)   44.89163 (15012918)   44.34226 (14110218)   44.23646 (14110218)
43.92459 (14110218)
 4215560.6 | 44.75046 (15012918)   44.32553 (15012918)   43.72907 (14110218)   43.60772 (14110218)
43.25897 (14110218)
 4215540.6 | 44.10323 (15012918)   43.68096 (15012918)   43.13729 (14110218)   42.93970 (14110218)
42.67433 (14110218)
 4215520.6 | 43.58509 (15012918)   43.15664 (15012918)   42.61348 (14110218)   42.38716 (14110218)
42.12809 (14110218)
 4215500.6 | 43.08515 (15012918)   42.66038 (15012918)   42.13148 (14110218)   41.87165 (14110218)
41.59224 (14110218)
 4215480.6 | 42.60646 (15012918)   42.17248 (15012918)   41.65611 (14110218)   41.37310 (14110218)
41.08789 (14110218)
 4215460.6 | 42.09003 (15012918)   41.66435 (15012918)   41.15765 (15012918)   40.90449 (14110218)
40.52031 (14110218)
 4215440.6 | 41.64414 (15012918)   41.21272 (15012918)   40.72030 (15012918)   40.37639 (14110218)
40.05899 (14110218)
 4215420.6 | 41.21820 (15012918)   40.78205 (15012918)   40.29970 (15012918)   39.93757 (14110218)
39.55482 (14110218)
 4215400.6 | 40.76200 (15012918)   40.33677 (15012918)   39.87076 (15012918)   39.51549 (14110218)
39.19592 (14110218)
 4215380.6 | 40.41529 (15012918)   39.98608 (15012918)   39.52381 (15012918)   39.10015 (14110218)
38.78546 (14110218)
 4215360.6 | 40.01874 (15012918)   39.59533 (15012918)   39.14056 (15012918)   38.68034 (14110218)
38.32853 (14110218)
 4215340.6 | 39.63146 (15012918)   39.21722 (15012918)   38.77023 (15012918)   38.26307 (14110218)
37.93031 (14110218)
 4215320.6 | 39.19620 (15012918)   38.80190 (15012918)   38.32421 (15012918)   37.76647 (15012918)
37.47676 (14110218)
 4215300.6 | 38.82278 (15012918)   38.39692 (15012918)   37.93503 (15012918)   37.35645 (15012918)
37.02665 (14110218)
 4215280.6 | 38.45262 (15012918)   38.00041 (15012918)   37.51062 (15012918)   37.00060 (15012918)
36.57624 (14110218)
 4215260.6 | 38.03072 (15012918)   37.61060 (15012918)   37.14152 (15012918)   36.60886 (15012918)
36.05522 (14110218)
 4215240.6 | 37.66286 (15012918)   37.22570 (15012918)   36.78029 (15012918)   36.27035 (15012918)
35.67761 (15012918)
 4215220.6 | 37.29283 (15012918)   36.89377 (15012918)   36.47182 (15012918)   35.98353 (15012918)
35.42320 (15012918)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***
INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539045.17	539065.17	539085.17	539105.17	539125.17
4215200.6	36.91905 (15012918)	36.60990 (15012918)	36.16741 (15012918)	35.70148 (15012918)	35.12968 (15012918)
4215180.6	36.58929 (15012918)	36.27720 (15012918)	35.86581 (15012918)	35.42350 (15012918)	34.88149 (15012918)
4215160.6	36.20250 (15012918)	35.94249 (15012918)	35.56576 (15012918)	35.14881 (15012918)	34.59574 (15012918)
4215140.6	35.80752 (15012918)	35.60433 (15012918)	35.26605 (15012918)	34.87654 (15012918)	34.31336 (15012918)
4215120.6	35.40442 (15112021)	35.26134 (15012918)	35.00585 (15012918)	34.60583 (15012918)	34.07323 (15012918)
4215100.6	35.09578 (15112021)	34.91224 (15012918)	34.70253 (15012918)	34.33578 (15012918)	33.79569 (15012918)
4215080.6	34.78568 (15112021)	34.59763 (15012918)	34.39601 (15012918)	34.06539 (15012918)	33.55795 (15012918)
4215060.6	34.47328 (15112021)	34.23210 (15012918)	34.08509 (15012918)	33.75715 (15012918)	33.28254 (15012918)
4215040.6	34.10095 (14110908)	33.79593 (15112021)	33.69105 (15012918)	33.44674 (15012918)	33.00696 (15012918)
4215020.6	33.80930 (14110908)	33.45475 (15112021)	33.28795 (15012918)	33.09453 (15012918)	32.73032 (15012918)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***
INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539145.17	539165.17	539185.17	539205.17	539225.17
4216000.6	75.75750 (16111220)	72.09854 (16111220)	64.54895 (13112817)	62.79568 (16111321)	

61.87653 (16110219)
 4215980.6 | 72.20719 (16111220)   70.75842 (16111220)   65.76349 (16111220)   60.73506 (13112817)
59.02928 (16111321)
 4215960.6 | 69.02175 (16111418)   68.42178 (16111220)   65.70478 (16111220)   59.61297 (16111220)
57.18429 (13112817)
 4215940.6 | 66.48502 (14110717)   65.58554 (16111220)   64.50116 (16111220)   60.65812 (16111220)
55.21259 (13112817)
 4215920.6 | 64.37878 (14110717)   63.02984 (16111418)   62.56357 (16111220)   60.46272 (16111220)
55.69314 (16111220)
 4215900.6 | 62.07852 (14110717)   60.65008 (14110717)   60.25034 (16111220)   59.38689 (16111220)
56.33347 (16111220)
 4215880.6 | 59.76766 (14110717)   59.13732 (14110717)   58.17003 (16111418)   57.75801 (16111220)
56.06854 (16111220)
 4215860.6 | 57.53248 (14110717)   57.41958 (14110717)   56.25838 (16111418)   55.86295 (16111220)
55.10968 (16111220)
 4215840.6 | 55.43622 (14110717)   55.61574 (14110717)   54.77005 (14110717)   54.10743 (16111418)
53.72603 (16111220)
 4215820.6 | 54.12851 (14110717)   53.82240 (14110717)   53.44441 (14110717)   52.55178 (16111418)
52.11781 (16111220)
 4215800.6 | 52.21669 (14110717)   52.08981 (14110717)   52.01969 (14110717)   51.00027 (14110717)
50.60608 (16111418)
 4215780.6 | 51.10484 (16111419)   51.03428 (14110717)   50.54294 (14110717)   49.97845 (14110717)
49.31142 (16111418)
 4215760.6 | 49.68742 (16111419)   49.43724 (14110717)   49.87709 (14110717)   49.82247 (14110717)
48.74570 (14110717)
 4215740.6 | 48.31254 (13111221)   48.30522 (16111419)   48.53963 (14110717)   49.00545 (14110717)
48.73902 (14110717)
 4215720.6 | 47.66590 (15011018)   47.15521 (16111419)   47.03366 (14110717)   47.62611 (14110717)
47.76546 (14110717)
 4215700.6 | 46.75130 (16110820)   46.77613 (16110518)   46.01627 (16110518)   46.13279 (14110717)
46.56780 (14110717)
 4215680.6 | 45.97732 (16110820)   45.63320 (16110518)   45.70616 (16110518)   45.47587 (14110717)
45.27460 (14110717)
 4215660.6 | 45.21681 (16110820)   44.55458 (15011018)   44.77025 (16110518)   44.52056 (16110518)
43.95939 (14110717)
 4215640.6 | 44.82998 (13110920)   43.68750 (16110820)   43.77800 (16110518)   43.69669 (16110518)
43.42415 (14110717)
 4215620.6 | 44.24692 (14110218)   43.36265 (13110920)   42.77607 (15011018)   42.80544 (16110518)
42.20690 (14110717)
 4215600.6 | 43.75100 (14110218)   42.83689 (13110920)   42.44114 (15011018)   41.97173 (16110518)
41.57879 (16110518)
 4215580.6 | 43.25067 (14110218)   42.39064 (13110920)   41.64791 (15011018)   41.08828 (16110518)
40.98001 (16110518)
 4215560.6 | 42.86228 (14110218)   41.95001 (13110920)   41.03560 (13110920)   40.85786 (16110518)
40.38318 (16110518)
 4215540.6 | 42.27593 (14110218)   41.39711 (13110920)   40.70227 (13110920)   40.25033 (15011018)
40.19915 (16110518)
 4215520.6 | 41.76972 (14110218)   40.96456 (14110218)   40.29773 (13110920)   39.87683 (15011018)
39.51784 (16110518)
 4215500.6 | 41.27442 (14110218)   40.58614 (14110218)   39.95779 (13110920)   39.26043 (15011018)
38.82643 (15011018)
 4215480.6 | 40.70149 (14110218)   40.29426 (14110218)   39.52699 (13110920)   38.80256 (13110920)
38.54627 (15011018)
 4215460.6 | 40.23112 (14110218)   39.80530 (14110218)   39.09249 (13110920)   38.45575 (13110920)
38.00830 (15011018)
 4215440.6 | 39.77956 (14110218)   39.39808 (14110218)   38.64136 (14110218)   38.12794 (13110920)
37.71251 (15011018)
 4215420.6 | 39.33524 (14110218)   38.92870 (14110218)   38.33746 (14110218)   37.81478 (13110920)
37.22116 (15011018)
 4215400.6 | 38.85399 (14110218)   38.52461 (14110218)   38.02316 (14110218)   37.45602 (13110920)
36.85779 (13110920)
 4215380.6 | 38.43723 (14110218)   38.13330 (14110218)   37.70589 (14110218)   37.09666 (13110920)
36.52987 (13110920)
 4215360.6 | 38.03903 (14110218)   37.76081 (14110218)   37.36871 (14110218)   36.66557 (13110920)
36.25005 (13110920)
 4215340.6 | 37.60841 (14110218)   37.38208 (14110218)   36.98454 (14110218)   36.41344 (14110218)
35.97121 (13110920)
 4215320.6 | 37.22656 (14110218)   36.97606 (14110218)   36.64352 (14110218)   36.08342 (14110218)
35.50823 (13110920)

 4215300.6 | 36.79504 (14110218)   36.61128 (14110218)   36.30888 (14110218)   35.77006 (14110218)
35.12376 (13110920)
 4215280.6 | 36.43037 (14110218)   36.25605 (14110218)   35.88475 (14110218)   35.42670 (14110218)
34.66231 (13110920)
 4215260.6 | 36.01026 (14110218)   35.90845 (14110218)   35.55536 (14110218)   35.08437 (14110218)
34.39684 (14110218)
 4215240.6 | 35.59074 (14110218)   35.51319 (14110218)   35.17732 (14110218)   34.74432 (14110218)
34.12800 (14110218)
 4215220.6 | 35.16849 (14110218)   35.06610 (14110218)   34.80507 (14110218)   34.40715 (14110218)
33.80373 (14110218)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                                INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4215200.6 | 34.74012 (14110218)   34.61707 (14110218)   34.38079 (14110218)   34.02866 (14110218)
33.58079 (14110218)
 4215180.6 | 34.30236 (14110218)   34.22302 (14110218)   34.01466 (14110218)   33.68918 (14110218)
33.35254 (14110218)
 4215160.6 | 33.88120 (15012918)   33.76334 (14110218)   33.59008 (14110218)   33.35096 (14110218)
33.05856 (14110218)
 4215140.6 | 33.64083 (15012918)   33.29283 (14110218)   33.16079 (14110218)   33.01288 (14110218)
32.77579 (14110218)
 4215120.6 | 33.40079 (15012918)   32.80877 (14110218)   32.78705 (14110218)   32.67346 (14110218)
32.47096 (14110218)
 4215100.6 | 33.16108 (15012918)   32.37600 (14110218)   32.34304 (14110218)   32.33113 (14110218)
32.22047 (14110218)
 4215080.6 | 32.92158 (15012918)   32.08538 (15012918)   31.95258 (14110218)   31.98415 (14110218)
31.96570 (14110218)
 4215060.6 | 32.68205 (15012918)   31.85122 (15012918)   31.48449 (14110218)   31.63069 (14110218)
31.65167 (14110218)
 4215040.6 | 32.44215 (15012918)   31.70259 (15012918)   31.13514 (14110218)   31.32927 (14110218)
31.38735 (14110218)
 4215020.6 | 32.20145 (15012918)   31.54907 (15012918)   30.86145 (15012109)   31.07549 (14110218)
31.16861 (14110218)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                                INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539245.17	539265.17	539285.17	539305.17	539325.17
4216000.6	61.22799 (14012919)	59.65004 (14012919)	57.91824 (17010206)	57.88445 (17010206)	57.20528 (16112806)
4215980.6	58.53798 (16110219)	57.78583 (14012919)	56.19859 (14012919)	54.71619 (17010206)	54.70432 (17010206)
4215960.6	55.58713 (16111321)	55.49893 (16110219)	54.70716 (14012919)	53.12897 (14012919)	51.88500 (17010206)
4215940.6	53.87359 (13112817)	52.82133 (16110219)	52.75212 (16110219)	51.94738 (14012919)	50.40020 (14012919)
4215920.6	52.45404 (13112817)	51.08990 (16111321)	50.48672 (16110219)	50.25896 (16110219)	49.46975 (14012919)
4215900.6	50.88324 (16111220)	49.83534 (13112817)	48.60033 (16111321)	48.34246 (16110219)	47.99654 (16110219)
4215880.6	52.22379 (16111220)	48.39895 (13112817)	47.36722 (13112817)	46.38897 (17012308)	46.38438 (16110219)
4215860.6	52.62935 (16111220)	48.18740 (16111220)	46.30737 (13112817)	45.18467 (16111321)	44.56747 (16110219)
4215840.6	52.29826 (16111220)	49.19286 (16111220)	44.95209 (13112817)	44.32524 (13112817)	43.32572 (16111321)
4215820.6	51.44557 (16111220)	49.44226 (16111220)	45.80694 (16111220)	43.25479 (13112817)	42.43527 (13112817)
4215800.6	50.26137 (16111220)	49.09416 (16111220)	46.54382 (16111220)	42.49972 (16111220)	41.62181 (13112817)
4215780.6	48.89949 (16111220)	48.33465 (16111220)	46.64544 (16111220)	43.63348 (16111220)	40.58182 (13112817)
4215760.6	48.22898 (16111418)	47.31219 (16111220)	46.29747 (16111220)	44.16231 (16111220)	40.75399 (16111220)
4215740.6	47.40295 (16111418)	46.65104 (16111220)	45.62069 (16111220)	44.19928 (16111220)	41.63862 (16111220)
4215720.6	46.81708 (14110717)	45.96031 (16111418)	45.24208 (16111220)	43.86116 (16111220)	42.02511 (16111220)
4215700.6	46.23225 (14110717)	44.91775 (16111418)	44.20676 (16111220)	43.25680 (16111220)	42.00913 (16111220)
4215680.6	45.26705 (14110717)	44.17376 (14110717)	43.57429 (16111418)	42.96154 (16111220)	42.21239 (16111220)
4215660.6	44.20450 (14110717)	43.66320 (14110717)	42.68357 (16111418)	42.17463 (16111220)	41.68458 (16111220)
4215640.6	43.10638 (14110717)	42.89139 (14110717)	41.91806 (14110717)	41.53953 (16111418)	41.16908 (16111220)
4215620.6	42.01871 (14110717)	42.07734 (14110717)	41.52691 (14110717)	40.77523 (16111418)	40.24950 (16111418)
4215600.6	41.55887 (14110717)	41.89204 (14110717)	41.77686 (14110717)	40.89830 (14110717)	39.76984 (16111418)
4215580.6	40.56548 (14110717)	41.01019 (14110717)	41.16276 (14110717)	40.71580 (14110717)	39.51959 (16111418)
4215560.6	39.86253 (16110518)	40.08076 (14110717)	40.41922 (14110717)	40.31656 (14110717)	39.36135 (14110717)
4215540.6	39.38698 (16110518)	39.13578 (14110717)	39.58872 (14110717)	39.74662 (14110717)	39.21592 (14110717)
4215520.6	39.39497 (16110518)	38.81037 (16110518)	39.26767 (14110717)	39.51529 (14110717)	38.86439 (14110717)
4215500.6	38.85594 (16110518)	38.53374 (16110518)	38.39329 (14110717)	38.65719 (14110717)	38.18231 (14110717)
4215480.6	38.26011 (16110518)	38.03775 (16110518)	37.53049 (14110717)	37.87502 (14110717)	37.43360 (14110717)
4215460.6	38.00359 (16110518)	37.58960 (16110518)	37.03088 (16110518)	37.00393 (14110717)	37.19523 (14110717)
4215440.6	37.45263 (16110518)	37.25456 (16110518)	36.64107 (16110518)	36.15819 (14110717)	36.41702 (14110717)
4215420.6	37.07081 (16110518)	36.80303 (16110518)	36.49550 (16110518)	35.49597 (16110518)	35.71413 (14110717)

 4215400.6 | 36.59039 (15011018)   36.54913 (16110518)   36.15860 (16110518)   35.32250 (16110518)
35.06451 (14110717)
 4215380.6 | 36.15270 (15011018)   36.10519 (16110518)   35.77213 (16110518)   35.26703 (16110518)
34.39429 (14110717)
 4215360.6 | 35.83876 (15011018)   35.65231 (16110518)   35.47820 (16110518)   35.00633 (16110518)
34.33749 (16110518)
 4215340.6 | 35.42922 (15011018)   35.25897 (16110518)   35.08826 (16110518)   34.87608 (16110518)
34.21321 (16110518)
 4215320.6 | 34.98111 (13110920)   34.77508 (15011018)   34.68074 (16110518)   34.45984 (16110518)
34.06077 (16110518)
 4215300.6 | 34.59123 (13110920)   34.21812 (15011018)   34.23496 (16110518)   34.12159 (16110518)
33.84519 (16110518)
 4215280.6 | 34.18790 (13110920)   33.75734 (15011018)   33.76154 (15011018)   33.79366 (16110518)
33.58753 (16110518)
 4215260.6 | 33.77379 (13110920)   33.41622 (13110920)   33.34094 (15011018)   33.44924 (16110518)
33.39454 (16110518)
 4215240.6 | 33.44001 (13110920)   33.16620 (13110920)   33.00553 (15011018)   33.09487 (16110518)
33.09805 (16110518)
 4215220.6 | 33.14284 (13110920)   32.92503 (13110920)   32.65744 (15011018)   32.72977 (16110518)
32.75209 (16110518)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                               INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4215200.6 | 32.90725 (14110218)   32.72125 (13110920)   32.33238 (13110920)   32.42764 (15011018)
32.43520 (16110518)
 4215180.6 | 32.71827 (14110218)   32.45315 (13110920)   32.14587 (13110920)   32.07206 (15011018)
32.11095 (16110518)
 4215160.6 | 32.55019 (14110218)   32.21855 (13110920)   31.97626 (13110920)   31.75607 (15011018)
31.81580 (15011018)
 4215140.6 | 32.43193 (14110218)   31.97638 (13110920)   31.79058 (13110920)   31.36274 (15011018)
31.39155 (15011018)
 4215120.6 | 32.19924 (14110218)   31.72952 (14110218)   31.52834 (13110920)   31.13957 (13110920)
30.95849 (15011018)
 4215100.6 | 31.99098 (14110218)   31.53201 (14110218)   31.21094 (13110920)   30.87393 (13110920)
30.58840 (15011018)
 4215080.6 | 31.77529 (14110218)   31.37580 (14110218)   30.92323 (13110920)   30.59149 (13110920)
30.13524 (15011018)
 4215060.6 | 31.55292 (14110218)   31.20671 (14110218)   30.62680 (13110920)   30.35876 (13110920)
29.90454 (13110920)
 4215040.6 | 31.32422 (14110218)   31.02644 (14110218)   30.49295 (14110218)   30.12768 (13110920)
29.79444 (13110920)
 4215020.6 | 31.13721 (14110218)   30.83632 (14110218)   30.36761 (14110218)   29.92264 (13110920)
29.61947 (13110920)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***
INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539345.17	539365.17	539385.17	539405.17	539425.17
4216000.6	56.42274 (16112806)	54.64695 (16112806)	51.89473 (16112806)	51.79894 (15110121)	52.00780 (15110121)
4215980.6	54.06320 (16112806)	53.48667 (16112806)	52.07374 (16112806)	49.82341 (16112806)	48.77641 (15110121)
4215960.6	51.89259 (17010206)	51.27300 (16112806)	50.85488 (16112806)	49.73588 (16112806)	47.87634 (16112806)
4215940.6	49.37749 (17010206)	49.38999 (17010206)	48.79073 (16112806)	48.48488 (16112806)	47.58127 (16112806)
4215920.6	47.95957 (14012919)	47.13433 (17010206)	47.15245 (17010206)	46.63471 (17010206)	46.33307 (16112806)
4215900.6	47.24206 (14012919)	45.76363 (14012919)	45.11319 (17010206)	45.12158 (17010206)	44.67355 (17010206)
4215880.6	45.95117 (16110219)	45.21346 (14012919)	43.77061 (14012919)	43.26888 (17010206)	43.27493 (17010206)
4215860.6	44.58863 (16110219)	44.09099 (14012919)	43.35326 (14012919)	41.94350 (14012919)	41.58742 (17010206)
4215840.6	42.99580 (16110219)	42.90987 (16110219)	42.40976 (14012919)	41.64215 (14012919)	40.27773 (14012919)
4215820.6	41.67099 (17012308)	41.51533 (16110219)	41.34484 (16110219)	40.85619 (14012919)	40.07769 (14012919)
4215800.6	40.69778 (14012921)	40.14623 (17012308)	40.12977 (16110219)	39.89346 (16110219)	39.42077 (14012919)
4215780.6	40.03898 (13112817)	39.17811 (16111321)	38.81585 (16110219)	38.83551 (16110219)	38.54372 (16110219)
4215760.6	39.19951 (13112817)	38.51526 (13112817)	37.89045 (17012308)	37.66193 (16110219)	37.61916 (16110219)
4215740.6	38.22879 (13112817)	37.86801 (13112817)	37.15639 (14012921)	36.69168 (17012308)	36.57087 (16110219)
4215720.6	39.12194 (16111220)	37.05863 (13112817)	36.58181 (13112817)	35.90584 (14012921)	35.54417 (17012308)
4215700.6	39.81648 (16111220)	36.66156 (16111220)	35.92727 (13112817)	35.36792 (14012921)	34.84836 (17012308)
4215680.6	40.10896 (16111220)	37.63081 (16111220)	35.16905 (13112817)	34.84042 (13112817)	34.30167 (14012921)
4215660.6	40.58620 (16111220)	38.18980 (16111220)	35.47521 (16111220)	34.19795 (13112817)	33.77789 (13112817)
4215640.6	40.31317 (16111220)	38.41277 (16111220)	36.27697 (16111220)	33.48735 (13112817)	33.24874 (13112817)
4215620.6	40.03362 (16111220)	38.82239 (16111220)	36.73048 (16111220)	34.35144 (16111220)	32.63077 (13112817)
4215600.6	39.32852 (16111220)	38.55716 (16111220)	36.87546 (16111220)	34.99603 (16111220)	32.43469 (16111220)
4215580.6	38.54725 (16111418)	38.31734 (16111220)	37.27852 (16111220)	35.83053 (16111220)	33.71574 (16111220)
4215560.6	38.52701 (16111418)	37.69044 (16111220)	37.27023 (16111220)	36.32024 (16111220)	34.74727 (16111220)
4215540.6	37.91471 (16111418)	37.49689 (16111418)	36.79039 (16111220)	36.20543 (16111220)	35.07635 (16111220)
4215520.6	37.71802 (14110717)	37.06494 (16111418)	36.15284 (16111220)	35.88600 (16111220)	35.13507 (16111220)

4215500.6 | 37.52099 (14110717) 36.45310 (16111418) 36.06810 (16111418) 35.80742 (16111220)
35.02156 (16111220)
4215480.6 | 37.15743 (14110717) 36.22223 (14110717) 35.67313 (16111418) 35.21870 (16111220)
35.05556 (16111220)
4215460.6 | 36.66547 (14110717) 36.07602 (14110717) 35.15340 (16111418) 34.87637 (16111418)
34.54063 (16111220)
4215440.6 | 36.51503 (14110717) 35.77280 (14110717) 34.96017 (14110717) 34.44233 (16111418)
33.94385 (16111220)
4215420.6 | 35.93403 (14110717) 35.73001 (14110717) 35.13022 (14110717) 33.91886 (16111418)
33.61252 (16111418)
4215400.6 | 35.30663 (14110717) 35.28134 (14110717) 34.83034 (14110717) 33.59906 (14110717)
33.22104 (16111418)
4215380.6 | 34.71833 (14110717) 34.76171 (14110717) 34.42683 (14110717) 33.43697 (14110717)
32.74772 (16111418)
4215360.6 | 34.03804 (14110717) 34.19187 (14110717) 34.04210 (14110717) 33.56497 (14110717)
32.34644 (14110717)
4215340.6 | 33.80358 (14110717) 33.52401 (14110717) 33.50148 (14110717) 33.21815 (14110717)
32.59562 (14110717)
4215320.6 | 33.24644 (14110717) 33.42647 (14110717) 33.07669 (14110717) 32.97870 (14110717)
32.59608 (14110717)
4215300.6 | 33.22498 (16110518) 32.91556 (14110717) 32.59225 (14110717) 32.64637 (14110717)
32.46953 (14110717)
4215280.6 | 33.12035 (16110518) 32.37616 (14110717) 32.48475 (14110717) 32.64848 (14110717)
32.56836 (14110717)
4215260.6 | 32.95962 (16110518) 32.17326 (14110717) 32.00348 (14110717) 32.25655 (14110717)
32.31429 (14110717)
4215240.6 | 32.73895 (16110518) 32.12107 (16110518) 31.86682 (14110717) 32.03279 (14110717)
31.90680 (14110717)
4215220.6 | 32.51062 (16110518) 32.08305 (16110518) 31.39840 (14110717) 31.54572 (14110717)
31.72188 (14110717)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1
***
INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 ,
L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 539345.17 539365.17 539385.17 539405.17
539425.17
- -
- - - - - - - -

4215200.6 | 32.25590 (16110518) 31.93473 (16110518) 31.26164 (16110518) 31.11688 (14110717)
31.28287 (14110717)
4215180.6 | 32.02613 (16110518) 31.74904 (16110518) 31.17663 (16110518) 30.65707 (14110717)
30.81676 (14110717)
4215160.6 | 31.73879 (16110518) 31.49076 (16110518) 31.07567 (16110518) 30.40028 (16110518)
30.32637 (14110717)
4215140.6 | 31.31824 (16110518) 31.25250 (16110518) 30.89027 (16110518) 30.39269 (16110518)
30.06083 (14110717)
4215120.6 | 30.93559 (16110518) 30.92013 (16110518) 30.71308 (16110518) 30.28753 (16110518)
29.64608 (14110717)
4215100.6 | 30.60014 (15011018) 30.53120 (16110518) 30.50923 (16110518) 30.18096 (16110518)
29.55588 (16110518)
4215080.6 | 30.19464 (15011018) 30.24507 (16110518) 30.23443 (16110518) 30.03873 (16110518)
29.56569 (16110518)
4215060.6 | 29.84845 (15011018) 29.90640 (15011018) 29.98493 (16110518) 29.81752 (16110518)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                                INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                 L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4216000.6 | 51.84715 (15110121)   51.25369 (15110121)   50.20100 (15110121)   48.69274 (15110121)
46.76783 (15110121)
 4215980.6 | 49.06137 (15110121)   49.07420 (15110121)   48.74766 (15110121)   48.04522 (15110121)
46.94846 (15110121)
 4215960.6 | 46.09058 (15110121)   46.40943 (15110121)   46.53218 (15110121)   46.39243 (15110121)
45.94699 (15110121)
 4215940.6 | 46.03930 (16112806)   43.87016 (16112806)   44.01658 (15110121)   44.20267 (15110121)
44.19058 (15110121)
 4215920.6 | 45.60355 (16112806)   44.31612 (16112806)   42.47821 (16112806)   41.84144 (15110121)
42.06874 (15110121)
 4215900.6 | 44.37302 (16112806)   43.78153 (16112806)   42.71096 (16112806)   41.14285 (16112806)
39.85271 (15110121)
 4215880.6 | 42.89034 (17010206)   42.58962 (16112806)   42.11071 (16112806)   41.20897 (16112806)
39.86561 (16112806)
 4215860.6 | 41.59416 (17010206)   41.25835 (17010206)   40.95365 (16112806)   40.56286 (16112806)
39.80153 (16112806)
 4215840.6 | 40.05178 (17010206)   40.05624 (17010206)   39.76106 (17010206)   39.44544 (16112806)
39.12517 (16112806)
 4215820.6 | 38.75257 (14012919)   38.63632 (17010206)   38.63952 (17010206)   38.37717 (17010206)
38.05113 (16112806)
 4215800.6 | 38.63252 (14012919)   37.34999 (14012919)   37.32446 (17010206)   37.32623 (17010206)
37.09385 (17010206)
 4215780.6 | 38.08238 (14012919)   37.29010 (14012919)   36.03665 (14012919)   36.10061 (17010206)
36.10315 (17010206)
 4215760.6 | 37.27684 (16110219)   36.83541 (14012919)   36.03669 (14012919)   34.82224 (14012919)
34.95894 (17010206)
 4215740.6 | 36.47802 (16110219)   36.11054 (14012919)   35.66406 (14012919)   34.86956 (14012919)
33.75229 (17010206)
 4215720.6 | 35.54142 (16110219)   35.39776 (16110219)   35.03154 (14012919)   34.56747 (14012919)
33.77998 (14012919)
 4215700.6 | 34.54692 (16110219)   34.56107 (16110219)   34.37050 (16110219)   34.01899 (14012919)
33.54211 (14012919)
 4215680.6 | 33.86926 (17012308)   33.65294 (16110219)   33.62665 (16110219)   33.40573 (16110219)
33.06692 (14012919)
 4215660.6 | 33.26695 (14012921)   32.92608 (17012308)   32.79678 (16110219)   32.74124 (16110219)
32.49160 (16110219)
 4215640.6 | 32.81151 (14012921)   32.31710 (17012308)   32.02142 (17012308)   31.98488 (16110219)
31.90077 (16110219)
 4215620.6 | 32.32132 (13112817)   31.90699 (14012921)   31.49444 (17012308)   31.17908 (16110219)
31.21024 (16110219)

 4215600.6 | 31.79237 (13112817)   31.42230 (14012921)   31.03444 (14012921)   30.70506 (17012308)
30.45520 (16110219)
 4215580.6 | 31.50104 (13112817)   31.38090 (13112817)   30.63567 (14012921)   30.19245 (14012921)
29.94078 (17012308)
 4215560.6 | 32.47485 (16111220)   30.96598 (13112817)   30.56911 (13112817)   29.86993 (14012921)
29.45613 (17012308)
 4215540.6 | 33.28923 (16111220)   30.84315 (16111220)   30.08940 (13112817)   29.80008 (13112817)
29.12139 (14012921)
 4215520.6 | 33.79536 (16111220)   31.81407 (16111220)   29.64028 (13112817)   29.39568 (13112817)
28.76399 (14012921)
 4215500.6 | 34.16825 (16111220)   32.38862 (16111220)   30.13813 (16111220)   29.00806 (13112817)
28.69334 (13112817)
 4215480.6 | 34.03101 (16111220)   32.70213 (16111220)   30.86794 (16111220)   28.53370 (16111220)
28.40588 (13112817)
 4215460.6 | 34.14218 (16111220)   32.79453 (16111220)   31.39035 (16111220)   29.44385 (16111220)
27.85889 (13112817)
 4215440.6 | 33.72047 (16111220)   32.70765 (16111220)   31.68037 (16111220)   30.15136 (16111220)
28.07363 (16111220)
 4215420.6 | 33.29201 (16111220)   32.56175 (16111220)   31.90507 (16111220)   30.80092 (16111220)
28.85669 (16111220)
 4215400.6 | 32.74247 (16111220)   32.63275 (16111220)   32.18124 (16111220)   31.29105 (16111220)
29.66149 (16111220)
 4215380.6 | 32.49830 (16111418)   32.20625 (16111220)   31.93406 (16111220)   31.25860 (16111220)
29.92025 (16111220)
 4215360.6 | 32.13304 (16111418)   31.76691 (16111418)   31.61240 (16111220)   31.14194 (16111220)
30.00771 (16111220)
 4215340.6 | 32.03767 (16111418)   31.82875 (16111418)   31.16258 (16111220)   30.89817 (16111220)
30.30213 (16111220)
 4215320.6 | 31.73827 (14110717)   31.56368 (16111418)   30.79006 (16111418)   30.62072 (16111220)
30.22335 (16111220)
 4215300.6 | 31.87744 (14110717)   31.20441 (16111418)   30.87775 (16111418)   30.20865 (16111220)
30.01091 (16111220)
 4215280.6 | 32.13276 (14110717)   31.14041 (14110717)   30.67407 (16111418)   30.19419 (16111418)
29.69131 (16111220)
 4215260.6 | 32.07172 (14110717)   31.42610 (14110717)   30.55193 (16111418)   30.04267 (16111418)
29.58127 (16111220)
 4215240.6 | 31.82283 (14110717)   31.39094 (14110717)   30.23146 (14110717)   29.78904 (16111418)
29.35431 (16111418)
 4215220.6 | 31.61028 (14110717)   31.16274 (14110717)   30.33435 (14110717)   29.64537 (16111418)
29.20304 (16111418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                               INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4215200.6 | 31.18772 (14110717)   30.85601 (14110717)   30.32597 (14110717)   29.28738 (14110717)
29.16436 (16111418)
 4215180.6 | 30.81531 (14110717)   30.48649 (14110717)   30.13019 (14110717)   29.49840 (14110717)
28.89495 (16111418)
 4215160.6 | 30.32490 (14110717)   30.06780 (14110717)   29.94539 (14110717)   29.50630 (14110717)

28.68251 (14110717)
 4215140.6 | 29.96834 (14110717)   29.95553 (14110717)   29.81229 (14110717)   29.48695 (14110717)
28.71419 (14110717)
 4215120.6 | 29.79092 (14110717)   29.65419 (14110717)   29.62503 (14110717)   29.35497 (14110717)
28.78226 (14110717)
 4215100.6 | 29.41140 (14110717)   29.30794 (14110717)   29.30150 (14110717)   29.15734 (14110717)
28.65542 (14110717)
 4215080.6 | 29.00095 (14110717)   29.08325 (14110717)   29.01133 (14110717)   28.90280 (14110717)
28.45759 (14110717)
 4215060.6 | 28.78343 (16110518)   28.71447 (14110717)   28.80756 (14110717)   28.59861 (14110717)
28.28502 (14110717)
 4215040.6 | 28.79630 (16110518)   28.39602 (14110717)   28.48003 (14110717)   28.42337 (14110717)
28.13614 (14110717)
 4215020.6 | 28.69052 (16110518)   28.07898 (16110518)   28.18020 (14110717)   28.14550 (14110717)
27.92767 (14110717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                               INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4216000.6 | 45.90222 (14010920)   45.72473 (14010920)   45.36373 (14010920)   44.80282 (14010920)
44.02384 (14010920)
 4215980.6 | 45.47719 (15110121)   43.66254 (15110121)   43.24473 (14010920)   43.08865 (14010920)
42.75195 (14010920)
 4215960.6 | 45.17706 (15110121)   44.07182 (15110121)   42.64552 (15110121)   40.92928 (15110121)
40.84306 (14010920)
 4215940.6 | 43.93882 (15110121)   43.41605 (15110121)   42.60353 (15110121)   41.49859 (15110121)
40.11546 (15110121)
 4215920.6 | 42.14416 (15110121)   42.03154 (15110121)   41.69399 (15110121)   41.10946 (15110121)
40.26473 (15110121)
 4215900.6 | 40.09999 (15110121)   40.23530 (15110121)   40.22432 (15110121)   40.02556 (15110121)
39.61791 (15110121)
 4215880.6 | 38.09883 (16112806)   38.27445 (15110121)   38.45673 (15110121)   38.51685 (15110121)
38.42727 (15110121)
 4215860.6 | 38.65019 (16112806)   37.11147 (16112806)   36.57292 (15110121)   36.78396 (15110121)
36.90110 (15110121)
 4215840.6 | 38.48358 (16112806)   37.49322 (16112806)   36.15148 (16112806)   34.96585 (15110121)
35.20910 (15110121)
 4215820.6 | 37.79053 (16112806)   37.24832 (16112806)   36.39414 (16112806)   35.22142 (16112806)
33.74375 (16112806)
 4215800.6 | 36.75563 (16112806)   36.54684 (16112806)   36.08715 (16112806)   35.34929 (16112806)
34.32259 (16112806)
 4215780.6 | 35.90103 (17010206)   35.54929 (16112806)   35.38218 (16112806)   34.99345 (16112806)
34.35568 (16112806)
 4215760.6 | 34.96807 (17010206)   34.78981 (17010206)   34.41852 (16112806)   34.28879 (16112806)
33.96091 (16112806)
 4215740.6 | 33.89154 (17010206)   33.90517 (17010206)   33.75031 (17010206)   33.38626 (17010206)
33.25811 (16112806)
 4215720.6 | 32.74840 (17010206)   32.88609 (17010206)   32.90711 (17010206)   32.77271 (17010206)
32.44777 (17010206)

 4215700.6 | 32.76724 (14012919)   31.80020 (17010206)   31.93720 (17010206)   31.96540 (17010206)
31.85020 (17010206)
 4215680.6 | 32.58431 (14012919)   31.82564 (14012919)   30.89617 (17010206)   31.03560 (17010206)
31.07216 (17010206)
 4215660.6 | 32.16963 (14012919)   31.68624 (14012919)   30.93819 (14012919)   30.03031 (17010206)
30.17487 (17010206)
 4215640.6 | 31.62958 (16110219)   31.32384 (14012919)   30.83616 (14012919)   30.10023 (14012919)
29.19900 (17010206)
 4215620.6 | 31.10117 (16110219)   30.81154 (16110219)   30.51942 (14012919)   30.03025 (14012919)
29.30642 (14012919)
 4215600.6 | 30.46329 (16110219)   30.33497 (16110219)   30.04054 (14012919)   29.75135 (14012919)
29.26232 (14012919)
 4215580.6 | 29.75732 (16110219)   29.74917 (16110219)   29.60234 (16110219)   29.31432 (14012919)
29.01914 (14012919)
 4215560.6 | 29.20662 (17012308)   29.08808 (16110219)   29.06195 (16110219)   28.89956 (16110219)
28.62137 (14012919)
 4215540.6 | 28.77923 (17012308)   28.49816 (17012308)   28.44192 (16110219)   28.40348 (16110219)
28.22786 (16110219)
 4215520.6 | 28.39659 (14012921)   28.12150 (17012308)   27.81207 (17012308)   27.82100 (16110219)
27.77024 (16110219)
 4215500.6 | 28.09619 (14012921)   27.68875 (14012921)   27.48726 (17012308)   27.17696 (13120720)
27.22079 (16110219)
 4215480.6 | 28.02523 (13112817)   27.44795 (14012921)   27.07142 (17012308)   26.87090 (17012308)
26.60051 (16110219)
 4215460.6 | 27.81374 (13112817)   27.34636 (13112817)   26.81564 (14012921)   26.49656 (17012308)
26.27606 (17012308)
 4215440.6 | 27.32125 (13112817)   27.04381 (13112817)   26.70403 (13112817)   26.19659 (14012921)
25.94068 (17012308)
 4215420.6 | 26.75157 (13112817)   26.77303 (13112817)   26.43783 (13112817)   25.95779 (14012921)
25.59562 (14012921)
 4215400.6 | 27.51787 (16111220)   26.24213 (13112817)   26.22833 (13112817)   25.86102 (13112817)
25.39785 (14012921)
 4215380.6 | 28.14996 (16111220)   26.19005 (16111220)   25.76068 (13112817)   25.71217 (13112817)
25.29489 (13112817)
 4215360.6 | 28.62594 (16111220)   26.96724 (16111220)   25.31242 (13112207)   25.30328 (13112817)
25.20405 (13112817)
 4215340.6 | 28.88298 (16111220)   27.55012 (16111220)   25.82836 (16111220)   24.82001 (13112817)
24.83907 (13112817)
 4215320.6 | 29.48281 (16111220)   28.14604 (16111220)   26.76307 (16111220)   24.65662 (16111220)
24.37240 (13112817)
 4215300.6 | 29.51397 (16111220)   28.69734 (16111220)   27.48548 (16111220)   25.37935 (16111220)
24.01183 (13112207)
 4215280.6 | 29.40084 (16111220)   28.77179 (16111220)   27.75620 (16111220)   25.93329 (16111220)
24.21984 (16111220)
 4215260.6 | 29.16791 (16111220)   28.71232 (16111220)   27.94052 (16111220)   26.55843 (16111220)
24.85585 (16111220)
 4215240.6 | 29.12149 (16111220)   28.57886 (16111220)   27.98482 (16111220)   27.07739 (16111220)
25.37773 (16111220)
 4215220.6 | 28.75827 (16111220)   28.33718 (16111220)   27.99272 (16111220)   27.27670 (16111220)
25.95919 (16111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                                INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS) | 539545.17 539565.17 539585.17 539605.17 539625.17
- -

Y-COORD (METERS)	539545.17	539565.17	539585.17	539605.17	539625.17
4215200.6	28.61815 (16111418)	28.30130 (16111220)	27.83187 (16111220)	27.33295 (16111220)	26.48635 (16111220)
4215180.6	28.64395 (16111418)	28.00195 (13011321)	27.85659 (16111220)	27.26354 (16111220)	26.63894 (16111220)
4215160.6	28.50236 (16111418)	28.08224 (16111418)	27.55585 (16111220)	27.33919 (16111220)	26.70089 (16111220)
4215140.6	28.13076 (16111418)	27.85298 (16111418)	27.17510 (16111418)	27.07336 (16111220)	26.53454 (16111220)
4215120.6	27.75718 (14110717)	27.55980 (16111418)	27.01298 (16111418)	26.70870 (16111220)	26.29994 (16111220)
4215100.6	27.80040 (14110717)	27.21491 (16111418)	26.78225 (16111418)	26.35459 (16111418)	26.01095 (16111220)
4215080.6	27.75105 (14110717)	26.82823 (16111418)	26.49580 (16111418)	26.20482 (16111418)	25.67867 (16111220)
4215060.6	27.62131 (14110717)	26.84766 (14110717)	26.19563 (16111418)	25.99152 (16111418)	25.37523 (16111418)
4215040.6	27.77650 (14110717)	26.98782 (14110717)	26.10892 (16111418)	25.79791 (16111418)	25.53308 (16111418)
4215020.6	27.70097 (14110717)	27.12356 (14110717)	26.20550 (14110717)	25.78758 (16111418)	25.40343 (16111418)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***
INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD | X-COORD (METERS)
(METERS) | 539645.17 539665.17 539685.17 539705.17 539725.17
- -

Y-COORD (METERS)	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.6	43.05107 (14010920)	41.90598 (14010920)	40.59255 (14010920)	40.17193 (13111506)	39.76440 (13111506)
4215980.6	42.25239 (14010920)	41.57434 (14010920)	40.72948 (14010920)	39.73729 (14010920)	38.59488 (14010920)
4215960.6	40.69256 (14010920)	40.39455 (14010920)	39.94967 (14010920)	39.37473 (14010920)	38.64740 (14010920)
4215940.6	38.68008 (14010920)	38.65406 (14010920)	38.52349 (14010920)	38.27137 (14010920)	37.90084 (14010920)
4215920.6	39.17456 (15110121)	37.84386 (15110121)	36.67174 (14010920)	36.67199 (14010920)	36.57233 (14010920)
4215900.6	38.99416 (15110121)	38.13906 (15110121)	37.07190 (15110121)	35.81575 (15110121)	34.86431 (14010920)
4215880.6	38.16922 (15110121)	37.71515 (15110121)	37.06751 (15110121)	36.22719 (15110121)	35.20202 (15110121)
4215860.6	36.90182 (15110121)	36.75285 (15110121)	36.44657 (15110121)	35.97187 (15110121)	35.31811 (15110121)
4215840.6	35.37233 (15110121)	35.43579 (15110121)	35.38394 (15110121)	35.19354 (15110121)	34.85127 (15110121)
4215820.6	33.70804 (15110121)	33.90997 (15110121)	34.03424 (15110121)	34.05197 (15110121)	33.95670 (15110121)

 4215800.6 | 33.01412 (16112806)   32.27608 (15110121)   32.51331 (15110121)   32.68010 (15110121)
32.76037 (15110121)
 4215780.6 | 33.45542 (16112806)   32.29658 (16112806)   30.89415 (16112806)   31.16274 (15110121)
31.37698 (15110121)
 4215760.6 | 33.41012 (16112806)   32.62063 (16112806)   31.59189 (16112806)   30.33512 (16112806)
29.85994 (15110121)
 4215740.6 | 32.98392 (16112806)   32.50814 (16112806)   31.81549 (16112806)   30.90376 (16112806)
29.77742 (16112806)
 4215720.6 | 32.28282 (16112806)   32.05608 (16112806)   31.64772 (16112806)   31.04080 (16112806)
30.23062 (16112806)
 4215700.6 | 31.56202 (17010206)   31.35575 (16112806)   31.17141 (16112806)   30.82218 (16112806)
30.29254 (16112806)
 4215680.6 | 30.97668 (17010206)   30.72111 (17010206)   30.47161 (16112806)   30.32739 (16112806)
30.03160 (16112806)
 4215660.6 | 30.22179 (17010206)   30.14490 (17010206)   29.92132 (17010206)   29.62702 (16112806)
29.51907 (16112806)
 4215640.6 | 29.35074 (17010206)   29.40876 (17010206)   29.35223 (17010206)   29.15945 (17010206)
28.81851 (16112806)
 4215620.6 | 28.39825 (17010206)   28.55884 (17010206)   28.63121 (17010206)   28.59693 (17010206)
28.43371 (17010206)
 4215600.6 | 28.55420 (14012919)   27.62815 (17010206)   27.80147 (17010206)   27.89072 (17010206)
27.87555 (17010206)
 4215580.6 | 28.53421 (14012919)   27.84124 (14012919)   26.93198 (14012919)   27.07457 (17010206)
27.17832 (17010206)
 4215560.6 | 28.32224 (14012919)   27.84107 (14012919)   27.16389 (14012919)   26.28225 (14012919)
26.37231 (17010206)
 4215540.6 | 27.95715 (14012919)   27.65615 (14012919)   27.18102 (14012919)   26.51818 (14012919)
25.66399 (14012919)
 4215520.6 | 27.58241 (16110219)   27.32159 (14012919)   27.01956 (14012919)   26.55021 (14012919)
25.90446 (14012919)
 4215500.6 | 27.15961 (16110219)   26.96406 (16110219)   26.71114 (14012919)   26.40968 (14012919)
25.94914 (14012919)
 4215480.6 | 26.64297 (16110219)   26.57278 (16110219)   26.36903 (16110219)   26.12497 (14012919)
25.82605 (14012919)
 4215460.6 | 26.04991 (16110219)   26.08388 (16110219)   26.00621 (16110219)   25.79700 (16110219)
25.56154 (14012919)
 4215440.6 | 25.69972 (17012308)   25.51610 (16110219)   25.54482 (16110219)   25.46080 (16110219)
25.24737 (16110219)
 4215420.6 | 25.39906 (17012308)   25.13959 (17012308)   25.00058 (16110219)   25.02364 (16110219)
24.93363 (16110219)
 4215400.6 | 25.01537 (17012308)   24.87491 (17012308)   24.59844 (17012308)   24.50045 (16110219)
24.51873 (16110219)
 4215380.6 | 24.85315 (14012921)   24.52262 (17012308)   24.36417 (17012308)   24.08962 (13120720)
24.01682 (16110219)
 4215360.6 | 24.74082 (14012921)   24.32100 (14012921)   24.04168 (17012308)   23.86959 (17012308)
23.60844 (13120720)
 4215340.6 | 24.52289 (13112817)   24.11262 (14012921)   23.79937 (14012921)   23.57531 (17012308)
23.38898 (17012308)
 4215320.6 | 24.20969 (13112817)   23.82760 (14012921)   23.62906 (14012921)   23.29527 (14012921)
23.12384 (17012308)
 4215300.6 | 23.83254 (13112817)   23.50980 (13112817)   23.37580 (14012921)   23.15714 (14012921)
22.80233 (14012921)
 4215280.6 | 23.40003 (13112817)   23.21675 (13112817)   23.04862 (14012921)   22.93433 (14012921)
22.69471 (14012921)
 4215260.6 | 23.18045 (13112207)   22.86058 (13112817)   22.78593 (13112817)   22.63563 (14012921)
22.50113 (14012921)
 4215240.6 | 23.77917 (16111220)   22.70890 (13112207)   22.45832 (13112817)   22.36229 (13112817)
22.22903 (14012921)
 4215220.6 | 24.41655 (16111220)   22.78780 (16111220)   22.25631 (13112207)   22.06289 (13112817)
21.94485 (13112817)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1

***
                                INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 25.13034 (16111220)   23.48996 (16111220)   22.07830 (13112207)   21.70166 (13112817)
21.67319 (13112817)
 4215180.6 | 25.72915 (16111220)   24.05232 (16111220)   22.52983 (16111220)   21.66522 (13112207)
21.33886 (13112817)
 4215160.6 | 25.96633 (16111220)   24.89329 (16111220)   23.15771 (16111220)   21.61315 (16111220)
21.24702 (13112207)
 4215140.6 | 25.98003 (16111220)   25.16305 (16111220)   23.62303 (16111220)   22.26249 (16111220)
21.06003 (13112207)
 4215120.6 | 25.90270 (16111220)   25.26218 (16111220)   23.93879 (16111220)   22.75800 (16111220)
21.37130 (16111220)
 4215100.6 | 25.74938 (16111220)   25.26560 (16111220)   24.14913 (16111220)   23.17159 (16111220)
21.95535 (16111220)
 4215080.6 | 25.53330 (16111220)   25.18705 (16111220)   24.26495 (16111220)   23.47473 (16111220)
22.42658 (16111220)
 4215060.6 | 25.28397 (16111220)   25.03904 (16111220)   24.29711 (16111220)   23.65106 (16111220)
22.78907 (16111220)
 4215040.6 | 24.99093 (16111220)   24.87845 (16111220)   24.57768 (16111220)   24.09066 (16111220)
23.17235 (16111220)
 4215020.6 | 24.99373 (16111418)   24.64181 (16111220)   24.47419 (16111220)   24.09785 (16111220)
23.53422 (16111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR1
***
                                INCLUDING SOURCE(S):   L0000423   , L0000424   , L0000425   , L0000426   ,
L0000427   ,
                L0000428   , L0000429   , L0000430   , L0000431   , L0000432   , L0000433   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        539341.84   4215428.70   36.13722 (14110717)   539351.84   4215428.70   36.13343
(14110717)
        539361.84   4215428.70   36.01495 (14110717)   539371.84   4215428.70   35.76931
(14110717)
        539381.84   4215428.70   35.38873 (14110717)   539341.84   4215438.70   35.99125
(14110717)
        539351.84   4215438.70   35.97673 (14110717)   539361.84   4215438.70   35.85764
(14110717)
        539371.84   4215438.70   35.59414 (14110717)   539381.84   4215438.70   35.17288
(14110717)
        539341.84   4215448.70   36.31680 (14110717)   539351.84   4215448.70   36.24455
(14110717)

```
        539361.84   4215448.70       36.04304  (14110717)              539371.84   4215448.70       35.68952
(14110717)
        539381.84   4215448.70       35.15461  (14110717)              539341.84   4215458.70       36.63544
(14110717)
        539351.84   4215458.70       36.48866  (14110717)              539361.84   4215458.70       36.19428
(14110717)
        539371.84   4215458.70       35.73160  (14110717)              539381.84   4215458.70       35.10971
(16111418)
        539341.84   4215468.70       36.92874  (14110717)              539351.84   4215468.70       36.70492
(14110717)
        539361.84   4215468.70       36.30715  (14110717)              539371.84   4215468.70       35.73702
(14110717)
        539381.84   4215468.70       35.40522  (16111418)              539113.88   4215517.52       42.19175
(14110218)
        539096.52   4215515.99       42.45107  (14110218)              539108.26   4215501.18       41.87046
(14110218)
        539096.01   4215500.67       41.99147  (14110218)              539108.26   4215486.38       41.42212
(14110218)
        539094.47   4215485.36       41.64638  (14110218)              539135.32   4215461.36       40.38554
(14110218)
        539150.13   4215439.91       39.64420  (14110218)              539114.39   4215452.68       40.54107
(14110218)
        539123.07   4215439.40       40.09020  (14110218)              539159.32   4215421.02       39.06622
(14110218)
        539145.02   4215416.43       39.22906  (14110218)              539134.30   4215410.81       39.23211
(14110218)
        539131.75   4215425.11       39.63778  (14110218)              539206.80   4215383.75       37.11133
(13110920)
        539215.99   4215372.52       36.70571  (13110920)              539188.93   4215382.22       37.58917
(14110218)
        539176.17   4215379.67       37.90606  (14110218)              539165.44   4215376.09       38.06751
(14110218)
        539248.79   4215356.71       35.70222  (15011018)              539243.45   4215348.45       35.57517
(15011018)
        539265.58   4215345.25       35.35480  (16110518)              539260.78   4215338.05       35.23006
(15011018)
        539256.25   4215351.38       35.54040  (15011018)              539272.77   4215331.92       34.99858
(16110518)
        539264.78   4215324.99       34.85686  (15011018)              539280.77   4215321.79       34.67438
(16110518)
        539279.97   4215307.14       34.37228  (16110518)              539287.97   4215313.80       34.47874
(16110518)
        539297.83   4215304.74       34.25414  (16110518)              539289.56   4215296.21       34.12060
(16110518)
        539311.15   4215287.68       33.89965  (16110518)              539303.69   4215281.28       33.81457
(16110518)
        539303.69   4215296.21       34.07151  (16110518)              539314.25   4215271.79       33.63964
(16110518)
        539329.09   4215260.48       33.29305  (16110518)              539339.69   4215237.16       32.82130
(16110518)
        539357.36   4215232.92       32.36315  (16110518)              539394.11   4215199.70       30.98196
(14110717)
        539044.99   4215579.21       45.28120  (15012918)              539034.39   4215591.93       45.82515
(15012918)
        539054.88   4215556.59       44.36032  (15012918)              539058.42   4215538.92       43.80816
(15012918)
        539054.88   4215520.55       43.41571  (15012918)              539082.44   4215477.44       41.63461
(15012918)
        539073.96   4215466.13       41.61415  (15012918)              539098.70   4215440.69       40.50941
(14110218)
        539109.30   4215426.56       39.99636  (14110218)              539117.07   4215415.96       39.63000
(14110218)
        539125.55   4215401.11       39.17807  (14110218)              539158.77   4215367.19       37.96306
(14110218)
        539150.29   4215357.30       37.91594  (14110218)              539184.21   4215339.63       36.98633
(14110218)
        539222.37   4215324.79       35.67288  (13110920)              539243.58   4215317.72       34.97054
(13110920)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR1 ***

INCLUDING SOURCE(S): L0000423 , L0000424 , L0000425 , L0000426 , L0000427 ,
L0000428 , L0000429 , L0000430 , L0000431 , L0000432 , L0000433 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539371.49	4215194.05	31.69419	(16110518)	539364.42	4215191.93	31.86015	(16110518)
539344.64	4215200.41	32.25572	(16110518)	539409.65	4215113.48	30.11733	(16110518)
539355.94	4215136.80	31.23628	(16110518)	539262.66	4215288.75	33.95480	(15011018)
539282.44	4215261.19	33.37036	(15011018)	539299.41	4215235.04	32.96073	(15011018)
539168.92	4215647.77	43.92672	(15011018)	538947.70	4216163.58	132.41219	(16111117)
539352.12	4215798.21	40.33835	(16111321)	539367.62	4215566.76	37.85799	(16111220)
539278.26	4215504.64	38.43583	(14110717)	539297.51	4215494.11	38.33564	(14110717)
539323.66	4215486.12	37.66987	(14110717)	539342.55	4215482.85	37.28623	(14110717)
539367.23	4215481.23	36.02885	(14110717)	539397.77	4215487.94	35.47931	(16111418)
539352.73	4215556.41	37.80318	(16111418)	539337.83	4215546.05	38.31005	(14110717)
539322.94	4215535.70	39.27430	(14110717)	539308.05	4215525.35	39.70895	(14110717)
539293.15	4215514.99	39.18000	(14110717)	539287.89	4215499.38	38.40210	(14110717)
539310.58	4215490.12	38.29197	(14110717)	539354.89	4215482.04	36.78761	(14110717)
539382.50	4215484.59	35.81840	(16111418)	539391.74	4215503.70	35.96045	(16111220)
539385.71	4215519.47	36.11233	(16111220)	539379.68	4215535.23	36.67839	(16111220)
539373.65	4215551.00	37.27280	(16111220)				

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,

L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538745.17	538765.17	538785.17	538805.17	538825.17
4216000.6	25.89668 (14120917)	26.39090 (13111119)	27.00693 (14012720)	28.05848 (14012720)	29.09358 (14012720)
4215980.6	25.52812 (14120917)	25.97092 (15111818)	26.66207 (15111818)	27.39286 (14012720)	28.36931 (14012720)
4215960.6	25.13917 (14120917)	25.63239 (14120917)	26.20815 (15111818)	26.94243 (13012521)	27.84892 (13012521)
4215940.6	24.88565 (14012720)	25.37629 (14120917)	25.76982 (15111818)	26.47825 (15111818)	27.33392 (13012521)
4215920.6	24.55038 (14012720)	24.95309 (14120917)	25.35074 (13012521)	26.05568 (15111818)	26.95867 (16013018)
4215900.6	24.28684 (14012720)	24.54655 (14120917)	25.20063 (14120917)	25.69789 (16013018)	26.54431 (16013018)
4215880.6	23.91387 (14012720)	24.39676 (14012720)	24.77262 (14120917)	25.30948 (16013018)	26.26762 (14110917)
4215860.6	23.53132 (14012720)	24.08179 (14012720)	24.40144 (14120917)	24.98076 (14120917)	25.98829 (14110917)
4215840.6	23.20922 (14012720)	23.70571 (14012720)	24.04600 (14012720)	24.82091 (14110917)	25.69424 (14110917)
4215820.6	22.88377 (14012720)	23.34265 (14012720)	23.83066 (14012720)	24.60058 (14110917)	25.37069 (14110917)
4215800.6	22.58292 (14012720)	23.00946 (14012720)	23.57606 (14110917)	24.34531 (14110917)	25.05317 (14110917)
4215780.6	22.28560 (14012720)	22.71064 (14012720)	23.39241 (14110917)	24.07303 (14110917)	24.75053 (14110917)
4215760.6	22.00991 (14012720)	22.49837 (14110917)	23.16982 (14110917)	23.79301 (14110917)	24.44392 (14110917)
4215740.6	21.74833 (14012720)	22.31938 (14110917)	22.91744 (14110917)	23.50941 (14110917)	24.12324 (14110917)
4215720.6	21.53226 (14110917)	22.12021 (14110917)	22.67413 (14110917)	23.22885 (14110917)	23.81935 (14110917)
4215700.6	21.36889 (14110917)	21.90718 (14110917)	22.42149 (14110917)	22.94990 (14110917)	23.50752 (14110917)
4215680.6	21.18527 (14110917)	21.68076 (14110917)	22.18058 (14110917)	22.66634 (14110917)	23.19476 (14110917)
4215660.6	20.97880 (14110917)	21.45397 (14110917)	21.92215 (14110917)	22.38934 (14110917)	22.89180 (14110917)
4215640.6	20.91569 (15120817)	21.21860 (14110917)	21.66833 (14110917)	22.10934 (14110917)	22.58850 (14110917)
4215620.6	21.69278 (15120817)	21.78105 (15120817)	21.83981 (15120817)	21.99266 (15120817)	22.50535 (15120817)
4215600.6	22.16945 (15120817)	22.31950 (15120817)	22.37713 (15120817)	22.66407 (15120817)	23.30169 (15120817)
4215580.6	22.28470 (16012421)	22.61789 (16012421)	22.58752 (16012421)	22.92141 (15120817)	23.71148 (15120817)
4215560.6	22.08707 (14012720)	22.45391 (14012720)	23.01288 (16012421)	23.32651 (14012720)	23.80646 (14012720)
4215540.6	23.71400 (14012720)	24.17341 (14012720)	24.62901 (14012720)	25.10227 (14012720)	25.68303 (14012720)
4215520.6	25.98543 (14012720)	26.56384 (14012720)	27.13146 (14012720)	27.72396 (14012720)	28.48964 (14012720)
4215500.6	28.61530 (14012720)	29.27648 (14012720)	29.96895 (14012720)	30.69536 (14012720)	31.69662 (14012720)
4215480.6	30.77549 (14012720)	31.51061 (14012720)	32.28127 (14012720)	33.19471 (14012720)	34.16818 (14012720)
4215460.6	31.50623 (14012720)	32.22863 (16012422)	33.02101 (16012422)	33.96402 (16012422)	34.96524 (16012422)

 4215440.6 | 32.03000 (14010718)   32.76107 (14010718)   33.62350 (14010718)   34.40798 (14010718)
35.32583 (13112022)
 4215420.6 | 32.67400 (13112022)   33.56985 (13112022)   34.38298 (13112022)   35.20126 (13112022)
36.02136 (13112022)
 4215400.6 | 31.85850 (13112022)   32.39763 (13112022)   33.66093 (16011321)   34.97439 (16011321)
36.41838 (16011321)
 4215380.6 | 33.40464 (16011321)   34.42103 (16011321)   35.40670 (16011321)   36.34639 (16011321)
37.34870 (16011321)
 4215360.6 | 33.51098 (16011321)   34.00901 (16011321)   34.40132 (16011321)   35.59799 (13111718)
37.32265 (13111718)
 4215340.6 | 33.64130 (13111718)   35.03233 (13111718)   36.44678 (13111718)   37.67269 (13111718)
38.74567 (13111718)
 4215320.6 | 34.91227 (13111718)   35.78005 (13121818)   36.94999 (13121818)   38.07172 (13110818)
39.40290 (13110818)
 4215300.6 | 35.27466 (13110818)   36.32657 (13110818)   37.06041 (13110818)   37.49840 (13110818)
37.84902 (14012217)
 4215280.6 | 34.61067 (13110818)   34.61709 (13110818)   36.05061 (14012217)   37.59354 (15112517)
39.39855 (15112517)
 4215260.6 | 34.53669 (15112517)   36.04435 (15112517)   37.27066 (15112517)   38.40599 (16011921)
39.80036 (16011921)
 4215240.6 | 35.36420 (15112517)   36.47025 (16011921)   37.31465 (16011921)   37.75764 (16011921)
37.72230 (16011921)
 4215220.6 | 35.25258 (16011921)   35.34608 (16011921)   34.98791 (16011921)   33.98751 (16011921)
33.38917 (15110219)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                               INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
               L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
               L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
               L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
 -
- - - - - - - -

 4215200.6 | 32.59047 (16011921)   31.48958 (16011921)   31.28603 (15110219)   34.05883 (15111722)
36.98461 (15111722)
 4215180.6 | 29.42679 (15110219)   32.06615 (15111722)   34.66983 (15111722)   37.00488 (15111722)
38.92637 (15111722)
 4215160.6 | 32.68572 (15111722)   34.88980 (15111722)   36.68326 (15111722)   37.86553 (15111722)
38.33866 (15111722)
 4215140.6 | 34.70565 (15111722)   35.92141 (15111722)   36.44999 (15111722)   37.12983 (14122917)
38.10365 (16123020)
 4215120.6 | 34.75973 (15111722)   34.97576 (14122917)   36.10328 (14122917)   37.20815 (16123020)
38.21465 (13111119)
 4215100.6 | 34.27422 (14122917)   35.14629 (16123020)   36.05874 (16123020)   37.09812 (13111119)
37.88650 (15110619)
 4215080.6 | 34.30355 (16123020)   35.22227 (13111119)   35.85550 (15110619)   36.62226 (15110619)
36.38417 (15110619)
 4215060.6 | 34.19992 (13111119)   34.93481 (15110619)   35.23341 (15110619)   34.55207 (15110619)
35.51774 (14122918)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
                L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
                L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
 -
- - - - - - - -

 4216000.6 | 30.22137 (14012720)   31.45494 (14012720)   32.82435 (14012720)   34.36795 (14012720)
36.06852 (14012720)
 4215980.6 | 29.43014 (14012720)   30.58685 (14012720)   31.95130 (14012720)   33.40115 (14012720)
34.99972 (14012720)
 4215960.6 | 28.77711 (15013018)   30.11952 (14110917)   31.35095 (14110917)   32.48363 (14012720)
33.99552 (14012720)
 4215940.6 | 28.28594 (15013018)   29.71043 (14110917)   31.01295 (14110917)   31.56801 (14012720)
33.04529 (14012720)
 4215920.6 | 28.01139 (14110917)   29.27809 (14110917)   30.41895 (14110917)   31.58294 (14110917)
32.08953 (14012720)
 4215900.6 | 27.70254 (14110917)   28.81241 (14110917)   29.89157 (14110917)   31.00471 (14110917)
31.75663 (14110917)
 4215880.6 | 27.34250 (14110917)   28.32985 (14110917)   29.34660 (14110917)   30.42149 (14110917)
31.35093 (14110917)
 4215860.6 | 26.94317 (14110917)   27.86306 (14110917)   28.79594 (14110917)   29.82357 (14110917)
30.89544 (14110917)
 4215840.6 | 26.52226 (14110917)   27.38586 (14110917)   28.25950 (14110917)   29.22535 (14110917)
30.29146 (14110917)
 4215820.6 | 26.13139 (14110917)   26.91842 (14110917)   27.76413 (14110917)   28.65625 (14110917)
29.63162 (14110917)
 4215800.6 | 25.74681 (14110917)   26.48683 (14110917)   27.25120 (14110917)   28.11268 (14110917)
29.06770 (14110418)
 4215780.6 | 25.43799 (14110917)   26.14464 (14110917)   26.86312 (14110917)   27.67288 (14110917)
28.66277 (14110418)
 4215760.6 | 25.09539 (14110917)   25.78182 (14110917)   26.47736 (14110917)   27.25717 (14110418)
28.26968 (14110418)
 4215740.6 | 24.76421 (14110917)   25.41417 (14110917)   26.07771 (14110917)   26.93382 (14110418)
27.86188 (14110418)
 4215720.6 | 24.42484 (14110917)   25.05062 (14110917)   25.69203 (14110418)   26.58484 (14110418)
27.46038 (16110619)
 4215700.6 | 24.08038 (14110917)   24.67404 (14110917)   25.40970 (14110418)   26.24190 (14110418)
27.05463 (16110619)
 4215680.6 | 23.73912 (14110917)   24.30509 (14110917)   25.10468 (14110418)   25.86533 (14110418)
26.65550 (16110619)
 4215660.6 | 23.41111 (14110917)   24.04030 (14110418)   24.80469 (14110418)   25.52176 (16110619)
26.26829 (16110619)

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 4215640.6 |     23.08534 (14110917)     23.78405 (14110418)     24.50443 (14110418)     25.19927 (16110619)
25.89370 (16110619)
 4215620.6 |     23.08472 (15120817)     23.60791 (15120817)     24.19648 (14110418)     24.87126 (16110619)
25.51863 (16110619)
 4215600.6 |     23.94759 (15120817)     24.60010 (15120817)     24.94868 (15120817)     25.42895 (15120817)
25.61855 (15120817)
 4215580.6 |     24.52428 (15120817)     25.35824 (15120817)     26.12751 (15120817)     26.22612 (15120817)
26.94335 (15120817)
 4215560.6 |     24.68770 (16012421)     25.62112 (16012421)     26.49088 (16012421)     26.64963 (15120817)
27.33289 (15120817)
 4215540.6 |     26.29186 (14012720)     26.93073 (14012720)     27.62681 (14012720)     28.32550 (14012720)
29.02013 (14012720)
 4215520.6 |     29.30033 (14012720)     30.15990 (14012720)     31.02549 (14012720)     31.86474 (14012720)
32.79363 (14012720)
 4215500.6 |     32.68911 (14012720)     33.75362 (14012720)     34.89823 (14012720)     35.91287 (14012720)
37.06364 (14012720)
 4215480.6 |     35.32627 (14012720)     36.57470 (14012720)     37.79103 (14012720)     39.24641 (14012720)
40.50159 (14012720)
 4215460.6 |     36.03015 (16012422)     37.16496 (16012422)     38.53213 (14010718)     40.09324 (14010718)
41.78699 (14010718)
 4215440.6 |     36.56837 (13112022)     37.88165 (13112022)     39.26985 (13112022)     41.06303 (13112022)
42.82211 (13112022)
 4215420.6 |     36.97947 (13112022)     37.80185 (13112022)     38.77284 (13112022)     40.21269 (16011321)
42.56981 (16011321)
 4215400.6 |     37.78320 (16011321)     39.14864 (16011321)     40.65356 (16011321)     42.49225 (16011321)
44.35694 (16011321)
 4215380.6 |     38.15360 (16011321)     39.02978 (14121020)     40.49166 (16112720)     42.34326 (13111718)
45.02102 (13111718)
 4215360.6 |     39.01238 (13111718)     40.62245 (13111718)     42.40576 (13111718)     44.22159 (13111718)
46.41251 (13121818)
 4215340.6 |     39.94716 (13121818)     41.32672 (13110818)     43.03699 (13110818)     44.81112 (13110818)
46.26622 (13110818)
 4215320.6 |     40.49475 (13110818)     41.13744 (13110818)     41.93384 (14012217)     44.26315 (14012217)
46.68875 (15112517)
 4215300.6 |     39.72441 (14012217)     41.59226 (15112517)     43.63772 (15112517)     45.34578 (16011921)
47.32594 (16011921)
 4215280.6 |     40.89083 (15112517)     42.51051 (16011921)     43.89573 (16011921)     44.48173 (16011921)
44.36312 (16011921)
 4215260.6 |     40.81478 (16011921)     41.10332 (16011921)     40.64418 (16011921)     39.26156 (16011921)
42.48099 (15111722)
 4215240.6 |     37.12221 (16011921)     35.82785 (15110219)     39.39318 (15111722)     43.04582 (15111722)
46.12149 (15111722)
 4215220.6 |     36.48125 (15111722)     39.82005 (15111722)     42.69437 (15111722)     44.87242 (15111722)
46.02704 (15111722)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 459
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CAR2
***
                               INCLUDING SOURCE(S):     L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
               L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
L0000446    ,
               L0000447    , L0000448    , L0000449    , L0000450    , L0000451    , L0000452    , L0000453    ,
L0000454    ,
               L0000455    , L0000456    , L0000457    , L0000458    , L0000459    , L0000460    , L0000461    ,
. . .       ,

                              *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                   ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                            X-COORD (METERS)
  (METERS) |       538845.17              538865.17              538885.17              538905.17
```

538925.17
 -

 4215200.6 | 39.57604 (15111722)   41.69863 (15111722)   43.00875 (15111722)   43.77636 (14122917)
45.39945 (16123020)
 4215180.6 | 40.15437 (15111722)   40.48454 (14122917)   42.13501 (14122917)   43.65752 (16123020)
45.25381 (13111119)
 4215160.6 | 39.37121 (14122917)   40.60419 (16123020)   41.90268 (13111119)   43.17351 (15110619)
44.39309 (15110619)
 4215140.6 | 39.26601 (16123020)   40.42782 (13111119)   41.42436 (15110619)   41.91745 (15110619)
41.50789 (14122918)
 4215120.6 | 38.99798 (15110619)   39.89008 (15110619)   39.50707 (15110619)   40.33193 (14122918)
42.51307 (14122918)
 4215100.6 | 38.14651 (15110619)   37.32457 (15110619)   39.26457 (14122918)   40.95828 (14122918)
41.36142 (13121819)
 4215080.6 | 36.14939 (14122918)   38.30258 (14122918)   39.42385 (14122918)   40.01656 (13121819)
41.18071 (13012521)
 4215060.6 | 37.30581 (14122918)   38.05622 (14122918)   38.78672 (13121819)   39.84003 (13012521)
40.41990 (13012521)
 4215040.6 | 36.69422 (14122918)   37.65448 (13121819)   38.62404 (13012521)   38.98690 (13012521)
37.88659 (13012521)
 4215020.6 | 36.54723 (13121819)   37.39648 (13012521)   37.62072 (13012521)   36.40438 (13012521)
36.70571 (16110522)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                  INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                 L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
                 L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
                 L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -

 4216000.6 | 37.98785 (14012720)   40.11433 (14012720)   42.50684 (14012720)   45.24479 (14012720)
48.41259 (14012720)
 4215980.6 | 36.77934 (14012720)   38.72165 (14012720)   40.91001 (14012720)   43.39624 (14012720)
46.27763 (14012720)
 4215960.6 | 35.65071 (14012720)   37.44727 (14012720)   39.46014 (14012720)   41.73246 (14012720)
44.45149 (16110617)
 4215940.6 | 34.58853 (14012720)   36.25505 (14012720)   38.11276 (14012720)   40.19787 (14012720)
42.80000 (16110617)
 4215920.6 | 33.56975 (14012720)   35.13278 (14012720)   36.85182 (14012720)   38.77112 (14012720)
41.33431 (16110617)
 4215900.6 | 32.57080 (14012720)   34.06178 (14012720)   35.65671 (14012720)   37.42895 (14012720)
39.92835 (16110617)
 4215880.6 | 32.20412 (16110619)   33.02426 (14012720)   34.64550 (14112820)   36.99286 (16110617)
39.38298 (16110617)
 4215860.6 | 31.94946 (14110418)   33.43063 (16110619)   34.90843 (14120306)   36.78674 (14112820)
39.23991 (16110617)

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 4215840.6 |     31.31854 (14110418)     32.73918 (16110619)     34.25956 (16110619)     35.92071 (14120306)
38.34255 (16110617)
 4215820.6 |     30.78614 (14110418)     32.11624 (16110619)     33.51902 (16110619)     35.15343 (14112820)
37.45238 (16110617)
 4215800.6 |     30.25408 (14110418)     31.49967 (16110619)     32.80500 (14120306)     34.43376 (14110821)
36.60384 (16110617)
 4215780.6 |     29.74668 (16110619)     30.91341 (16110619)     32.13896 (14120306)     33.71710 (16110617)
35.74374 (16110617)
 4215760.6 |     29.30037 (16110619)     30.31386 (16110619)     31.50141 (14120306)     33.03388 (16110617)
34.92854 (16110617)
 4215740.6 |     28.81713 (16110619)     29.78269 (16110619)     30.90598 (14112820)     32.41610 (16110617)
34.15432 (16110617)
 4215720.6 |     28.34545 (16110619)     29.28179 (14120306)     30.41510 (14112820)     31.79404 (16110617)
33.41780 (16110617)
 4215700.6 |     27.90463 (16110619)     28.81175 (14120306)     29.89190 (14112820)     31.23245 (16110617)
32.75552 (16110617)
 4215680.6 |     27.45413 (16110619)     28.35379 (14120306)     29.41608 (14112820)     30.76801 (16110617)
32.16251 (16110617)
 4215660.6 |     27.01529 (16110619)     27.90758 (14120306)     28.96185 (14110821)     30.27368 (16110617)
31.60674 (16110617)
 4215640.6 |     26.64143 (14120306)     27.48234 (14112820)     28.54727 (14110821)     29.79559 (16110617)
31.05669 (16110617)
 4215620.6 |     26.25655 (14120306)     27.13016 (14112820)     28.11955 (14110821)     29.33242 (16110617)
30.54914 (16110617)
 4215600.6 |     26.42392 (14111220)     27.03444 (14111220)     27.71191 (14110821)     28.88319 (16110617)
30.09469 (15110719)
 4215580.6 |     27.38379 (15120817)     28.14529 (15120817)     28.75774 (14111220)     29.96798 (14111220)
31.29432 (14111220)
 4215560.6 |     28.39028 (15120817)     29.16103 (15120817)     30.00626 (15120817)     31.23385 (15120817)
32.22192 (15120817)
 4215540.6 |     29.65475 (14012720)     30.24417 (14012720)     31.01953 (14012720)     31.93313 (15120817)
33.63576 (15120817)
 4215520.6 |     33.56168 (14012720)     34.55478 (14012720)     35.46357 (14012720)     36.64396 (14012720)
37.59424 (14012720)
 4215500.6 |     38.31681 (14012720)     39.37171 (14012720)     40.97409 (14012720)     42.40258 (15110618)
44.51739 (15110618)
 4215480.6 |     41.83813 (14012720)     43.35487 (14012720)     44.73168 (15110618)     47.13016 (15110618)
49.55487 (15110618)
 4215460.6 |     43.21343 (14010718)     44.73335 (14010718)     45.98345 (14010718)     47.90620 (14010718)
50.58880 (14010718)
 4215440.6 |     44.88941 (13112022)     46.20727 (13112022)     47.21489 (13112022)     48.96150 (13112022)
50.91630 (13112022)
 4215420.6 |     45.11425 (16011321)     47.48940 (16011321)     49.43916 (16011321)     51.17659 (14121020)
53.98742 (14121020)
 4215400.6 |     46.21381 (16011321)     48.17809 (14121020)     50.54005 (16112720)     52.16476 (13111718)
55.10748 (13111718)
 4215380.6 |     47.91660 (13111718)     50.26196 (13111718)     52.31299 (13121818)     54.76086 (13110818)
56.64936 (13110818)
 4215360.6 |     48.85127 (13110818)     51.00072 (13110818)     52.51876 (13110818)     54.29101 (14012217)
57.79567 (14012217)
 4215340.6 |     47.61082 (14012217)     50.41844 (14012217)     52.86924 (15112517)     55.37403 (15112517)
57.84428 (16011921)
 4215320.6 |     49.04838 (15112517)     51.16975 (16011921)     52.81707 (16011921)     53.61141 (16011921)
52.92985 (16011921)
 4215300.6 |     48.60369 (16011921)     48.63721 (16011921)     47.72590 (16011921)     50.28056 (15110219)
55.10566 (15111722)
 4215280.6 |     43.16695 (16011921)     46.07310 (15111722)     50.48515 (15111722)     54.05539 (15111722)
56.22985 (15111722)
 4215260.6 |     46.43520 (15111722)     49.86468 (15111722)     52.06473 (15111722)     53.05166 (14122917)
55.27497 (16123020)
 4215240.6 |     48.41369 (15111722)     49.31518 (15111722)     50.96592 (14122917)     52.76038 (13111119)
54.65047 (15110619)
 4215220.6 |     47.40399 (14122917)     49.02905 (16123020)     50.76112 (13111119)     52.26514 (15110619)
52.31852 (15110619)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***
INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538945.17	538965.17	538985.17	539005.17	539025.17
4215200.6	47.07323 (13111119)	48.50879 (15110619)	49.69283 (15110619)	48.83117 (15110619)	51.78759 (14122918)
4215180.6	46.58519 (15110619)	46.88057 (15110619)	47.32139 (14122918)	49.74207 (14122918)	50.53844 (13121819)
4215160.6	44.02394 (15110619)	45.93746 (14122918)	47.72859 (14122918)	48.63280 (13121819)	50.12404 (13012521)
4215140.6	44.26321 (14122918)	45.64928 (14122918)	46.71118 (13121819)	48.11380 (13012521)	48.11685 (13012521)
4215120.6	43.35270 (14122918)	44.79194 (13121819)	46.02853 (13012521)	45.75033 (13012521)	45.38757 (16110522)
4215100.6	42.88779 (13121819)	43.99485 (13012521)	43.57141 (13012521)	43.34929 (16110522)	43.77197 (15013018)
4215080.6	42.10270 (13012521)	41.47216 (13012521)	41.45827 (16110522)	41.79419 (15013018)	45.07227 (15013018)
4215060.6	39.45286 (13012521)	39.69579 (16110522)	39.96514 (15111821)	43.09244 (15013018)	44.90163 (15013018)
4215040.6	38.12159 (16110522)	38.32887 (15111821)	41.19694 (15013018)	43.03340 (15013018)	43.04650 (15013018)
4215020.6	36.85397 (15111821)	39.56952 (15013018)	41.36675 (15013018)	41.48484 (15013018)	40.68433 (14110917)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***
INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)			
	539045.17	539065.17	539085.17	539105.17

539125.17
 -
- - - - - - - -

 4216000.6 | 53.12320 (16110617)   58.68972 (16110617)   65.40963 (16110617)   74.38283 (16111117)
86.00212 (16111117)
 4215980.6 | 50.68069 (16110617)   55.66946 (16110617)   61.51538 (16110617)   69.03003 (16111117)
78.87676 (16111117)
 4215960.6 | 48.47925 (16110617)   53.00337 (16110617)   58.13639 (16110617)   64.48252 (16111117)
72.99650 (16111117)
 4215940.6 | 46.53959 (16110617)   50.62769 (16110617)   55.17191 (16110617)   60.56150 (16111117)
68.04533 (16111117)
 4215920.6 | 44.78604 (16110617)   48.49399 (16110617)   52.51008 (16110617)   57.13900 (16111117)
63.80811 (16111117)
 4215900.6 | 43.18930 (16110617)   46.56462 (16110617)   50.16915 (16110617)   54.12417 (16110617)
60.13279 (16111117)
 4215880.6 | 41.72649 (16110617)   44.78125 (16110617)   48.06431 (16110617)   51.60660 (16110617)
56.90881 (16111117)
 4215860.6 | 40.39604 (16110617)   43.17885 (16110617)   46.16008 (16110617)   49.35427 (16110617)
54.08573 (16111117)
 4215840.6 | 40.18350 (16110617)   41.55945 (16110617)   44.42797 (16110617)   47.32582 (16110617)
51.56243 (16111117)
 4215820.6 | 39.66625 (16110617)   40.31041 (16110617)   42.82902 (16110617)   45.48830 (16110617)
49.26572 (16111117)
 4215800.6 | 38.69473 (16110617)   39.95642 (16110617)   41.16788 (16110617)   43.80437 (16110617)
47.21220 (16111117)
 4215780.6 | 37.67897 (16110617)   39.54686 (16110617)   40.07914 (14122117)   42.18432 (16110617)
45.32137 (16111117)
 4215760.6 | 36.74239 (16110617)   38.49752 (16110617)   39.78031 (14122117)   41.27938 (16111117)
43.57618 (16111117)
 4215740.6 | 35.85300 (16110617)   37.58201 (16110617)   39.07686 (14122117)   40.61466 (16111117)
42.78847 (16111117)
 4215720.6 | 35.03176 (16110617)   36.63931 (16110617)   38.32489 (14122117)   40.03111 (16110222)
42.21628 (16111117)
 4215700.6 | 34.26595 (16110617)   35.75483 (16110617)   37.35283 (14122117)   39.15709 (14122117)
41.29006 (16111117)
 4215680.6 | 33.58193 (16110617)   34.97635 (16110617)   36.48951 (14122117)   38.13948 (14122117)
40.32599 (16111117)
 4215660.6 | 32.94478 (16110617)   34.25977 (16110617)   35.71354 (14122117)   37.23471 (14122117)
39.21164 (16111117)
 4215640.6 | 32.31897 (16110617)   33.56072 (16110617)   34.95974 (14122117)   36.42265 (14122117)
38.26016 (16111117)
 4215620.6 | 31.74119 (16110617)   32.91567 (16110617)   34.27156 (14122117)   35.63558 (14122117)
37.35553 (16111117)
 4215600.6 | 31.29255 (14111519)   32.71821 (14111519)   34.15164 (15120719)   35.62132 (15120719)
36.92765 (15120719)
 4215580.6 | 32.46261 (14111220)   33.87576 (15110719)   35.57271 (15110719)   37.45862 (14111519)
39.57667 (15120719)
 4215560.6 | 33.82203 (14111220)   35.66483 (14111220)   37.49033 (14111220)   39.32792 (14111220)
41.70525 (15110719)
 4215540.6 | 35.47809 (15120817)   37.41552 (15120817)   39.43814 (15120817)   41.62208 (15120817)
44.48953 (14111220)
 4215520.6 | 39.14035 (14012720)   40.81539 (14012720)   42.63510 (14012720)   44.59233 (14012720)
47.26179 (15120817)
 4215500.6 | 46.86370 (15110618)   49.47296 (15110618)   52.42345 (14012720)   55.73361 (14012720)
59.19849 (15110618)
 4215480.6 | 52.57237 (15110618)   55.98694 (15110618)   59.88130 (15110618)   64.42344 (15110618)
69.64009 (15110618)
 4215460.6 | 53.67965 (13112022)   57.48967 (13112022)   61.81859 (13112022)   66.20109 (13112022)
71.93149 (13112022)
 4215440.6 | 54.13514 (16011321)   58.47064 (16011321)   63.30443 (16011321)   69.06833 (14121020)
75.47277 (14121020)
 4215420.6 | 57.55517 (14121020)   61.27987 (16112720)   65.67750 (16112720)   70.54287 (13111718)
76.46495 (13111718)
 4215400.6 | 58.77135 (13111718)   62.79036 (13121818)   67.66980 (13110818)   71.69130 (13110818)
77.38958 (14012217)
 4215380.6 | 59.66019 (13110818)   63.46140 (14012217)   68.55117 (14012217)   72.76001 (15112517)
76.32035 (16011921)
 4215360.6 | 61.22109 (15112517)   65.11112 (16011921)   68.69821 (16011921)   69.69740 (16011921)

71.30790 (15110219)
 4215340.6 | 59.98762 (16011921)   60.63596 (16011921)   63.25215 (15110219)   70.39915 (15111722)
74.17856 (15111722)
 4215320.6 | 55.82695 (15110219)   61.73150 (15111722)   66.63655 (15111722)   69.30969 (15111722)
72.22776 (16123020)
 4215300.6 | 59.38345 (15111722)   62.01175 (15111722)   64.66148 (14122917)   67.82741 (13111119)
70.58428 (15110619)
 4215280.6 | 58.19813 (14122917)   60.59399 (16123020)   63.11870 (15110619)   64.87335 (15110619)
66.75551 (14122918)
 4215260.6 | 57.51479 (13111119)   59.38819 (15110619)   59.42770 (15110619)   62.43560 (14122918)
64.41375 (13121819)
 4215240.6 | 55.78742 (15110619)   55.95175 (14122918)   58.85605 (14122918)   60.48319 (13121819)
62.57435 (13012521)
 4215220.6 | 53.85972 (14122918)   55.69868 (14122918)   57.31498 (13121819)   58.84610 (13012521)
58.89696 (16110522)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                               INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
               L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
               L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
               L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
 -
- - - - - - - -

 4215200.6 | 52.88199 (14122918)   54.72666 (13012521)   55.67872 (13012521)   55.50873 (16110522)
56.15527 (15111821)
 4215180.6 | 52.40725 (13012521)   52.95537 (13012521)   52.54679 (16110522)   53.11231 (15111821)
56.29234 (15013018)
 4215160.6 | 50.44345 (13012521)   49.93090 (16110522)   50.37674 (15111821)   53.60796 (15013018)
54.33577 (15013018)
 4215140.6 | 47.55540 (16110522)   47.94340 (15013018)   51.14491 (15013018)   52.23961 (15013018)
51.86302 (14110917)
 4215120.6 | 45.77775 (15013018)   48.98155 (15013018)   50.26736 (15013018)   49.13952 (14110917)
52.08618 (14110917)
 4215100.6 | 46.96267 (15013018)   48.30146 (15013018)   47.44376 (15013018)   49.79914 (14110917)
50.90202 (14110917)
 4215080.6 | 46.55744 (15013018)   46.00456 (15013018)   47.46458 (14110917)   49.26033 (14110917)
48.55403 (14110917)
 4215060.6 | 44.53159 (15013018)   45.19829 (14110917)   47.38553 (14110917)   47.41207 (14110917)
44.97005 (14110917)
 4215040.6 | 42.85352 (14110917)   45.37461 (14110917)   46.00158 (14110917)   44.44230 (14110917)
44.76085 (13121808)
 4215020.6 | 43.34959 (14110917)   44.47175 (14110917)   43.52838 (14110917)   42.91788 (13121808)
43.91408 (13121808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539145.17	539165.17	539185.17	539205.17	539225.17
4216000.6	103.08086 (14110908)	128.17239 (15012918)	174.27873 (14110218)	252.94792 (14121816)	344.67839 (14121816)
4215980.6	91.94876 (14110908)	111.41432 (14110908)	141.26586 (15012918)	200.55440 (14110218)	249.17797 (14110717)
4215960.6	83.03129 (14110908)	99.04124 (14110908)	120.60557 (15012918)	157.22915 (14110218)	237.57896 (16110518)
4215940.6	76.53765 (16111117)	89.30455 (14110908)	105.87557 (14110908)	131.01168 (15012918)	176.55114 (14110218)
4215920.6	71.17676 (16111117)	81.37254 (14110908)	95.17487 (14110908)	114.04489 (15012918)	144.34891 (14110218)
4215900.6	66.62165 (16111117)	74.73691 (14110908)	86.59601 (14110908)	101.20037 (15012918)	122.43925 (15012918)
4215880.6	62.73840 (16111117)	69.20414 (16111117)	79.56525 (14110908)	91.49818 (14110908)	108.23142 (15012918)
4215860.6	59.34565 (16111117)	65.10848 (16111117)	73.61457 (14110908)	83.94031 (14110908)	97.11397 (15012918)
4215840.6	56.35178 (16111117)	61.54232 (16111117)	68.52201 (14110908)	77.62013 (14110908)	88.11720 (15012918)
4215820.6	53.68734 (16111117)	58.40540 (16111117)	64.02818 (14110908)	72.22725 (14110908)	81.21996 (14110908)
4215800.6	51.32478 (16111117)	55.59369 (16111117)	60.23973 (16111117)	67.54969 (14110908)	75.52911 (14110908)
4215780.6	49.11943 (16111117)	53.05770 (16111117)	57.25225 (16111117)	63.40830 (14110908)	70.60395 (14110908)
4215760.6	47.14415 (16111117)	50.78080 (16111117)	54.57138 (16111117)	59.70252 (14110908)	66.28225 (14110908)
4215740.6	45.24352 (16111117)	48.72477 (16111117)	52.20255 (16111117)	56.40697 (14110908)	62.50718 (14110908)
4215720.6	43.77181 (16111117)	46.82473 (16111117)	50.04756 (16111117)	53.57860 (13112018)	59.10851 (14110908)
4215700.6	42.87700 (16111117)	45.02904 (16111117)	47.99806 (16111117)	51.22108 (16111117)	56.10411 (14110908)
4215680.6	42.34123 (16111117)	43.82141 (13112018)	46.25074 (16111117)	49.21667 (16111117)	53.51714 (14110908)
4215660.6	41.72385 (16111117)	43.26365 (13112018)	44.93919 (13112018)	47.45061 (13112018)	51.14155 (14110908)
4215640.6	40.66866 (16111117)	42.32900 (16111117)	44.39013 (13112018)	46.01314 (13112018)	49.18195 (14110908)
4215620.6	39.60976 (16111117)	41.73328 (16111117)	43.56024 (13112018)	44.86054 (13112018)	47.22680 (14110908)
4215600.6	39.02804 (15120806)	40.78255 (16111117)	42.90639 (14112117)	45.55708 (14112117)	47.39527 (13111908)
4215580.6	41.73093 (15120719)	43.62188 (15120806)	46.14385 (15120806)	48.23942 (14112117)	52.20472 (14112117)
4215560.6	44.35539 (14111519)	47.38053 (15120719)	50.53663 (15120719)	53.57315 (15120806)	

56.67398 (15120806)
 4215540.6 | 47.75773 (14111220)   51.06908 (14111220)   55.02737 (15110719)   59.69517 (14111519)
64.84430 (15120719)
 4215520.6 | 51.30986 (15120817)   55.77025 (15120817)   60.60494 (15120817)   66.53361 (14111220)
73.60101 (14111220)
 4215500.6 | 63.55253 (15110618)   68.82584 (15110618)   74.90023 (15110618)   82.22631 (15110618)
91.35909 (14012720)
 4215480.6 | 76.22384 (15110618)   83.98454 (15110618)   93.57630 (15110618)   105.56452 (15110618)
120.97968 (15110618)
 4215460.6 | 78.27161 (13112022)   86.15058 (13112022)   95.81406 (13112022)   108.90671 (14121020)
128.04761 (14121020)
 4215440.6 | 82.99444 (14121020)   90.96366 (16112720)   100.85086 (16112720)   112.70701 (15121208)
128.44341 (13110818)
 4215420.6 | 83.12232 (13110818)   91.15972 (13110818)   101.27948 (14012217)   112.43500 (15012818)
123.24912 (15012818)
 4215400.6 | 84.33747 (14012217)   90.81190 (15012818)   95.42447 (16011921)   102.47943 (15110219)
113.94128 (15110219)
 4215380.6 | 78.97794 (16011921)   83.74085 (15110219)   92.73509 (15110219)   98.89716 (15111722)
104.63264 (15122508)
 4215360.6 | 77.83932 (15110219)   83.95395 (15111722)   88.13456 (14122917)   93.66385 (15110619)
96.38821 (17012519)
 4215340.6 | 76.83973 (14122917)   80.39205 (13111119)   84.13121 (15110619)   86.78097 (17012519)
91.28449 (14012820)
 4215320.6 | 75.23227 (13111119)   76.72392 (15110619)   79.03668 (14012820)   81.80382 (14012820)
84.16577 (16110522)
 4215300.6 | 69.75762 (14122918)   74.14402 (14122918)   75.50040 (13012521)   76.91513 (16110522)
78.24956 (15111821)
 4215280.6 | 69.25140 (14122918)   72.12052 (13012521)   71.34836 (16110522)   72.04575 (15111821)
73.64821 (15013018)
 4215260.6 | 67.22978 (13012521)   67.30609 (16110522)   67.94372 (16110522)   68.77571 (15013018)
70.11715 (14110917)
 4215240.6 | 62.79818 (16110522)   63.77154 (15111821)   66.25531 (15013018)   64.88898 (14110917)
67.86391 (14110917)
 4215220.6 | 59.70139 (15111821)   63.05961 (15013018)   62.95122 (15013018)   64.13605 (14110917)
64.30569 (14110917)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                               INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
               L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
               L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
               L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4215200.6 | 59.40979 (15013018)   59.76473 (15013018)   61.82945 (14110917)   62.18022 (14110917)
59.05364 (14110917)
 4215180.6 | 56.92685 (15013018)   58.42194 (14110917)   60.11683 (14110917)   58.08827 (14110917)
57.04224 (16110521)
 4215160.6 | 54.91951 (14110917)   57.25799 (14110917)   56.59311 (14110917)   54.87445 (13121808)

55.28031 (16110521)
 4215140.6 | 54.50764 (14110917)   54.58169 (14110917)   52.37647 (13121808)   53.31001 (16110521)
54.09497 (13111121)
 4215120.6 | 52.69441 (14110917)   50.55500 (14110917)   51.27651 (13121808)   52.25789 (13111121)
52.57168 (13111121)
 4215100.6 | 49.56242 (14110917)   49.06526 (13121808)   49.64371 (15112508)   50.91893 (13111121)
51.86895 (14110418)
 4215080.6 | 47.00978 (13121808)   47.66666 (13121808)   48.79398 (13111121)   49.33127 (14110418)
50.53338 (14110418)
 4215060.6 | 46.33336 (13121808)   46.48266 (13111121)   47.35551 (13111121)   48.46400 (14110418)
48.81680 (16110619)
 4215040.6 | 44.96069 (15112508)   45.88131 (13111121)   46.23835 (14110418)   47.33458 (14110418)
47.25798 (15111721)
 4215020.6 | 44.35669 (13111121)   44.75622 (13111121)   45.75399 (14110418)   46.08832 (16110619)
46.37434 (14012722)
 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
   07/15/25
 *** AERMET - VERSION 18081 ***   ***   ***
  15:15:41

  PAGE 466
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                               INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
               L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
               L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
               L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4216000.6 | 275.95594 (16122222)   234.50467 (15120816)   196.97820 (16010522)   151.30928 (16011217)
125.62978 (16011217)
 4215980.6 | 334.34953 (14121816)   261.17203 (13112817)   254.58758 (16011018)   178.20828 (16120820)
141.92220 (16011217)
 4215960.6 | 281.97678 (14110717)   297.10517 (14121816)   302.49083 (15120816)   222.75698 (16011217)
164.27186 (16011217)
 4215940.6 | 250.52698 (16110518)   305.53926 (14110717)   266.70415 (17011717)   265.80768 (15120816)
199.28522 (16120820)
 4215920.6 | 198.81881 (14110218)   254.75706 (14121816)   325.28865 (14013006)   247.59763 (15120816)
225.81686 (15120816)
 4215900.6 | 159.50528 (14110218)   232.84687 (16110518)   287.71732 (14121816)   240.60656 (16111220)
240.30359 (15120816)
 4215880.6 | 133.71473 (14110218)   176.55247 (14110218)   237.51300 (14110717)   302.27248 (14121816)
301.50067 (15120816)
 4215860.6 | 115.41941 (14110218)   145.82964 (14110218)   199.49302 (13110920)   276.90509 (14110717)
291.93253 (14121816)
 4215840.6 | 102.94504 (15012918)   125.14503 (14110218)   159.85387 (14110218)   230.40286 (16110518)
322.31275 (14121816)
 4215820.6 | 93.24289 (15012918)   109.67943 (14110218)   135.56384 (14110218)   178.21798 (15011018)
261.68404 (14110717)
 4215800.6 | 85.27475 (15012918)   98.39735 (15012918)   118.15851 (14110218)   147.49442 (14110218)
206.13539 (16110518)
 4215780.6 | 78.59108 (14110908)   89.82657 (15012918)   104.66411 (14110218)   127.20062 (14110218)
162.10249 (13110920)
 4215760.6 | 73.41129 (14110908)   82.70995 (15012918)   94.37159 (15012918)   112.20259 (14110218)

137.45366 (14110218)
 4215740.6 | 68.94521 (14110908)   76.63028 (15012918)   86.74643 (15012918)   100.43061 (14110218)
120.26739 (14110218)
 4215720.6 | 65.04628 (14110908)   71.53252 (14110908)   80.36817 (15012918)   91.02107 (15012918)
107.21202 (14110218)
 4215700.6 | 61.49475 (14110908)   67.51242 (14110908)   74.93284 (15012918)   84.18721 (15012918)
96.81108 (14110218)
 4215680.6 | 58.50531 (14110908)   64.00403 (14110908)   70.26615 (15012918)   78.46121 (15012918)
88.25115 (14110218)
 4215660.6 | 55.83375 (14110908)   60.89134 (14110908)   66.39023 (14110908)   73.59918 (15012918)
82.14351 (15012918)
 4215640.6 | 53.43863 (14110908)   58.19817 (14110908)   63.20622 (14110908)   69.44082 (15012918)
77.08562 (15012918)
 4215620.6 | 51.28848 (14110908)   55.73978 (14110908)   60.43900 (14110908)   65.81600 (15012918)
72.91200 (15012918)
 4215600.6 | 50.92171 (16011218)   55.31151 (16011218)   58.05775 (14110908)   62.93038 (14110908)
69.32953 (15012918)
 4215580.6 | 54.61067 (13111908)   60.17188 (16011218)   63.80167 (15120918)   65.77508 (15011617)
66.73379 (15012918)
 4215560.6 | 61.67908 (14112117)   65.12210 (13111908)   78.48491 (14121816)   77.73034 (14121816)
76.77239 (13112006)
 4215540.6 | 70.02361 (15120806)   76.20011 (14112117)   91.27671 (14121816)   106.82817 (14121816)
101.35951 (14121816)
 4215520.6 | 81.88608 (15110719)   92.57961 (15120719)   103.19574 (15120806)   143.89007 (14121816)
154.07414 (14121816)
 4215500.6 | 102.81145 (14012720)   117.89870 (14012720)   139.60561 (14012720)   124.57832 (14012720)
150.99466 (14012720)
 4215480.6 | 141.32637 (15110618)   169.76996 (14012720)   215.13584 (14012720)   174.21133 (13112022)
233.32544 (13112022)
 4215460.6 | 151.40602 (14121020)   179.88680 (16112720)   221.73170 (13110818)   282.14110 (14012217)
256.49704 (14012217)
 4215440.6 | 149.35489 (14012217)   170.96839 (15012818)   188.16876 (16011921)   213.25954 (15111722)
230.04380 (13111119)
 4215420.6 | 131.96293 (15110219)   148.96825 (15110219)   160.53086 (14122917)   170.37319 (15111818)
175.84221 (14012820)
 4215400.6 | 122.34366 (14122917)   130.88890 (13111119)   136.11922 (17012519)   142.52047 (14012820)
144.84267 (16110522)
 4215380.6 | 110.40561 (15110619)   116.78358 (14012820)   119.42576 (13012521)   123.05929 (16110522)
123.30690 (15013018)
 4215360.6 | 101.80190 (14012820)   103.35024 (16110522)   106.95320 (16110522)   107.72240 (13122017)
111.82447 (14110917)
 4215340.6 | 92.92336 (16110522)   94.40443 (16110522)   95.78939 (13122017)   99.60602 (14110917)
98.29123 (14110917)
 4215320.6 | 85.76374 (16110522)   86.34418 (13122017)   89.76126 (14110917)   89.93022 (14110917)
88.95575 (16110521)
 4215300.6 | 79.67372 (13122017)   82.25831 (14110917)   82.63245 (14110917)   81.44069 (16110521)
81.18827 (16012920)
 4215280.6 | 76.02302 (14110917)   77.83439 (14110917)   75.54241 (16110521)   75.86022 (16110521)
76.26676 (14110418)
 4215260.6 | 72.41648 (14110917)   70.82473 (14110917)   71.84962 (16110521)   72.22983 (14110418)
72.18019 (14111418)
 4215240.6 | 66.97929 (14110917)   67.24735 (16110521)   67.41026 (13111121)   68.71134 (14110418)
68.77488 (14111418)
 4215220.6 | 62.78652 (16110521)   63.85102 (16110521)   64.73189 (14110418)   65.14173 (16110619)
65.35096 (14111418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
              L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,

```
                L0000447    , L0000448    , L0000449    , L0000450    , L0000451    , L0000452    , L0000453    ,
L0000454    ,
                L0000455    , L0000456    , L0000457    , L0000458    , L0000459    , L0000460    , L0000461    ,
. . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                            X-COORD (METERS)
  (METERS) |       539245.17              539265.17              539285.17              539305.17
539325.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |     60.43928 (16110521)     60.67904 (13111121)     62.02516 (14110418)     62.05286 (14111418)
62.35551 (16112721)
 4215180.6 |     57.73912 (13111121)     58.93751 (14110418)     59.43211 (16110619)     59.64941 (14012722)
60.37148 (16110617)
 4215160.6 |     55.47953 (13111121)     56.87091 (14110418)     56.68507 (14012722)     57.39422 (16112721)
58.62646 (16110617)
 4215140.6 |     54.46800 (14110418)     54.53874 (16110619)     54.84829 (14012722)     55.31453 (16112721)
57.00381 (16110617)
 4215120.6 |     53.46832 (14110418)     53.22354 (16110619)     53.26649 (14012722)     53.69164 (14112820)
55.45729 (16110617)
 4215100.6 |     52.02056 (16110619)     51.67382 (14012722)     52.20640 (16112721)     52.10625 (14112820)
53.99312 (16110617)
 4215080.6 |     50.26106 (15111721)     50.60660 (14012722)     50.53282 (16112721)     50.88523 (16110617)
52.53550 (16110617)
 4215060.6 |     49.16773 (14012722)     49.49173 (16112721)     49.74421 (14112820)     49.95152 (16110617)
51.09144 (16110617)
 4215040.6 |     47.96116 (14012722)     48.25019 (16112721)     48.86781 (14112820)     49.36351 (16110617)
50.09730 (16110617)
 4215020.6 |     46.93296 (16112721)     47.14157 (14112820)     47.83102 (14110821)     48.86787 (16110617)
49.24062 (16110617)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 468
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CAR2
***
                                INCLUDING SOURCE(S):     L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
                L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
L0000446    ,
                L0000447    , L0000448    , L0000449    , L0000450    , L0000451    , L0000452    , L0000453    ,
L0000454    ,
                L0000455    , L0000456    , L0000457    , L0000458    , L0000459    , L0000460    , L0000461    ,
. . .      ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                            X-COORD (METERS)
  (METERS) |       539345.17              539365.17              539385.17              539405.17
539425.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |    106.97273 (14122021)     94.50654 (13110518)     86.02126 (13110518)     77.89164 (13110518)
70.84834 (16011017)
 4215980.6 |    118.36834 (16011217)    101.88642 (13110518)     92.00692 (13110518)     83.06285 (13110518)
74.85187 (16011017)
 4215960.6 |    133.01370 (16011217)    111.72756 (14122021)     98.95301 (13110518)     88.86645 (13110518)
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79.31172 (16011017)
 4215940.6 | 152.26724 (16011217)   124.29547 (14122021)   107.21157 (13110518)   95.56481 (13110518)
84.70767 (13110518)
 4215920.6 | 180.04057 (16011217)   141.30239 (16011217)   117.30599 (13110518)   103.36945 (13110518)
91.26372 (13110518)
 4215900.6 | 223.71462 (16120820)   164.56581 (16011217)   131.16197 (14122021)   112.76255 (13110518)
98.84745 (13110518)
 4215880.6 | 221.49072 (15120816)   198.91196 (16011217)   150.78097 (16011217)   124.37553 (13110518)
107.79065 (13110518)
 4215860.6 | 300.17477 (15120816)   236.60530 (15120816)   179.20964 (16011217)   139.37994 (13110518)
118.61004 (13110518)
 4215840.6 | 303.93650 (16111220)   277.94473 (15120816)   226.03205 (16011217)   162.00467 (14122021)
132.16433 (13110518)
 4215820.6 | 352.20853 (14110717)   299.00386 (16111220)   262.83472 (13112817)   198.60355 (16011217)
150.02006 (13110518)
 4215800.6 | 257.55122 (14110717)   343.46421 (14121816)   277.76569 (16122222)   231.43924 (16111321)
176.00511 (14122021)
 4215780.6 | 242.93608 (16110518)   286.35424 (14110717)   303.43678 (14121816)   257.24412 (13112817)
219.43159 (16011217)
 4215760.6 | 182.01142 (16110518)   255.61324 (14110717)   306.67459 (14110717)   275.27161 (16111220)
260.23078 (15120816)
 4215740.6 | 149.48052 (14110218)   208.50160 (16110518)   300.15345 (14110717)   326.89556 (14013006)
264.10086 (15120816)
 4215720.6 | 129.29636 (14110218)   165.38211 (15011018)   241.86900 (16110518)   268.54335 (14110717)
339.72810 (16111220)
 4215700.6 | 114.52611 (14110218)   139.77569 (14110218)   187.28968 (16110518)   252.44017 (14110717)
281.68869 (14110717)
 4215680.6 | 103.14444 (14110218)   122.81516 (14110218)   152.75902 (15011018)   216.25513 (16110518)
280.18876 (14110717)
 4215660.6 | 93.99947 (14110218)   110.09442 (14110218)   132.28217 (14110218)   170.63190 (16110518)
255.00265 (16110518)
 4215640.6 | 86.45154 (14110218)   100.21018 (14110218)   117.93567 (14110218)   143.54538 (13110920)
192.69845 (16110518)
 4215620.6 | 81.04171 (15012918)   92.29665 (14110218)   107.11537 (14110218)   126.71137 (14110218)
158.48992 (16110518)
 4215600.6 | 76.85389 (15012918)   85.96326 (14110218)   98.78148 (14110218)   114.82655 (14110218)
137.17109 (13110920)
 4215580.6 | 73.60906 (15012918)   81.65747 (15012918)   92.53637 (14110218)   106.33091 (14110218)
124.15524 (14110218)
 4215560.6 | 78.19325 (16011217)   80.27622 (16011217)   88.37425 (14110218)   100.80585 (14110218)
116.26602 (14110218)
 4215540.6 | 97.35065 (14121816)   100.02488 (14121816)   109.27978 (14121816)   122.57748 (14121816)
142.11140 (14121816)
 4215520.6 | 143.94527 (14121816)   141.10542 (14121816)   151.98196 (14121816)   181.75522 (14012720)
171.06775 (14110817)
 4215500.6 | 146.72608 (14012720)   196.52967 (14012720)   208.95648 (16011321)   199.82799 (14012217)
176.13313 (15111722)
 4215480.6 | 194.95464 (13111718)   184.74254 (14012217)   246.48692 (16011921)   206.60694 (13111119)
166.84466 (13012521)
 4215460.6 | 209.65148 (16011921)   183.19462 (15111722)   232.34357 (15111818)   180.79979 (13012521)
215.25607 (14110917)
 4215440.6 | 238.14415 (15111818)   238.26816 (13012521)   224.83252 (15013018)   207.85320 (14110917)
184.48158 (14110418)
 4215420.6 | 176.98358 (13012521)   175.94261 (14110917)   171.81034 (14110917)   157.48163 (14110418)
148.85362 (16110617)
 4215400.6 | 144.74945 (14110917)   146.40890 (14110917)   136.48158 (13111121)   132.66516 (14110418)
130.31000 (16110617)
 4215380.6 | 126.93203 (14110917)   120.30761 (16110521)   119.23695 (14110418)   116.16570 (16110617)
116.76867 (16110617)
 4215360.6 | 107.98024 (14110917)   106.83772 (14110418)   105.27871 (16110619)   105.90376 (16110617)
106.02011 (16110617)
 4215340.6 | 97.10923 (16110521)   96.98929 (14110418)   95.94979 (16110617)   97.78316 (16110617)
98.20904 (15012109)
 4215320.6 | 88.84846 (14110418)   88.69253 (14111418)   89.51841 (16110617)   90.82323 (16110617)
92.10838 (15012109)
 4215300.6 | 81.87236 (14110418)   82.13435 (14111418)   84.10315 (16110617)   84.70603 (16110617)
86.91075 (15012918)
 4215280.6 | 76.73231 (14111418)   77.23313 (16110617)   79.35182 (16110617)   80.40984 (14110908)
82.81254 (15012918)

 4215260.6 | 72.23202 (16110617)   73.50872 (16110617)   75.03320 (16110617)   76.75508 (14110908)
78.98664 (14110908)
 4215240.6 | 69.57648 (16110617)   70.60162 (16110617)   70.91322 (16111117)   73.19673 (14110908)
75.68916 (14110908)
 4215220.6 | 66.91366 (16110617)   68.33933 (16110617)   68.41271 (16111117)   69.67704 (14110908)
72.76744 (14110908)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
                L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
                L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
 -
- - - - - - - -

 4215200.6 | 64.58713 (16110617)   65.74351 (16110617)   65.89634 (16111117)   67.25287 (16111117)
69.78179 (14110908)
 4215180.6 | 62.38034 (16110617)   63.11747 (16110617)   63.50319 (16111117)   65.09444 (16111117)
66.96619 (14110908)
 4215160.6 | 60.33822 (16110617)   60.69185 (16110617)   61.18876 (16111117)   62.88150 (16111117)
64.31930 (14110908)
 4215140.6 | 58.52065 (16110617)   58.29300 (16110617)   59.13043 (16111117)   60.66287 (16111117)
61.91025 (14110908)
 4215120.6 | 56.66257 (16110617)   55.89025 (16110617)   57.28283 (16111117)   58.71171 (16111117)
59.59245 (14110908)
 4215100.6 | 54.84443 (16110617)   54.06919 (16111218)   55.56941 (16111117)   56.92363 (16111117)
57.61115 (13112018)
 4215080.6 | 52.98261 (16110617)   52.54124 (16111218)   53.97741 (16111117)   55.25299 (16111117)
56.02881 (13112018)
 4215060.6 | 51.19054 (16110617)   51.09278 (16111218)   52.49670 (16111117)   53.80973 (16111117)
54.53265 (13112018)
 4215040.6 | 49.89658 (16110617)   49.70419 (16111218)   51.03537 (16111117)   52.30342 (16111117)
53.08794 (13112018)
 4215020.6 | 48.40439 (16110617)   48.61536 (16111218)   49.65625 (16111117)   50.82465 (16111117)
51.71032 (13112018)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,

L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539445.17	539465.17	539485.17	539505.17	539525.17
4216000.6	66.58834 (16010617)	62.18082 (16010617)	58.83371 (14120907)	55.96037 (13121517)	53.80469 (16110719)
4215980.6	69.90696 (16010617)	65.13425 (16010617)	61.36274 (14120907)	58.31641 (13121517)	55.94004 (16110719)
4215960.6	73.56101 (16010617)	68.39122 (16010617)	64.19392 (14120907)	60.86533 (13121517)	58.26169 (16110719)
4215940.6	77.69513 (16110718)	72.03902 (16010617)	67.27402 (14120907)	63.63737 (13121517)	60.76125 (16110719)
4215920.6	82.38545 (16110718)	76.08178 (16010617)	70.68463 (14120907)	66.67004 (13121517)	63.50337 (16110719)
4215900.6	87.75072 (16110718)	80.64068 (16010617)	74.48951 (14120907)	70.01035 (13121517)	66.44989 (16110719)
4215880.6	93.90354 (16110718)	85.76888 (16110718)	78.73301 (14120907)	73.71783 (13121517)	69.67857 (16110719)
4215860.6	101.47142 (16011017)	91.74362 (16110718)	83.55503 (14120907)	77.86545 (16110719)	73.24248 (16110719)
4215840.6	111.63183 (13110518)	98.69060 (16110718)	89.09834 (14120907)	82.64567 (16110719)	77.20870 (16110719)
4215820.6	124.30788 (13110518)	106.96695 (16110718)	95.50094 (14120907)	88.04510 (16110719)	81.61622 (16110719)
4215800.6	140.46766 (13110518)	117.06049 (16110718)	103.14753 (14120907)	94.28463 (16110719)	86.82657 (15111318)
4215780.6	162.34212 (13110518)	130.07828 (16110718)	112.54925 (14120907)	101.73910 (16110719)	93.29465 (15111317)
4215760.6	194.82502 (13110518)	148.81978 (13110518)	124.28080 (16110718)	110.58800 (16110719)	101.01497 (15111317)
4215740.6	222.91894 (16111321)	176.40902 (13110518)	139.81311 (16110718)	121.39827 (16110719)	110.10581 (15111317)
4215720.6	236.68223 (13112817)	218.67219 (16111321)	160.75359 (16110718)	134.97356 (16110719)	121.01804 (15111317)
4215700.6	334.77781 (16122222)	225.15294 (13112817)	191.25684 (16110718)	152.76541 (16110719)	134.44903 (15111317)
4215680.6	298.73898 (14013006)	309.73260 (16122222)	251.89971 (16111321)	177.35962 (16110719)	151.54994 (15111317)
4215660.6	313.64453 (14110717)	309.25120 (16111220)	286.62640 (13112817)	216.83854 (16111321)	174.15083 (15111317)
4215640.6	276.43422 (14110717)	339.23882 (14110717)	303.67111 (16111220)	261.98847 (13112817)	205.82679 (15112117)
4215620.6	220.42673 (16110518)	268.92767 (14110717)	364.24893 (14013006)	282.27567 (16111220)	231.77529 (13112817)
4215600.6	177.43871 (16110518)	256.45681 (16110518)	293.46837 (14110717)	379.13204 (16122222)	251.87118 (13112817)
4215580.6	151.50552 (15011018)	202.06969 (16110518)	275.86952 (14110717)	311.30889 (14110717)	276.25019 (16111220)
4215560.6	137.37229 (13110920)	172.92051 (16110518)	226.36026 (16110518)	299.48206 (14110717)	325.40535 (16111220)
4215540.6	175.68784 (14012720)	156.97132 (14110817)	179.40764 (16110518)	248.98015 (14110717)	368.30996 (14110717)
4215520.6	153.35095 (15111117)	196.75086 (15111818)	178.30148 (13110917)	238.17871 (16110518)	395.65721 (14110717)
4215500.6	200.77956 (13120417)	179.36461 (14110917)	222.48309 (16110617)	288.09138 (16110518)	303.81714 (14110717)
4215480.6	202.49747 (14110917)	220.88799 (14110418)	231.69870 (14110218)	231.29896 (16110518)	245.97730 (16110518)

 4215460.6 | 217.21905 (14110418)   197.39467 (14110218)   192.40258 (14110218)   194.85340 (16110518)
208.78080 (16110518)
 4215440.6 | 171.72762 (16110617)   166.62371 (14110218)   166.62542 (14110218)   170.43094 (16110820)
181.29435 (16110518)
 4215420.6 | 145.92655 (16110617)   145.54909 (14110218)   147.96927 (14110218)   152.99496 (16110820)
161.42015 (16110820)
 4215400.6 | 128.64169 (15012109)   130.25073 (15012109)   133.47329 (14110218)   139.03020 (16110820)
146.79856 (16110820)
 4215380.6 | 116.68314 (15012109)   118.76186 (15012109)   122.00037 (14120620)   127.58377 (16110820)
134.79371 (16110820)
 4215360.6 | 107.43247 (15012109)   109.60014 (15012109)   113.07484 (14120620)   117.81367 (16110820)
124.61144 (16110820)
 4215340.6 | 100.08535 (15012109)   102.34806 (14120620)   105.65611 (14120620)   109.79296 (14120620)
115.75611 (16110820)
 4215320.6 | 94.20274 (15012109)   96.47541 (14120620)   99.26427 (14120620)   102.99145 (14120620)
108.00522 (16110820)
 4215300.6 | 89.34957 (15012109)   91.58885 (14120620)   93.86948 (14120620)   97.15618 (14120620)
101.27061 (16110820)
 4215280.6 | 85.18004 (15012109)   87.17297 (14120620)   89.50315 (14120620)   92.12506 (14120620)
95.59465 (16112022)
 4215260.6 | 81.37914 (15012918)   83.70757 (15012109)   85.51383 (14120620)   87.84000 (14120620)
90.72156 (16112022)
 4215240.6 | 77.83404 (15012918)   80.04569 (15012109)   81.91368 (14120620)   84.03410 (14120620)
86.51071 (16112022)
 4215220.6 | 74.45361 (15012918)   76.44934 (15012918)   78.56800 (14120620)   80.66854 (14120620)
82.89689 (14120620)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
                L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
                L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4215200.6 | 71.48285 (14110908)   73.35130 (15012918)   75.38558 (15012109)   77.60815 (14120620)
79.68614 (14120620)
 4215180.6 | 69.02764 (14110908)   70.43670 (15012918)   72.36114 (15012109)   74.95481 (14120620)
77.02158 (14120620)
 4215160.6 | 66.50717 (14110908)   67.66580 (15012918)   69.74870 (14122407)   72.18999 (14120620)
74.59486 (14120620)
 4215140.6 | 64.38198 (14110908)   65.73971 (14110908)   67.45302 (15012918)   69.56486 (15012109)
71.88476 (14120620)
 4215120.6 | 62.32161 (14110908)   63.98926 (14110908)   65.46435 (15012918)   67.18854 (15012109)
69.45876 (14120620)
 4215100.6 | 60.22956 (14110908)   62.12205 (14110908)   63.27442 (15012918)   65.06091 (15012918)
66.95159 (14120620)
 4215080.6 | 58.33776 (14110908)   60.31857 (14110908)   61.56711 (14110908)   63.14581 (15012918)
64.51583 (14120620)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.6	51.41950 (16110719)	49.36095 (15111318)	47.99722 (15111317)	46.87441 (15111317)	45.30220 (15112117)
4215980.6	53.18162 (16110719)	51.30761 (15111318)	49.95085 (15111317)	48.37507 (15111317)	46.68248 (15112117)
4215960.6	55.07567 (16110719)	53.30762 (15111318)	51.95953 (15111317)	50.10684 (15112117)	47.93115 (15112117)
4215940.6	57.18339 (15111318)	55.39154 (15111318)	54.01455 (15111317)	51.96911 (15112117)	49.30249 (16120822)
4215920.6	59.88229 (15111318)	57.99178 (15111317)	56.06655 (15111317)	53.78239 (15112117)	51.11350 (16120822)
4215900.6	62.77298 (15111318)	60.75593 (15111317)	58.27863 (15112117)	55.50010 (15112117)	52.83722 (14122007)
4215880.6	65.88297 (15111318)	63.71328 (15111317)	60.93292 (15112117)	57.57063 (16120822)	55.25034 (14122020)
4215860.6	69.31704 (15111317)	66.87817 (15111317)	63.62018 (15112117)	60.03580 (16120822)	58.01759 (14122020)
4215840.6	73.46838 (15111317)	70.16443 (15111317)	66.29010 (15112117)	62.80676 (14122020)	60.59989 (13111118)
4215820.6	77.97003 (15111317)	73.91257 (15112117)	69.34384 (16120822)	66.54210 (14122020)	63.70566 (13111118)
4215800.6	82.94103 (15111317)	78.12253 (15112117)	72.90782 (16120822)	70.07012 (14122020)	66.87999 (14120120)
4215780.6	88.46978 (15111317)	82.54952 (15112117)	77.87052 (14122020)	74.21926 (13111118)	70.63223 (14120120)
4215760.6	94.65835 (15111317)	87.49058 (16120822)	83.07545 (14122020)	78.80023 (14120120)	75.41008 (13111717)
4215740.6	101.90670 (15112117)	93.95291 (14122020)	88.98956 (13111118)	83.81338 (13111717)	80.28350 (13111717)
4215720.6	110.56172 (15112117)	102.20980 (14122020)	95.91538 (14120120)	91.22270 (13111717)	84.88701 (15010117)
4215700.6	120.29580 (15112117)	111.52784 (13111118)	104.53906 (13111717)	97.16395 (15010117)	93.72940 (16110917)
4215680.6	133.73385 (14122020)	122.91584 (14120120)	114.51941 (13111717)	108.14516 (16110917)	100.86634 (14110817)

 4215660.6 | 151.33160 (13111118)   138.44081 (13111717)   127.82989 (16110917)   118.28370 (14110817)
103.98864 (14110817)
 4215640.6 | 174.78528 (14120120)   156.66158 (16110917)   143.35564 (14110817)   123.66684 (15120117)
110.75585 (13011217)
 4215620.6 | 208.49880 (13111717)   182.94002 (14110817)   153.07574 (15120117)   132.67585 (13011217)
114.55798 (15010317)
 4215600.6 | 258.69993 (16110917)   202.52223 (13122217)   165.32022 (15010317)   137.59544 (14120318)
121.20698 (13110917)
 4215580.6 | 240.71340 (13112817)   217.19158 (13112417)   173.78736 (13110917)   139.21901 (13110917)
115.11626 (13122417)
 4215560.6 | 258.91765 (16111220)   217.26853 (13112817)   155.67285 (13122417)   126.32120 (13120417)
105.40751 (15012007)
 4215540.6 | 335.84353 (16111220)   242.93683 (13112817)   175.55234 (13112817)   133.29561 (16111321)
107.48394 (16110219)
 4215520.6 | 360.73647 (14013006)   282.41294 (16111220)   191.76964 (13112817)   148.91629 (13112817)
118.92131 (16111321)
 4215500.6 | 313.75641 (14110717)   283.19066 (16111220)   215.05370 (16111220)   160.41344 (13112817)
129.89566 (16111321)
 4215480.6 | 267.88220 (14110717)   257.79555 (16111418)   229.58061 (16111220)   170.46125 (16111220)
138.63326 (13112817)
 4215460.6 | 226.94136 (14110717)   231.80462 (14110717)   219.83275 (16111220)   189.16021 (16111220)
138.83590 (16111220)
 4215440.6 | 194.38576 (15120707)   209.40881 (14110717)   203.59821 (16111418)   190.90191 (16111220)
158.03659 (16111220)
 4215420.6 | 173.64503 (16111419)   185.59311 (14110717)   186.70293 (14110717)   179.83415 (13011321)
165.66911 (16111220)
 4215400.6 | 156.34062 (16111419)   164.33026 (15120707)   173.55134 (14110717)   169.18290 (16111418)
162.09025 (16111220)
 4215380.6 | 141.95154 (13111221)   150.31214 (16111419)   158.06353 (14110717)   157.27436 (14110717)
153.55139 (16111418)
 4215360.6 | 130.45014 (16110820)   138.39934 (16111419)   142.61457 (16111207)   148.71350 (14110717)
144.89762 (16111418)
 4215340.6 | 121.67935 (16110820)   127.45448 (16111419)   132.52598 (15120707)   138.07453 (14110717)
136.30441 (14110717)
 4215320.6 | 113.73865 (16110820)   118.18186 (13111221)   123.74176 (16111419)   126.57774 (16111207)
130.38812 (14110717)
 4215300.6 | 106.68727 (16110820)   110.09118 (16110820)   115.75397 (16111419)   118.42585 (15120707)
122.41498 (14110717)
 4215280.6 | 100.43523 (16110820)   104.27039 (16110820)   108.13948 (13111221)   111.58639 (15120707)
113.63931 (16111207)
 4215260.6 | 94.84682 (16110820)   98.85958 (16110820)   101.72671 (13111221)   105.71317 (16111419)
106.79274 (15120707)
 4215240.6 | 89.96342 (16110820)   93.82211 (16110820)   95.69002 (13111221)   99.80312 (16111419)
101.76578 (15120707)
 4215220.6 | 85.67793 (16110820)   89.27134 (16110820)   91.51642 (16110820)   94.35111 (13111221)
96.92400 (16111419)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR2
***
                                INCLUDING SOURCE(S):   L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
L0000446   ,
                L0000447   , L0000448   , L0000449   , L0000450   , L0000451   , L0000452   , L0000453   ,
L0000454   ,
                L0000455   , L0000456   , L0000457   , L0000458   , L0000459   , L0000460   , L0000461   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539545.17              539565.17              539585.17              539605.17
539625.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |     82.16080 (16112022)     85.19974 (16110820)     87.67067 (16110820)     89.60040 (13111221)
92.43849 (16111419)
 4215180.6 |     78.96308 (16112022)     81.74919 (16110820)     84.10800 (16110820)     85.00950 (13111221)
87.91680 (16111419)
 4215160.6 |     76.44634 (16112022)     78.35118 (16110820)     80.86056 (16110820)     81.74846 (16110820)
83.95170 (13111221)
 4215140.6 |     73.47918 (14120620)     75.11314 (16112022)     77.56087 (16110820)     78.97589 (16110820)
80.13085 (13111221)
 4215120.6 |     71.01153 (14120620)     72.37915 (16112022)     74.39349 (16110820)     76.18111 (16110820)
76.33765 (13111221)
 4215100.6 |     68.66132 (14120620)     69.76218 (16112022)     71.34316 (16110820)     73.42392 (16110820)
73.86482 (16110820)
 4215080.6 |     66.40460 (14120620)     67.23868 (16112022)     68.71455 (16112022)     70.71596 (16110820)
71.65863 (16110820)
 4215060.6 |     64.22031 (14120620)     65.29269 (14120620)     66.58473 (16112022)     68.05996 (16110820)
69.45557 (16110820)
 4215040.6 |     62.54279 (14120620)     63.71582 (14120620)     64.58529 (16112022)     65.75603 (16110820)
67.36818 (16110820)
 4215020.6 |     60.69468 (15012109)     62.17942 (14120620)     62.80302 (16112022)     63.75804 (16112022)
65.38238 (16110820)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                      ***
  15:15:41

  PAGE 474
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CAR2
***
                                INCLUDING SOURCE(S):     L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
                L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
L0000446    ,
                L0000447    , L0000448    , L0000449    , L0000450    , L0000451    , L0000452    , L0000453    ,
L0000454    ,
                L0000455    , L0000456    , L0000457    , L0000458    , L0000459    , L0000460    , L0000461    ,
. . .       ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539645.17              539665.17              539685.17              539705.17
539725.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |     43.06271 (16120822)     41.59809 (14122007)     40.60855 (14122020)     39.32897 (13111118)
38.17127 (13111118)
 4215980.6 |     44.58105 (16120822)     42.90496 (15120518)     41.98252 (14122020)     40.70049 (13111118)
39.20360 (14120120)
 4215960.6 |     45.92107 (16120822)     44.59792 (14122020)     43.15692 (13111118)     41.75082 (13111118)
40.65004 (14120120)
 4215940.6 |     47.38748 (15120518)     46.25579 (14122020)     44.74002 (13111118)     43.15380 (14120120)
41.66336 (14120120)
 4215920.6 |     49.36513 (14122020)     47.72202 (13111118)     45.93980 (13111118)     44.70299 (14120120)
43.16113 (13111717)
 4215900.6 |     51.44417 (14122020)     49.58841 (13111118)     47.81390 (14120120)     45.71704 (14120120)
45.15315 (13111717)
 4215880.6 |     53.38669 (13111118)     51.13044 (14120120)     49.54778 (14120120)     48.19827 (13111717)
46.45502 (13111717)
```

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2
***
INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 ,
L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 ,
L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 ,
L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 ,
. . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4215200.6	93.35540 (15120707)	94.22836 (14110717)	95.48631 (14110717)	92.45201 (16111122)	91.99431 (16111418)
4215180.6	89.29922 (15120707)	89.63026 (16111207)	91.54778 (14110717)	89.84018 (16111122)	88.63861 (16111418)
4215160.6	85.89426 (16111419)	86.06069 (15120707)	86.86298 (14110717)	87.63488 (14110717)	85.04892 (16111122)
4215140.6	82.24262 (16111419)	82.92863 (15120707)	83.01249 (16111207)	84.38894 (14110717)	82.78752 (16111122)
4215120.6	78.51820 (13111221)	79.84085 (16111419)	79.61533 (15120707)	80.40710 (14110717)	80.97940 (14110717)
4215100.6	75.39119 (13111221)	76.94114 (16111419)	77.14446 (15120707)	77.15015 (16111207)	78.24807 (14110717)
4215080.6	72.19004 (13111221)	73.81674 (16111419)	74.38986 (16111419)	73.98350 (15120707)	74.92329 (14110717)
4215060.6	69.06555 (13111221)	71.00000 (13111221)	72.09436 (16111419)	72.08575 (15120707)	72.17916 (16111207)
4215040.6	67.39631 (16110820)	68.45851 (13111221)	69.65909 (16111419)	69.85813 (15120707)	69.21676 (16111207)
4215020.6	65.75560 (16110820)	65.83083 (13111221)	67.08917 (16111419)	67.85852 (16111419)	67.62382 (15120707)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2
***
INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 ,
L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 ,
L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 ,
L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 ,
. . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	197.64016	(13012521)	539351.84	4215428.70	197.75256	(13012521)
539361.84	4215428.70	193.97174	(15013018)	539371.84	4215428.70	193.08306	(15013018)
539381.84	4215428.70	191.68379	(14110917)	539341.84	4215438.70	229.49257	(15111818)
539351.84	4215438.70	230.32275	(14122918)	539361.84	4215438.70	230.79882	(13012521)
539371.84	4215438.70	222.84049	(13012521)	539381.84	4215438.70	219.73128	(15013018)
539341.84	4215448.70	279.04520	(13111119)	539351.84	4215448.70	223.70149	(13111119)
539361.84	4215448.70	239.48122	(15111818)	539371.84	4215448.70	277.86968	(13012521)
539381.84	4215448.70	268.35377	(13012521)	539341.84	4215458.70	199.37792	(16011921)
539351.84	4215458.70	239.60142	(15111722)	539361.84	4215458.70	269.26831	(14122917)
539371.84	4215458.70	195.19673	(13111119)	539381.84	4215458.70	212.85006	(15110619)
539341.84	4215468.70	206.14597	(14012217)	539351.84	4215468.70	238.84686	(14012217)
539361.84	4215468.70	176.68988	(16011921)	539371.84	4215468.70	201.30048	(15111722)
539381.84	4215468.70	229.52816	(14122917)	539113.88	4215517.52	46.62717	(14012720)
539096.52	4215515.99	45.92033	(14012720)	539108.26	4215501.18	55.59806	(15110618)
539096.01	4215500.67	54.15913	(14012720)	539108.26	4215486.38	63.49563	(15110618)
539094.47	4215485.36	60.67629	(15110618)	539135.32	4215461.36	75.12202	(13112022)
539150.13	4215439.91	85.01995	(14121020)	539114.39	4215452.68	68.67483	(13112022)
539123.07	4215439.40	74.99129	(14121020)	539159.32	4215421.02	88.87418	(13110818)
539145.02	4215416.43	83.24778	(13110818)	539134.30	4215410.81	79.84896	(13110818)
539131.75	4215425.11	77.89578	(13111718)	539206.80	4215383.75	100.78652	(15111722)
539215.99	4215372.52	100.14827	(13111119)	539188.93	4215382.22	94.42118	(15110219)
539176.17	4215379.67	89.08957	(15110219)	539165.44	4215376.09	84.91126	(15110219)
539248.79	4215356.71	100.01760	(14012820)	539243.45	4215348.45	95.86028	(13012521)
539265.58	4215345.25	97.00730	(16110522)	539260.78	4215338.05	93.13596	(16110522)
539256.25	4215351.38	98.03059	(16110522)	539272.77	4215331.92	91.47372	(13122017)
539264.78	4215324.99	88.45338	(13122017)	539280.77	4215321.79	89.34562	(14110917)
539279.97	4215307.14	85.08209	(14110917)	539287.97	4215313.80	87.64356	(14110917)
539297.83	4215304.74	82.64631	(14110917)	539289.56	4215296.21	80.04903	(14110917)
539311.15	4215287.68	77.68075	(16110521)	539303.69	4215281.28	76.45667	(16110521)
539303.69	4215296.21	80.14997	(16110521)	539314.25	4215271.79	74.72154	(14110418)
539329.09	4215260.48	72.45361	(14111418)	539339.69	4215237.16	68.39972	(16110617)
539357.36	4215232.92	69.68337	(16110617)	539394.11	4215199.70	66.60072	(16111117)
539044.99	4215579.21	32.60220	(14111220)	539034.39	4215591.93	31.03260	

(15110719)
539054.88 4215556.59 34.83460 (14111220) 539058.42 4215538.92 36.85095
(15120817)
539054.88 4215520.55 39.98430 (14012720) 539082.44 4215477.44 59.79062
(15110618)
539073.96 4215466.13 58.34874 (14010718) 539098.70 4215440.69 67.03078
(14121020)
539109.30 4215426.56 71.81096 (16112720) 539117.07 4215415.96 74.24441
(13121818)
539125.55 4215401.11 77.43624 (14012217) 539158.77 4215367.19 82.42091
(15110219)
539150.29 4215357.30 79.64534 (15111722) 539184.21 4215339.63 83.66124
(15110619)
539222.37 4215324.79 84.85850 (13012521) 539243.58 4215317.72 84.78456
(13122017)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR2 ***

INCLUDING SOURCE(S): L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , L0000446 ,
L0000447 , L0000448 , L0000449 , L0000450 , L0000451 , L0000452 , L0000453 , L0000454 ,
L0000455 , L0000456 , L0000457 , L0000458 , L0000459 , L0000460 , L0000461 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539371.49	4215194.05	64.85247	(16110617)	539364.42	4215191.93	64.57082	(16110617)
539344.64	4215200.41	64.45581	(16110617)	539409.65	4215113.48	58.21028	(16111117)
539355.94	4215136.80	58.11463	(16110617)	539262.66	4215288.75	79.94104	(14110917)
539282.44	4215261.19	71.86777	(16110521)	539299.41	4215235.04	67.66585	(14110418)
539168.92	4215647.77	42.94964	(13112018)	538947.70	4216163.58	56.05665	(14122218)
539352.12	4215798.21	270.29255	(14121816)	539367.62	4215566.76	80.73818	(15012918)
539278.26	4215504.64	122.23034	(14111220)	539297.51	4215494.11	200.06950	(14012720)
539323.66	4215486.12	211.76416	(14012720)	539342.55	4215482.85	182.77191	(16011321)
539367.23	4215481.23	189.31714	(14012217)	539397.77	4215487.94	185.19128	(16011921)
539352.73	4215556.41	81.40737	(16011217)	539337.83	4215546.05	89.77821	(14121816)
539322.94	4215535.70	112.21263	(14121816)	539308.05	4215525.35	138.41142	(14121816)
539293.15	4215514.99	117.93166	(15120806)	539287.89	4215499.38	149.50815	(14012720)
539310.58	4215490.12	165.86462	(14012720)	539354.89	4215482.04	227.69270	(13111718)
539382.50	4215484.59	235.99594	(14012217)	539391.74	4215503.70	159.09457	

(13111718)
       539385.71   4215519.47   155.71926 (14121816)   539379.68   4215535.23   115.47609
(14121816)
       539373.65   4215551.00   90.12116 (14121816)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                               INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
               L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
               L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
               L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
 -
- - - - - - - -

 4216000.6 | 95.81529 (13012521)   109.28349 (13012521)   126.69329 (15111821)   154.08584 (15013018)
197.28098 (14110917)
 4215980.6 | 97.66714 (13012521)   111.00427 (15111821)   131.44826 (15013018)   160.49761 (14110917)
185.97146 (14110917)
 4215960.6 | 99.11375 (16110522)   114.81447 (15013018)   134.05764 (14110917)   156.98369 (14110917)
181.17330 (16110521)
 4215940.6 | 103.20391 (15013018)   115.01310 (14110917)   135.31205 (14110917)   147.07250 (13121808)
176.34735 (13111121)
 4215920.6 | 101.40614 (15013018)   119.17817 (14110917)   128.12847 (14110917)   145.49480 (16110521)
169.76853 (14110418)
 4215900.6 | 105.97520 (14110917)   115.24918 (14110917)   124.48189 (13121808)   141.95755 (13111121)
162.06164 (14110418)
 4215880.6 | 105.50445 (14110917)   108.55390 (13121808)   121.81484 (15112508)   136.27551 (14110418)
151.05700 (16110619)
 4215860.6 | 99.19110 (14110917)   108.26439 (13121808)   119.97853 (13111121)   132.59227 (14110418)
143.70922 (14012722)
 4215840.6 | 97.94020 (13121808)   106.30299 (15112508)   115.28455 (14110418)   125.89057 (16110619)
135.75816 (14012722)
 4215820.6 | 96.61893 (13121808)   105.06290 (13111121)   113.62762 (14110418)   118.97882 (15111721)
129.42822 (16112721)
 4215800.6 | 95.70840 (13111121)   101.06999 (14110418)   108.43006 (14110418)   115.36813 (14012722)
122.25057 (16112721)
 4215780.6 | 94.69900 (13111121)   100.55113 (14110418)   103.82550 (15111721)   109.76686 (14012722)
116.72014 (15110620)
 4215760.6 | 91.08196 (14110418)   97.77156 (14110418)   100.78750 (14012722)   106.16136 (16112721)
112.62702 (14112820)
 4215740.6 | 91.45615 (14110418)   93.48798 (16110619)   97.49928 (14012722)   101.82540 (16112721)
107.46858 (14112820)
 4215720.6 | 89.40396 (14110418)   91.30919 (15111721)   93.97663 (16112721)   97.65849 (15110620)
103.48987 (14110821)
 4215700.6 | 86.02810 (16110619)   89.31797 (14012722)   91.34964 (16112721)   94.97595 (14112820)
99.38987 (14110821)
 4215680.6 | 83.07996 (15111721)   86.81687 (14012722)   90.18546 (16112721)   91.86166 (14112820)
95.34278 (16110617)
 4215660.6 | 80.52401 (14012722)   83.59018 (16112721)   86.59662 (15110620)   90.58598 (14112820)

94.90895 (16110617)
 4215640.6 | 79.29727 (14012722)   82.19868 (16112721)   84.48700 (15110620)   87.85584 (14110821)
92.34678 (16110617)
 4215620.6 | 77.13005 (14012722)   79.79707 (16112721)   82.32913 (14112820)   84.85914 (14110821)
89.59363 (16110617)
 4215600.6 | 74.58413 (16112721)   76.65352 (16112721)   80.24447 (14112820)   81.90268 (14110821)
86.96652 (16110617)
 4215580.6 | 73.34361 (16112721)   75.00240 (15110620)   77.68196 (14110821)   79.21208 (16110617)
84.03614 (16110617)
 4215560.6 | 71.46719 (16112721)   73.16306 (15110620)   75.87899 (14110821)   77.77593 (16110617)
80.97790 (16110617)
 4215540.6 | 69.10339 (16112721)   71.82687 (14112820)   73.66679 (14110821)   76.12231 (16110617)
77.92667 (16110617)
 4215520.6 | 67.46662 (15110620)   70.14752 (14112820)   71.25957 (14110821)   74.38164 (16110617)
74.99914 (16110617)
 4215500.6 | 66.36967 (15110620)   68.25681 (14110821)   68.71403 (14110821)   72.49981 (16110617)
72.11350 (16110617)
 4215480.6 | 64.88025 (14112820)   66.82714 (14110821)   67.17438 (16110617)   70.66821 (16110617)
69.61578 (16121208)
 4215460.6 | 63.79323 (14112820)   65.15860 (14110821)   66.30475 (16110617)   68.64005 (16110617)
67.79672 (16121208)
 4215440.6 | 62.40341 (14112820)   63.30700 (14110821)   65.37609 (16110617)   66.57525 (16110617)
65.84944 (16121208)
 4215420.6 | 60.93348 (14110821)   61.42338 (14110821)   64.17760 (16110617)   64.49592 (16110617)
64.06668 (16121208)
 4215400.6 | 59.81936 (14110821)   59.33617 (14110821)   62.85947 (16110617)   62.42055 (16110617)
62.42554 (16121208)
 4215380.6 | 58.59386 (14110821)   58.67682 (16110617)   61.44683 (16110617)   60.36421 (16110617)
60.67688 (16121208)
 4215360.6 | 57.10431 (14110821)   58.07755 (16110617)   59.96250 (16110617)   59.18767 (16121208)
58.95884 (16121208)
 4215340.6 | 55.49141 (14110821)   57.33190 (16110617)   58.50464 (16110617)   57.95654 (16121208)
57.27522 (16121208)
 4215320.6 | 53.79059 (14110821)   56.46148 (16110617)   56.92779 (16110617)   56.70234 (16121208)
55.71343 (16121208)
 4215300.6 | 52.38165 (16110617)   55.55884 (16110617)   55.33296 (16110617)   55.43369 (16121208)
54.17372 (16121208)
 4215280.6 | 52.15734 (16110617)   54.49297 (16110617)   53.73355 (16110617)   54.15812 (16121208)
52.59626 (16121208)
 4215260.6 | 51.72907 (16110617)   53.35793 (16110617)   52.45936 (16121208)   52.95859 (16121208)
51.25169 (15110419)
 4215240.6 | 51.17889 (16110617)   52.16923 (16110617)   51.60921 (16121208)   51.68188 (16121208)
50.66709 (15110419)
 4215220.6 | 50.52246 (16110617)   50.94078 (16110617)   50.79494 (16121208)   50.41548 (16121208)
50.07549 (15110419)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                               INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
               L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
               L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
               L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
- -
- - - - - - - -

4215200.6 | 49.77463 (16110617)   49.68499 (16110617)   49.87392 (16121208)   49.16345 (16121208)
49.47855 (15110419)
4215180.6 | 48.94936 (16110617)   48.45331 (16110617)   48.93008 (16121208)   47.92921 (16121208)
48.80487 (15110419)
4215160.6 | 48.10499 (16110617)   47.16947 (16110617)   47.96944 (16121208)   46.71562 (16121208)
48.20388 (15110419)
4215140.6 | 47.15906 (16110617)   46.52478 (16121208)   46.99739 (16121208)   45.56767 (16121208)
47.60141 (15110419)
4215120.6 | 46.17172 (16110617)   45.89383 (16121208)   46.01872 (16121208)   44.41097 (14122117)
46.99846 (15110419)
4215100.6 | 45.15308 (16110617)   45.22590 (16121208)   45.08316 (16121208)   43.56585 (14122117)
46.39589 (15110419)
4215080.6 | 44.11230 (16110617)   44.57534 (16121208)   44.09955 (16121208)   42.73167 (14122117)
45.79449 (15110419)
4215060.6 | 43.05759 (16110617)   43.84707 (16121208)   43.12086 (16121208)   42.26008 (15110419)
45.25305 (15110419)
4215040.6 | 42.29174 (16121208)   43.09778 (16121208)   42.15005 (16121208)   41.92729 (15110419)
44.65350 (15110419)
4215020.6 | 41.84550 (16121208)   42.33203 (16121208)   41.18972 (16121208)   41.63113 (15110419)
44.05694 (15110419)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
- -
- - - - - - - -

4216000.6 | 242.08599 (15112508)   372.18063 (14121816)   323.29716 (14121816)   281.90255 (15120816)
219.21744 (13112006)
4215980.6 | 236.66270 (13111121)   314.01940 (14012722)   440.89084 (14121816)   291.62272 (15011617)
254.05272 (15120816)
4215960.6 | 226.58988 (14110418)   281.93982 (16112721)   294.40465 (14121816)   433.56843 (14121816)
270.14690 (17011717)
4215940.6 | 209.50505 (14110418)   252.23591 (16112721)   279.79991 (16110617)   324.16330 (14121816)
401.27931 (14121816)
4215920.6 | 194.43183 (14012722)   229.54785 (14112820)   284.02892 (16110617)   299.30603 (13112018)
340.18073 (14121816)
4215900.6 | 181.38196 (14012722)   209.36843 (14110821)   245.25478 (16110617)   286.39607 (15112306)
324.79014 (14110908)
4215880.6 | 169.39147 (16112721)   192.01289 (16110617)   215.96158 (16110617)   241.09690 (15112306)
302.35179 (13112018)
4215860.6 | 157.62339 (15110620)   178.55097 (16110617)   192.01098 (16110617)   210.04155 (15112306)

248.97140 (13112018)
 4215840.6 | 148.63645 (14112820)   165.92885 (16110617)   172.33393 (16110617)   186.57910 (15112306)
214.04370 (13112018)
 4215820.6 | 139.61437 (14112820)   154.16940 (16110617)   157.03943 (16111218)   169.18760 (16111319)
188.30081 (13112018)
 4215800.6 | 131.36528 (14110821)   143.92926 (16110617)   145.60437 (16111218)   155.21834 (16111319)
168.76735 (13111822)
 4215780.6 | 124.20978 (14110821)   134.73146 (16110617)   135.73781 (16111218)   143.58665 (16111319)
153.91703 (16111117)
 4215760.6 | 119.86312 (16110617)   126.33720 (16110617)   127.36957 (16111218)   134.02211 (16111319)
142.64109 (17012706)
 4215740.6 | 115.50625 (16110617)   118.55015 (16110617)   120.51424 (15110419)   125.88415 (17010220)
133.33946 (17012706)
 4215720.6 | 110.90715 (16110617)   111.29887 (16110617)   115.10497 (15110419)   118.80487 (17010220)
124.98163 (17012706)
 4215700.6 | 106.36473 (16110617)   105.13942 (16121208)   109.96439 (15110419)   112.49697 (17010220)
118.00965 (17012706)
 4215680.6 | 101.32827 (16110617)   99.82443 (16121208)   104.73102 (15110419)   106.65242 (17010220)
111.78911 (17012706)
 4215660.6 | 98.93100 (16110617)   97.49923 (16121208)   101.85690 (15110419)   101.56701 (17010220)
106.17442 (17012706)
 4215640.6 | 94.51503 (16110617)   93.35234 (16121208)   98.38934 (15110419)   98.33071 (15112306)
101.30194 (17012706)
 4215620.6 | 90.34951 (16110617)   89.49084 (16121208)   94.96877 (15110419)   95.06271 (15112306)
96.69944 (17012706)
 4215600.6 | 86.25621 (16121208)   86.83911 (15110419)   91.70609 (15110419)   91.89974 (15112306)
94.51791 (17012706)
 4215580.6 | 83.31448 (16121208)   84.34402 (15110419)   88.36637 (15110419)   88.74665 (15112306)
91.52298 (17012706)
 4215560.6 | 80.32510 (16121208)   81.83475 (15110419)   85.26691 (15110419)   85.68886 (15112306)
88.89767 (17012706)
 4215540.6 | 77.42022 (16121208)   79.44364 (15110419)   82.11012 (15110419)   82.82712 (15112306)
85.97869 (17012706)
 4215520.6 | 74.71279 (16121208)   77.27727 (15110419)   79.43560 (17010220)   80.02471 (15112306)
83.13219 (17012706)
 4215500.6 | 71.94872 (16121208)   74.87224 (15110419)   76.70595 (17010220)   77.27256 (15112306)
80.22387 (17012706)
 4215480.6 | 69.29622 (16121208)   72.74267 (15110419)   74.13879 (17010220)   74.80275 (15112306)
77.49001 (17012706)
 4215460.6 | 66.77409 (16121208)   70.55607 (15110419)   71.87355 (17010220)   72.51960 (15112306)
75.00061 (17012706)
 4215440.6 | 64.34774 (16121208)   68.61963 (15110419)   69.58862 (17010220)   70.35922 (15112306)
72.69747 (17012706)
 4215420.6 | 62.98763 (15110419)   66.78673 (15110419)   67.57712 (17010220)   68.33502 (15112306)
70.66824 (17012706)
 4215400.6 | 61.88671 (15110419)   65.16920 (15110419)   65.82301 (17010220)   66.59144 (15112306)
68.77448 (17012706)
 4215380.6 | 60.80393 (15110419)   63.62974 (15110419)   64.15273 (17010220)   64.94486 (15112306)
66.98896 (17012706)
 4215360.6 | 59.73970 (15110419)   62.14889 (15110419)   62.71067 (17010220)   63.55046 (15112306)
65.46640 (17012706)
 4215340.6 | 58.69431 (15110419)   60.84821 (15110419)   61.20076 (17010220)   62.08726 (15112306)
63.88572 (17012706)
 4215320.6 | 57.89618 (15110419)   59.58295 (15110419)   59.98863 (17010220)   60.82862 (15112306)
62.51735 (17012706)
 4215300.6 | 56.98065 (15110419)   58.45296 (15110419)   58.80264 (17010220)   59.74189 (15112306)
61.21208 (17012706)
 4215280.6 | 56.07107 (15110419)   57.33287 (15110419)   57.63982 (17010220)   58.57869 (15112306)
59.96360 (17012706)
 4215260.6 | 55.25754 (15110419)   56.22478 (15110419)   56.49960 (17010220)   57.55936 (15112306)
58.76705 (17012706)
 4215240.6 | 54.27584 (15110419)   55.11526 (17010220)   55.31251 (17010220)   56.47838 (15112306)
57.52363 (17012706)
 4215220.6 | 53.23368 (15110419)   53.98195 (17010220)   53.95788 (17010220)   55.17833 (15112306)
56.24391 (17012706)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   , L0000356   ,
L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   , L0000364   ,
L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , . . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS) 538845.17	538865.17	538885.17	538905.17	538925.17
4215200.6	52.21715 (15110419)	52.80917 (17010220)	52.72937 (17010220)	54.02408 (15112306)	55.11452 (17012706)
4215180.6	51.22578 (15110419)	51.67637 (17010220)	51.48213 (17010220)	52.92082 (15112306)	53.94737 (17012706)
4215160.6	50.25908 (15110419)	50.66003 (17010220)	50.28419 (17010220)	51.86515 (15112306)	52.91718 (17012706)
4215140.6	49.38829 (15110419)	49.67748 (17010220)	49.20051 (17010220)	50.85400 (15112306)	51.84822 (17012706)
4215120.6	48.53540 (15110419)	48.87023 (17010220)	48.22208 (17010220)	49.88453 (15112306)	50.74269 (17012706)
4215100.6	47.70007 (15110419)	48.01375 (17010220)	47.27705 (17010220)	49.03241 (15112306)	49.76307 (17012706)
4215080.6	46.94192 (15110419)	47.18131 (17010220)	46.36367 (17010220)	48.13706 (15112306)	48.82323 (17012706)
4215060.6	46.13747 (15110419)	46.37183 (17010220)	45.48032 (17010220)	47.34974 (15112306)	47.92077 (17012706)
4215040.6	45.34962 (15110419)	45.58427 (17010220)	44.67439 (17010220)	46.59047 (15112306)	47.12872 (17012706)
4215020.6	44.57800 (15110419)	44.81767 (17010220)	43.84365 (17010220)	45.85764 (15112306)	46.36525 (17012706)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   , L0000356   ,
L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   , L0000364   ,
L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   , L0000372   ,
L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   , . . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)

(METERS)	538945.17	538965.17	538985.17	539005.17	539025.17
4216000.6	165.19625 (16011018)	130.15977 (16011217)	108.17696 (16011217)	92.80541 (16011217)	81.63269 (16011217)
4215980.6	204.53800 (16011018)	149.03566 (16011217)	120.35918 (16011217)	101.30532 (16011217)	87.99867 (16011217)
4215960.6	270.43628 (14121807)	180.11480 (16011018)	137.00922 (16011217)	112.22904 (16011217)	95.81935 (16011217)
4215940.6	336.57668 (15120816)	232.67935 (13112006)	161.41894 (16011018)	126.80132 (16011217)	105.67576 (16011217)
4215920.6	348.13242 (14121816)	293.42760 (15120816)	203.45236 (16011018)	147.25189 (16011217)	118.42516 (16011217)
4215900.6	338.54783 (14121816)	296.75797 (15011617)	250.25890 (15120816)	180.57192 (16011018)	135.73593 (16011217)
4215880.6	337.50029 (14121816)	319.90463 (14121816)	267.94152 (17011717)	243.49602 (13112006)	163.54158 (16011018)
4215860.6	270.70305 (15012918)	370.16673 (14121816)	305.15204 (14013006)	239.86506 (17011717)	210.39681 (13112006)
4215840.6	264.59770 (14110908)	288.85106 (14110218)	383.82568 (14121816)	298.37796 (16122222)	281.04685 (15120816)
4215820.6	220.93466 (14110908)	281.68878 (15012918)	327.78944 (14121816)	377.07023 (14121816)	315.29254 (15011617)
4215800.6	189.73352 (14110908)	230.18898 (14110908)	310.60078 (15012109)	332.74899 (14110717)	355.98602 (14121816)
4215780.6	170.86726 (13112018)	199.17386 (14110908)	243.09467 (15012918)	315.54952 (14110218)	368.21199 (14110717)
4215760.6	156.40452 (13112018)	176.22144 (14110908)	204.66660 (15012918)	264.23427 (14110218)	279.15622 (16110518)
4215740.6	144.06654 (13112018)	158.17282 (14110908)	180.88098 (14110908)	216.10408 (15012109)	291.23365 (14110218)
4215720.6	134.14160 (13112018)	142.86398 (13112018)	163.23784 (14110908)	186.37608 (15012918)	229.99257 (14110218)
4215700.6	125.16871 (13112018)	133.37895 (13112018)	148.68492 (14110908)	165.39710 (14110908)	194.18617 (15012109)
4215680.6	117.78618 (13111822)	125.02226 (13112018)	136.37419 (14110908)	151.08412 (14110908)	170.33293 (15012918)
4215660.6	111.40546 (13111822)	117.97022 (13112018)	126.20575 (14110908)	139.13838 (14110908)	153.18715 (15012918)
4215640.6	105.51896 (13111822)	111.57259 (13112018)	117.24707 (14110908)	129.45494 (14110908)	139.71502 (14110908)
4215620.6	100.47289 (13111822)	106.07733 (13112018)	109.60232 (16121207)	120.68691 (14110908)	130.10355 (14110908)
4215600.6	95.70240 (13111822)	101.07975 (13112018)	104.15285 (16121207)	113.23626 (14110908)	121.71166 (14110908)
4215580.6	93.38622 (13111822)	96.43726 (13112018)	99.21853 (13112018)	106.47321 (14110908)	114.59054 (14110908)
4215560.6	90.24419 (13111822)	92.92608 (13112018)	94.91142 (13112018)	100.16774 (14110908)	108.21321 (14110908)
4215540.6	87.22705 (13111822)	89.71704 (13112018)	91.24249 (13112018)	94.58220 (14110908)	102.36210 (14110908)
4215520.6	84.45466 (13010906)	86.95530 (13112018)	88.03550 (13112018)	89.18865 (14110908)	97.13576 (14110908)
4215500.6	81.71543 (13010906)	85.00492 (13112018)	85.36946 (13112018)	85.73649 (14110908)	92.27233 (14110908)
4215480.6	79.07084 (13010906)	82.24018 (13112018)	83.11478 (13112018)	82.89576 (16121207)	88.67941 (14110908)
4215460.6	76.29930 (13010906)	79.58718 (13111822)	81.05498 (13112018)	80.61797 (16121207)	85.07220 (14110908)
4215440.6	73.98203 (13010906)	76.83171 (13111822)	79.00302 (13112018)	78.84275 (16121207)	81.78860 (14110908)
4215420.6	71.78247 (13010906)	74.55732 (13111822)	76.71079 (13112018)	77.04321 (16121207)	78.64821 (14110908)
4215400.6	69.80956 (17012706)	72.38891 (13111822)	74.51639 (13112018)	75.05096 (16121207)	75.52152 (14110908)
4215380.6	68.12410 (17012706)	70.49415 (13111822)	72.41587 (13112018)	72.89484 (16121207)	72.45451 (14110908)

 4215360.6 | 66.42221 (17012706)   68.58917 (13111822)   70.44532 (13112018)   70.94633 (16121207)
70.60712 (16121207)
 4215340.6 | 64.81376 (17012706)   66.78472 (13111822)   68.57395 (13112018)   69.23028 (16121207)
68.91032 (16121207)
 4215320.6 | 63.29110 (17012706)   65.07261 (13111822)   66.81788 (13112018)   67.45436 (16121207)
67.27514 (16121207)
 4215300.6 | 61.95750 (17012706)   63.44543 (13111822)   65.28345 (13112018)   65.78626 (13112018)
65.74648 (16121207)
 4215280.6 | 60.58152 (17012706)   62.02132 (13111822)   63.68241 (13112018)   64.32105 (13112018)
64.31459 (16121207)
 4215260.6 | 59.27219 (17012706)   60.53859 (13111822)   62.15229 (13112018)   62.92326 (13112018)
63.08200 (16121207)
 4215240.6 | 58.11749 (17012706)   59.15230 (13010906)   60.68720 (13112018)   61.58690 (13112018)
61.76960 (16121207)
 4215220.6 | 56.92164 (17012706)   57.90485 (13010906)   59.28191 (13112018)   60.42187 (13112018)
60.51044 (16121207)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                                INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
                L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
                L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -
- - - - - - - -

 4215200.6 | 55.69381 (17012706)   56.71081 (13010906)   58.11248 (13111822)   59.18852 (13112018)
59.29941 (16121207)
 4215180.6 | 54.60379 (17012706)   55.56638 (13010906)   56.93697 (13111822)   58.00191 (13112018)
58.13191 (16121207)
 4215160.6 | 53.55973 (17012706)   54.55816 (13010906)   55.80650 (13111822)   56.85811 (13112018)
57.00387 (16121207)
 4215140.6 | 52.48280 (17012706)   53.41387 (13010906)   54.62667 (13111822)   55.75367 (13112018)
56.01652 (16121207)
 4215120.6 | 51.37434 (17012706)   52.22929 (13010906)   53.49186 (13111822)   54.59191 (13112018)
54.95259 (16121207)
 4215100.6 | 50.38600 (17012706)   51.08959 (13010906)   52.39944 (13111822)   53.56206 (13112018)
53.91864 (16121207)
 4215080.6 | 49.36192 (17012706)   50.07934 (13010906)   51.34696 (13111822)   52.56430 (13112018)
52.91272 (16121207)
 4215060.6 | 48.37636 (17012706)   49.02245 (13010906)   50.33214 (13111822)   51.51205 (13112018)
51.93325 (16121207)
 4215040.6 | 47.57708 (17012706)   48.17222 (13010906)   49.35293 (13111822)   50.49335 (13112018)
50.91154 (13112018)
 4215020.6 | 46.87572 (17012706)   47.35121 (13010906)   48.48893 (13111822)   49.42296 (13112018)
49.94599 (13112018)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR3 ***

INCLUDING SOURCE(S): L0000352 , L0000353 , L0000354 , L0000355 , L0000356 ,
L0000357 , L0000358 , L0000359 , L0000360 , L0000361 , L0000362 , L0000363 , L0000364 ,
L0000365 , L0000366 , L0000367 , L0000368 , L0000369 , L0000370 , L0000371 , L0000372 ,
L0000373 , L0000374 , L0000375 , L0000376 , L0000377 , L0000378 , L0000379 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539045.17	539065.17	539085.17	539105.17	539125.17
4216000.6	72.85301 (16011217)	65.66659 (14122021)	60.20395 (13110518)	55.76888 (13110518)	51.57853 (13110518)
4215980.6	78.03966 (16011217)	69.83850 (14122021)	63.38043 (13110518)	58.56275 (13110518)	54.09118 (13110518)
4215960.6	84.19734 (16011217)	74.93822 (16011217)	67.20939 (14122021)	61.74125 (13110518)	56.90682 (13110518)
4215940.6	91.56894 (16011217)	80.96333 (16011217)	72.03626 (14122021)	65.38438 (13110518)	60.08262 (13110518)
4215920.6	100.63407 (16011217)	88.09415 (16011217)	77.82789 (16011217)	69.60019 (13110518)	63.69407 (13110518)
4215900.6	112.12046 (16011217)	96.71968 (16011217)	84.83603 (16011217)	74.84068 (14122021)	67.84166 (13110518)
4215880.6	127.30826 (16120820)	107.48337 (16011217)	93.21058 (16011217)	81.34058 (14122021)	72.66303 (13110518)
4215860.6	150.42566 (16011018)	121.30843 (16011217)	103.49900 (16011217)	89.51711 (16011217)	78.32187 (13110518)
4215840.6	188.14571 (16011018)	140.88601 (16010522)	116.57741 (16011217)	99.48318 (16011217)	85.62208 (14122021)
4215820.6	245.63690 (14121807)	173.05769 (16011018)	134.06920 (16011217)	111.98741 (16011217)	95.09061 (16011217)
4215800.6	286.55167 (17011717)	224.59893 (16010522)	160.88147 (16011018)	128.46024 (16011217)	107.13840 (16011217)
4215780.6	329.78628 (14121816)	266.86668 (15120816)	210.74646 (16011018)	151.81099 (16120820)	122.79486 (16011217)
4215760.6	410.25871 (14121816)	298.80813 (14121816)	250.33755 (15120816)	193.72174 (16011018)	144.50599 (16011217)
4215740.6	309.07052 (14110717)	408.87598 (14121816)	265.00901 (14121816)	232.90432 (15120816)	178.20991 (16010522)
4215720.6	318.38139 (16110518)	329.56650 (14110717)	396.18709 (14121816)	256.09466 (16111321)	251.82992 (15120816)
4215700.6	243.55330 (14110218)	309.28897 (16110518)	336.62974 (14110717)	373.84862 (14121816)	250.19025 (16111321)
4215680.6	202.02052 (14110218)	252.52246 (15011018)	334.27776 (14110717)	345.78796 (14013006)	344.65129 (14121816)
4215660.6	175.38272 (15012109)	209.05555 (14110218)	269.04194 (16110518)	357.80645 (14110717)	357.47109 (16122222)
4215640.6	156.46757 (15012109)	180.13925 (14110218)	213.41726 (13110920)	283.49780 (16110518)	297.08537 (14110717)
4215620.6	142.51280 (15012918)	159.05999 (15012109)	183.94209 (14110218)	223.52691 (16110518)	305.48253 (14110717)
4215600.6	130.88782 (15012918)	144.39240 (15012109)	162.66351 (14110218)	186.36707 (13110920)	233.49259 (16110518)
4215580.6	121.19774 (15012918)	132.40995 (15012109)	146.02260 (14110218)	164.77662 (14110218)	192.66949 (16110518)

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 4215560.6 |    113.80191 (14110908)    122.94320 (15012918)    133.50697 (15012109)    148.37921 (14110218)
166.01391 (13110920)
 4215540.6 |    107.72427 (14110908)    114.72782 (15012918)    123.65554 (15012109)    135.01030 (14110218)
149.15222 (14110218)
 4215520.6 |    102.32286 (14110908)    107.50841 (15012918)    115.06502 (15012109)    123.38681 (15012109)
136.15832 (14110218)
 4215500.6 |     97.46955 (14110908)    100.89945 (15012918)    108.02384 (15012918)    115.35220 (15012109)
125.04427 (14110218)
 4215480.6 |     93.34837 (14110908)     95.82862 (14110908)    102.25353 (15012918)    108.27901 (15012109)
115.43902 (14110218)
 4215460.6 |     89.69438 (14110908)     91.95076 (14110908)     97.14910 (15012918)    101.99548 (15012109)
107.57005 (15012109)
 4215440.6 |     86.53255 (14110908)     88.65534 (14110908)     92.70655 (15012918)     96.45567 (15012918)
101.63742 (15012109)
 4215420.6 |     83.71075 (14110908)     85.87843 (14110908)     88.77539 (15012918)     92.31199 (15012918)
96.41713 (15012109)
 4215400.6 |     81.04146 (14110908)     83.47789 (14110908)     85.15146 (15012918)     88.75720 (15012918)
91.86815 (15012109)
 4215380.6 |     78.43552 (14110908)     81.22276 (14110908)     81.90249 (15112021)     86.36111 (15012918)
87.79198 (15012109)
 4215360.6 |     75.45947 (14110908)     78.99609 (14110908)     80.20028 (14110908)     83.45254 (15012918)
84.51800 (15012918)
 4215340.6 |     72.65724 (14110908)     76.50727 (14110908)     77.97087 (14110908)     80.08841 (15012918)
81.75334 (15012918)
 4215320.6 |     69.77969 (14110908)     73.93611 (14110908)     75.55153 (14110908)     76.41214 (15112021)
79.98998 (15012918)
 4215300.6 |     67.15990 (14110908)     71.45200 (14110908)     73.36684 (14110908)     73.69097 (15112021)
77.00456 (15012918)
 4215280.6 |     64.61853 (14110908)     69.07088 (14110908)     71.12572 (14110908)     71.47377 (14110908)
74.12712 (15012918)
 4215260.6 |     62.35615 (15120508)     66.73501 (14110908)     69.09314 (14110908)     69.55936 (14110908)
71.08759 (15012918)
 4215240.6 |     61.03801 (15120508)     64.48532 (14110908)     67.14034 (14110908)     67.84998 (14110908)
68.48783 (15112021)
 4215220.6 |     59.77312 (15120508)     62.43812 (14110908)     65.36639 (14110908)     66.34993 (14110908)
66.69390 (15112021)
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 485
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CAR3
***
                               INCLUDING SOURCE(S):     L0000352    , L0000353    , L0000354    , L0000355    ,
L0000356    ,
               L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    , L0000363    ,
L0000364    ,
               L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    , L0000371    ,
L0000372    ,
               L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                            X-COORD (METERS)
  (METERS) |       539045.17              539065.17              539085.17              539105.17
539125.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |     58.55587 (15120508)     60.56734 (14110908)     63.64590 (14110908)     64.88447 (14110908)
64.79000 (15112021)
 4215180.6 |     57.50426 (15120508)     58.59620 (14110908)     61.95333 (14110908)     63.46714 (14110908)
63.42691 (14110908)
```

 4215160.6 | 56.47394 (16121207)   56.66399 (14110908)   60.28529 (14110908)   62.07167 (14110908)
62.13162 (14110908)
 4215140.6 | 55.52327 (16121207)   54.91416 (15120508)   58.63931 (14110908)   60.69334 (14110908)
60.86469 (14110908)
 4215120.6 | 54.60368 (16121207)   53.98681 (15120508)   57.13191 (14110908)   59.32851 (14110908)
59.74882 (14110908)
 4215100.6 | 53.71189 (16121207)   53.08641 (15120508)   55.51882 (14110908)   57.97437 (14110908)
58.51988 (14110908)
 4215080.6 | 52.84502 (16121207)   52.30841 (15120508)   53.92363 (14110908)   56.62869 (14110908)
57.42748 (14110908)
 4215060.6 | 52.00075 (16121207)   51.44966 (15120508)   52.34607 (14110908)   55.17886 (14110908)
56.22079 (14110908)
 4215040.6 | 51.00566 (16121207)   50.42536 (15120508)   50.59761 (14110908)   53.74282 (14110908)
55.02239 (14110908)
 4215020.6 | 50.03463 (16121207)   49.42419 (15120508)   48.88476 (14110908)   52.21352 (14110908)
53.83076 (14110908)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                                INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
                L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
                L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4216000.6 | 47.32175 (13110518)   44.39917 (16110718)   41.70713 (16110718)   39.11120 (14120907)
37.01843 (16110719)
 4215980.6 | 49.62096 (13110518)   46.13826 (16110718)   43.25452 (16110718)   40.45975 (14120907)
38.19282 (16110719)
 4215960.6 | 52.16625 (13110518)   48.06992 (16110718)   44.99764 (16110718)   41.93732 (14120907)
39.49229 (16110719)
 4215940.6 | 54.99912 (13110518)   50.22516 (16110718)   46.90556 (16110718)   43.59282 (16110718)
40.91224 (16110719)
 4215920.6 | 58.17332 (13110518)   52.65439 (13110518)   49.02610 (16110718)   45.47103 (16110718)
42.47016 (16110719)
 4215900.6 | 61.75879 (13110518)   55.83282 (13110518)   51.39627 (16110718)   47.55392 (16110718)
44.20954 (16110719)
 4215880.6 | 65.82532 (13110518)   59.38573 (13110518)   54.04206 (16110718)   49.87662 (16110718)
46.12608 (14120907)
 4215860.6 | 70.52134 (13110518)   63.39340 (13110518)   57.04238 (16110718)   52.46129 (16110718)
48.28882 (14120907)
 4215840.6 | 76.02658 (13110518)   67.98928 (13110518)   60.44932 (16110718)   55.38464 (16110718)
51.39556 (15111417)
 4215820.6 | 82.60226 (13110518)   73.33490 (13110518)   64.89401 (13110518)   58.99785 (15111417)
54.64105 (15111417)
 4215800.6 | 90.59740 (13110518)   79.70837 (13110518)   70.16514 (13110518)   62.79010 (15111417)
57.93680 (15111417)
 4215780.6 | 101.78345 (16011217)   87.48287 (13110518)   76.44830 (13110518)   67.17061 (15111417)
61.61285 (15111417)

 4215760.6 | 116.74305 (16011217)   97.18014 (13110518)   84.03895 (13110518)   73.03970 (16112317)
66.10301 (15111417)
 4215740.6 | 137.03467 (16011217)   110.17091 (14122021)   93.31562 (13110518)   80.42213 (16112317)
71.89591 (16112317)
 4215720.6 | 167.25638 (16011217)   129.21450 (16011217)   105.11217 (13110518)   89.70820 (16112317)
79.15952 (16112317)
 4215700.6 | 224.35664 (15120816)   156.81581 (16011217)   120.99644 (14122021)   101.73594 (16112317)
88.21293 (16112317)
 4215680.6 | 292.65196 (15120816)   199.41971 (13012220)   146.38231 (16011217)   117.62343 (16112317)
99.65939 (16112317)
 4215660.6 | 309.12804 (14121816)   267.05993 (15120816)   187.23674 (16011217)   139.52977 (16112317)
114.42662 (16112317)
 4215640.6 | 365.03063 (16122222)   271.55000 (14121816)   242.13277 (15120816)   173.82320 (16112806)
134.45614 (16112317)
 4215620.6 | 302.83158 (14013006)   367.46367 (16122222)   259.73710 (16111321)   220.50132 (14012919)
166.34500 (16112806)
 4215600.6 | 298.23452 (14110717)   316.15170 (16111220)   254.38453 (16111220)   255.54054 (16111321)
209.77858 (17010206)
 4215580.6 | 243.17909 (16110518)   313.50048 (14110717)   328.00217 (16111220)   248.16230 (13112817)
248.78156 (16110219)
 4215560.6 | 199.69384 (16110518)   257.16088 (14110717)   328.22579 (14110717)   336.57403 (16111220)
285.56121 (14121816)
 4215540.6 | 169.78436 (15011018)   205.81224 (16110518)   271.41382 (14110717)   339.58591 (14110717)
340.52381 (16111220)
 4215520.6 | 149.99569 (13110920)   175.00440 (16110518)   212.29915 (14110717)   283.68931 (14110717)
352.62759 (14013006)
 4215500.6 | 136.13738 (14110218)   152.36575 (15011018)   178.88379 (16110518)   221.09005 (14110717)
294.77562 (14110717)
 4215480.6 | 125.38007 (14110218)   136.52245 (13110920)   155.74569 (16110518)   181.38002 (16110518)
227.86784 (14110717)
 4215460.6 | 116.21196 (14110218)   125.08140 (16110820)   137.54735 (15011018)   157.69771 (16110518)
185.51901 (14110717)
 4215440.6 | 108.06294 (14110218)   115.93169 (14110218)   125.59213 (16110820)   139.56356 (16110518)
158.44264 (16110518)
 4215420.6 | 101.20266 (14110218)   108.21190 (14110218)   116.18889 (16110820)   125.30541 (16110820)
140.81518 (16110518)
 4215400.6 | 95.44230 (15012109)   101.51475 (14110218)   107.94920 (16110820)   116.29296 (16110820)
126.77835 (13111221)
 4215380.6 | 91.13184 (15012109)   95.50280 (14110218)   101.18655 (14110218)   108.50593 (16110820)
115.81575 (16110820)
 4215360.6 | 87.34937 (15012109)   90.51490 (14110218)   95.57738 (14110218)   101.50728 (16110820)
108.41099 (16110820)
 4215340.6 | 84.00113 (15012109)   86.20456 (14120620)   90.58780 (14110218)   95.27911 (16110820)
101.84534 (16110820)
 4215320.6 | 80.95714 (15012109)   83.11648 (15012109)   86.12601 (14110218)   90.15453 (14110218)
95.90399 (16110820)
 4215300.6 | 77.47961 (15012918)   80.40839 (15012109)   82.10367 (14110218)   85.89507 (14110218)
90.45261 (16110820)
 4215280.6 | 76.65207 (15012918)   78.66268 (15012109)   79.03786 (14120620)   81.96185 (14110218)
85.47598 (16112022)
 4215260.6 | 74.19780 (15012918)   75.82970 (15012109)   76.45185 (15012109)   78.16805 (14120620)
81.66548 (16112022)
 4215240.6 | 71.77379 (15012918)   73.55759 (15012918)   73.99096 (15012109)   75.41104 (14120620)
78.02699 (16112022)
 4215220.6 | 69.38940 (15012918)   71.29875 (15012918)   72.69015 (15012109)   72.68116 (14120620)
74.61271 (14120620)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                               INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
                L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,

L0000364   ,
                L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4215200.6 | 67.03918 (15012918)   69.08851 (15012918)   70.01806 (15012109)   70.22315 (14120620)
72.12483 (14120620)
 4215180.6 | 64.73373 (15012918)   67.09701 (15012918)   67.86515 (15012918)   68.03160 (15012109)
69.81931 (14120620)
 4215160.6 | 62.52678 (15112021)   64.94695 (15012918)   65.98601 (15012918)   66.20712 (15012109)
67.49719 (14120620)
 4215140.6 | 60.95741 (15112021)   62.81492 (15012918)   64.13582 (15012918)   64.23735 (15012109)
65.44207 (14120620)
 4215120.6 | 59.42324 (15112021)   60.69783 (15012918)   62.51638 (15012918)   63.16966 (15012918)
63.67683 (15012109)
 4215100.6 | 57.92962 (14110908)   58.76966 (15012918)   60.69589 (15012918)   61.73958 (15012918)
63.32710 (15012109)
 4215080.6 | 56.91823 (14110908)   57.02175 (15112021)   59.05659 (15012918)   60.37988 (15012918)
61.64212 (15012109)
 4215060.6 | 55.92145 (14110908)   55.59312 (15112021)   57.24815 (15012918)   58.97759 (15012918)
59.78775 (15012109)
 4215040.6 | 54.93528 (14110908)   54.50277 (15112021)   55.78929 (15012918)   57.75955 (15012918)
58.65373 (15012918)
 4215020.6 | 53.95656 (14110908)   53.41601 (15112021)   54.49423 (15012918)   56.71463 (15012918)
57.80917 (15012918)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                                INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
                L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
                L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4216000.6 | 35.28902 (16110719)   33.68392 (15111317)   32.34453 (15111317)   31.08820 (15111317)
29.85783 (15111317)
 4215980.6 | 36.34577 (16110719)   34.65004 (15111317)   33.24053 (15111317)   31.90024 (15111317)
30.58439 (15111317)

 4215960.6 | 37.50965 (16110719)   35.70980 (15111317)   34.19944 (15111317)   32.76489 (15111317)
31.35267 (15111317)
 4215940.6 | 38.77417 (16110719)   36.85349 (15111317)   35.22889 (15111317)   33.68830 (15111317)
32.15108 (15111317)
 4215920.6 | 40.15336 (16110719)   38.09192 (15111317)   36.33778 (15111317)   34.67754 (15111317)
33.01542 (15111317)
 4215900.6 | 41.66402 (16110719)   39.43796 (15111317)   37.53662 (15111317)   35.74084 (15111317)
33.97030 (14111117)
 4215880.6 | 43.34883 (16110719)   40.90703 (15111317)   38.83798 (15111317)   36.87223 (14111117)
35.22128 (14111117)
 4215860.6 | 45.18881 (16110719)   42.51801 (15111317)   40.23624 (15111317)   38.25101 (14111117)
36.48346 (14111117)
 4215840.6 | 47.92977 (15111417)   44.86842 (15111417)   42.14856 (15111417)   39.72687 (15111417)
37.80632 (14111117)
 4215820.6 | 50.86948 (15111417)   47.54752 (15111417)   44.62105 (15111417)   42.01089 (15111417)
39.67942 (15111417)
 4215800.6 | 53.80293 (15111417)   50.18958 (15111417)   47.01813 (15111417)   44.22187 (15111417)
41.72275 (15111417)
 4215780.6 | 56.96110 (15111417)   52.95569 (15111417)   49.49898 (15111417)   46.45156 (15111417)
43.76507 (15111417)
 4215760.6 | 60.68372 (15111417)   56.11678 (15111417)   52.23455 (15111417)   48.85766 (15111417)
45.93086 (15111417)
 4215740.6 | 65.29800 (15111417)   59.96178 (15111417)   55.46867 (15111417)   51.63335 (15111417)
48.35119 (15111417)
 4215720.6 | 70.94530 (15111417)   64.60527 (15111417)   59.33907 (15111417)   54.90698 (15111417)
51.15996 (15111417)
 4215700.6 | 78.01999 (16112317)   70.04404 (15111417)   63.85627 (15111417)   58.69870 (15111417)
54.38659 (15111417)
 4215680.6 | 86.74675 (16112317)   76.92848 (16112317)   69.13076 (16112317)   62.97233 (15111417)
57.99656 (15111417)
 4215660.6 | 97.52978 (16112317)   85.21885 (16112317)   75.74833 (16112317)   68.19027 (16112317)
61.99013 (16112317)
 4215640.6 | 111.21929 (16112317)   95.30305 (16112317)   83.55081 (16112317)   74.44840 (16112317)
67.15046 (16112317)
 4215620.6 | 129.71495 (16112317)   108.00279 (16112317)   92.94158 (16112317)   81.73157 (16112317)
73.00841 (16112317)
 4215600.6 | 159.61327 (16112806)   125.28354 (16112317)   104.84101 (16112317)   90.51399 (16112317)
79.80307 (16112317)
 4215580.6 | 219.73722 (17010206)   153.60175 (16112806)   121.23527 (16112317)   101.76123 (16112317)
88.05127 (16112317)
 4215560.6 | 246.33488 (16110219)   207.24117 (16112806)   148.21405 (16112806)   117.23062 (16112317)
98.63426 (16112317)
 4215540.6 | 262.92170 (13112817)   241.67874 (16110219)   192.93912 (17010206)   143.11238 (16112806)
113.83543 (16112806)
 4215520.6 | 341.41362 (16111220)   259.87629 (13112817)   234.90708 (14012919)   187.07121 (16112317)
138.60363 (16112806)
 4215500.6 | 367.68698 (14013006)   338.33076 (16111220)   251.63394 (16111321)   230.31917 (14012919)
185.29972 (16112806)
 4215480.6 | 303.32888 (14110717)   302.17998 (16111220)   336.62710 (16111220)   252.33550 (16111321)
243.00359 (14012919)
 4215460.6 | 231.17592 (14110717)   294.34517 (14110717)   366.24112 (16111220)   329.99799 (16111220)
260.95429 (16111321)
 4215440.6 | 188.86382 (14110717)   229.70783 (14110717)   273.92437 (16111418)   301.48792 (16111220)
246.86017 (13112817)
 4215420.6 | 159.18304 (14110717)   190.05411 (14110717)   221.38430 (14110717)   252.44679 (16111220)
242.59926 (16111220)
 4215400.6 | 141.47834 (16111419)   162.01474 (14110717)   188.29214 (14110717)   210.70535 (16111418)
224.86111 (16111220)
 4215380.6 | 128.09063 (16111419)   141.92919 (15120707)   163.18018 (14110717)   181.51978 (14110717)
196.00049 (16111220)
 4215360.6 | 117.04674 (13111221)   128.91871 (16111419)   142.64229 (14110717)   161.29306 (14110717)
172.94491 (16111418)
 4215340.6 | 107.95284 (13111221)   118.16387 (16111419)   128.84109 (15120707)   143.37656 (14110717)
155.02806 (14110717)
 4215320.6 | 101.65227 (16110820)   108.97038 (13111221)   118.67131 (16111419)   127.86922 (16111207)
141.20103 (14110717)
 4215300.6 | 96.09718 (16110820)   101.15782 (13111221)   109.73663 (16111419)   117.87040 (15120707)
128.07422 (14110717)
 4215280.6 | 90.94403 (16110820)   95.71658 (16110820)   101.98156 (13111221)   109.74094 (16111419)

116.04349 (16111207)
 4215260.6 | 86.07550 (16110820)   90.94774 (16110820)   95.26106 (13111221)   102.33296 (16111419)
108.42612 (15120707)
 4215240.6 | 81.42854 (16110820)   86.48086 (16110820)   90.31726 (16110820)   95.77879 (13111221)
101.81419 (16111419)
 4215220.6 | 78.04925 (16112022)   82.23984 (16110820)   86.24746 (16110820)   90.04406 (13111221)
95.74575 (16111419)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                                INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
                L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
                L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
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- - - - - - - -

 4215200.6 | 74.87920 (16112022)   78.33136 (16110820)   82.40949 (16110820)   85.14412 (16110820)
90.10620 (13111221)
 4215180.6 | 71.87177 (16112022)   74.76351 (16112022)   78.81574 (16110820)   81.76144 (16110820)
85.33846 (13111221)
 4215160.6 | 69.12697 (14120620)   72.06290 (16112022)   75.41634 (16110820)   78.56798 (16110820)
80.86900 (13111221)
 4215140.6 | 67.11060 (14120620)   69.52411 (16112022)   72.19246 (16110820)   75.46926 (16110820)
77.44999 (16110820)
 4215120.6 | 65.24045 (14120620)   67.16269 (14110218)   69.28807 (16112022)   72.53043 (16110820)
74.77099 (16110820)
 4215100.6 | 63.81627 (14120620)   64.74850 (14110218)   67.09920 (16112022)   69.54160 (16110820)
72.12256 (16110820)
 4215080.6 | 63.09926 (15012109)   63.60346 (14120620)   64.86606 (16112022)   66.56943 (16110820)
69.47721 (16110820)
 4215060.6 | 61.65819 (15012109)   62.71712 (14120620)   62.91451 (14110218)   64.42400 (16112022)
66.82960 (16110820)
 4215040.6 | 60.19387 (15012109)   61.05778 (14120620)   62.74338 (14110218)   62.57326 (16112022)
64.35892 (16110820)
 4215020.6 | 58.87657 (15012109)   59.79511 (15012109)   60.77947 (14110218)   61.78791 (14110218)
61.96924 (16112022)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                                INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
                L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,

L0000364   ,
                L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539345.17	539365.17	539385.17	539405.17	539425.17
4216000.6	28.59423 (15111317)	27.51847 (13110717)	26.65467 (13110717)	25.81858 (13110717)	25.03738 (13110717)
4215980.6	29.20858 (15111317)	28.15548 (13110717)	27.24772 (13110717)	26.38271 (13110717)	25.56628 (13110717)
4215960.6	29.87562 (15112117)	28.81400 (13110717)	27.85057 (13110717)	26.94644 (13110717)	26.10707 (13110717)
4215940.6	30.60539 (13110717)	29.51053 (13110717)	28.48876 (13110717)	27.55809 (13110717)	26.69583 (13110717)
4215920.6	31.41309 (13110717)	30.24852 (13110717)	29.17817 (13110717)	28.20547 (13110717)	27.31871 (13110717)
4215900.6	32.54561 (14111117)	31.25290 (14111117)	30.05401 (14111117)	28.98315 (14111117)	27.99443 (13110717)
4215880.6	33.69707 (14111117)	32.31832 (14111117)	31.05542 (14111117)	29.90647 (14111117)	28.85773 (14111117)
4215860.6	34.86954 (14111117)	33.41511 (14111117)	32.07347 (14111117)	30.85546 (14111117)	29.73436 (14111117)
4215840.6	36.09542 (14111117)	34.54396 (14111117)	33.13044 (14111117)	31.83720 (14111117)	30.63735 (14111117)
4215820.6	37.57308 (15111417)	35.76780 (14111117)	34.25504 (14111117)	32.86175 (14111117)	31.58596 (14111117)
4215800.6	39.49941 (15111417)	37.48364 (15111417)	35.64708 (15111417)	33.97698 (14111117)	32.59759 (14111117)
4215780.6	41.39118 (15111417)	39.25039 (15111417)	37.30797 (15111417)	35.51828 (15111417)	33.87031 (15111417)
4215760.6	43.35300 (15111417)	41.04833 (15111417)	38.97258 (15111417)	37.06365 (15111417)	35.33376 (15111417)
4215740.6	45.49404 (15111417)	42.96699 (15111417)	40.71278 (15111417)	38.65846 (15111417)	36.81044 (15111417)
4215720.6	47.93579 (15111417)	45.11559 (15111417)	42.62566 (15111417)	40.39045 (15111417)	38.37663 (15111417)
4215700.6	50.71520 (15111417)	47.52351 (15111417)	44.74591 (15111417)	42.27480 (15111417)	40.07874 (15111417)
4215680.6	53.78986 (15111417)	50.18572 (15111417)	47.06370 (15111417)	44.32091 (15111417)	41.91459 (15111417)
4215660.6	57.14166 (15111417)	53.06654 (15111417)	49.55579 (15111417)	46.52622 (15111417)	43.87476 (15111417)
4215640.6	61.13925 (16112317)	56.14715 (15111417)	52.20682 (15111417)	48.84224 (15111417)	45.93717 (15111417)
4215620.6	65.98078 (16112317)	60.16613 (16112317)	55.28556 (16112317)	51.32036 (15111417)	48.10957 (15111417)
4215600.6	71.44727 (16112317)	64.70276 (16112317)	59.12947 (16112317)	54.49687 (16112317)	50.54513 (16112317)
4215580.6	77.80664 (16112317)	69.81346 (16112317)	63.38834 (16112317)	58.10959 (16112317)	53.69045 (16112317)
4215560.6	85.54070 (16112317)	75.76471 (16112317)	68.18463 (16112317)	62.10999 (16112317)	57.11503 (16112317)
4215540.6	95.30197 (16112317)	83.09593 (15110121)	73.98782 (15110121)	66.78419 (15110121)	60.94356 (16112317)
4215520.6	110.51623 (16112806)	92.99813 (15110121)	81.53954 (15110121)	72.84391 (15110121)	65.95066 (15110121)
4215500.6	134.77132 (16112806)	107.91975 (16112806)	91.71899 (15110121)	80.49679 (15110121)	72.03242 (15110121)
4215480.6	169.83091 (16112806)	130.58790 (16112806)	105.99637 (16112806)	90.48333 (15110121)	

79.69814 (15110121)
 4215460.6 | 199.51489 (14012919)   151.99973 (17010206)   123.57291 (16112806)   103.27234 (16112806)
88.09997 (16112806)
 4215440.6 | 204.82703 (17012308)   169.17270 (14012919)   133.67752 (14012919)   114.69729 (17010206)
98.85580 (16112806)
 4215420.6 | 199.00707 (13112817)   170.09692 (17012308)   146.98895 (16110219)   122.28515 (14012919)
105.47580 (17010206)
 4215400.6 | 194.56464 (16111220)   167.05238 (13112817)   146.05007 (17012308)   130.03029 (16110219)
112.00537 (14012919)
 4215380.6 | 195.12311 (16111220)   157.40186 (16111220)   144.01201 (13112817)   128.27331 (17012308)
116.44829 (16110219)
 4215360.6 | 181.23540 (16111220)   167.32454 (16111220)   135.67113 (13112817)   126.78197 (14012921)
114.46967 (17012308)
 4215340.6 | 162.67319 (16111418)   164.00279 (16111220)   142.94976 (16111220)   121.78072 (13112817)
113.41507 (14012921)
 4215320.6 | 147.07431 (16111418)   151.90985 (16111220)   146.24041 (16111220)   122.24686 (16111220)
110.17888 (13112817)
 4215300.6 | 135.48924 (14110717)   139.82994 (16111418)   141.05976 (16111220)   129.38272 (16111220)
105.01086 (16111220)
 4215280.6 | 125.73442 (14110717)   127.91955 (16111418)   130.63045 (13011321)   129.13155 (16111220)
114.14019 (16111220)
 4215260.6 | 115.43778 (14110717)   120.42711 (14110717)   122.77232 (16111418)   123.22966 (16111220)
117.29989 (16111220)
 4215240.6 | 106.13010 (16111207)   113.11363 (14110717)   113.75972 (16111122)   115.64924 (16111418)
115.09080 (16111220)
 4215220.6 | 100.04193 (15120707)   105.09765 (14110717)   108.59421 (14110717)   109.18018 (16111418)
108.86183 (16111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                               INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
                L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
                L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
 -
- - - - - - - -

 4215200.6 | 94.61270 (16111419)   97.49588 (16111207)   102.87152 (14110717)   102.75419 (16111122)
104.05162 (16111418)
 4215180.6 | 89.76482 (16111419)   92.65654 (15120707)   96.18594 (14110717)   98.90177 (14110717)
98.26619 (16111418)
 4215160.6 | 84.92650 (16111419)   88.06457 (16111419)   90.10355 (16111207)   94.16071 (14110717)
93.58961 (16111122)
 4215140.6 | 80.80798 (13111221)   84.20264 (16111419)   86.02374 (15120707)   88.71761 (14110717)
90.66980 (14110717)
 4215120.6 | 76.79818 (13111221)   80.11666 (16111419)   82.26453 (15120707)   83.56267 (16111207)
86.71863 (14110717)
 4215100.6 | 73.19830 (16110820)   76.45508 (13111221)   79.04356 (16111419)   80.20635 (15120707)
82.10952 (14110717)
 4215080.6 | 71.01976 (16110820)   73.14059 (13111221)   75.73705 (16111419)   77.15650 (15120707)

78.03575 (16111207)
 4215060.6 | 68.81157 (16110820)   69.68953 (13111221)   72.45011 (13111221)   74.35096 (16111419)
74.97195 (15120707)
 4215040.6 | 66.66363 (16110820)   67.33003 (16110820)   69.57665 (13111221)   71.64805 (16111419)
72.52005 (15120707)
 4215020.6 | 64.53068 (16110820)   65.57615 (16110820)   66.56849 (13111221)   68.63164 (16111419)
69.95967 (16111419)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                                INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
                L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
                L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4216000.6 | 24.31752 (13110717)   23.63236 (13110717)   23.00026 (13110717)   22.39553 (13110717)
21.83701 (13110717)
 4215980.6 | 24.81564 (13110717)   24.10293 (13110717)   23.43513 (13110717)   22.81972 (13110717)
22.23025 (13110717)
 4215960.6 | 25.32598 (13110717)   24.59741 (13110717)   23.91628 (13110717)   23.26663 (13110717)
22.65619 (13110717)
 4215940.6 | 25.88252 (13110717)   25.13663 (13110717)   24.41673 (13110717)   23.74201 (13110717)
23.10824 (13110717)
 4215920.6 | 26.48226 (13110717)   25.70335 (13110717)   24.95238 (13110717)   24.24878 (13110717)
23.60010 (13110717)
 4215900.6 | 27.12940 (13110717)   26.31144 (13110717)   25.52394 (13110717)   24.78657 (13110717)
24.10683 (13110717)
 4215880.6 | 27.87687 (14111117)   26.96703 (14111117)   26.11595 (13110717)   25.35225 (13110717)
24.63698 (13110717)
 4215860.6 | 28.69918 (14111117)   27.74055 (14111117)   26.84046 (14111117)   26.00262 (14111117)
25.23047 (14111117)
 4215840.6 | 29.53183 (14111117)   28.52170 (14111117)   27.58539 (14111117)   26.71520 (14111117)
25.90449 (14111117)
 4215820.6 | 30.41357 (14111117)   29.33266 (14111117)   28.34510 (14111117)   27.44013 (14111117)
26.58773 (14111117)
 4215800.6 | 31.34755 (14111117)   30.18494 (14111117)   29.15182 (14111117)   28.19506 (14111117)
27.30663 (14111117)
 4215780.6 | 32.36492 (15111417)   31.12910 (14111117)   30.02643 (14111117)   29.00852 (14111117)
28.06608 (14111117)
 4215760.6 | 33.74058 (15111417)   32.28534 (15111417)   30.96040 (15111417)   29.84798 (14111117)
28.84648 (14111117)
 4215740.6 | 35.11956 (15111417)   33.58353 (15111417)   32.19142 (15111417)   30.90610 (15111417)
29.71497 (15111417)
 4215720.6 | 36.55858 (15111417)   34.91851 (15111417)   33.44124 (15111417)   32.08489 (15111417)
30.83394 (15111417)
 4215700.6 | 38.10216 (15111417)   36.33177 (15111417)   34.74745 (15111417)   33.29340 (15111417)
31.96906 (15111417)
 4215680.6 | 39.76516 (15111417)   37.84198 (15111417)   36.12074 (15111417)   34.56118 (15111417)

33.14013 (15111417)
 4215660.6 | 41.53480 (15111417)   39.44292 (15111417)   37.58059 (15111417)   35.89218 (15111417)
34.37123 (15111417)
 4215640.6 | 43.37859 (15111417)   41.11776 (15111417)   39.09358 (15111417)   37.27814 (15111417)
35.63948 (15111417)
 4215620.6 | 45.32035 (15111417)   42.86192 (15111417)   40.67538 (15111417)   38.71312 (15111417)
36.94847 (15111417)
 4215600.6 | 47.38813 (15111417)   44.71264 (15111417)   42.33293 (15111417)   40.22040 (15111417)
38.33005 (15111417)
 4215580.6 | 49.91467 (16112317)   46.71044 (15111417)   44.11340 (15111417)   41.82492 (15111417)
39.80105 (15111417)
 4215560.6 | 52.91152 (16112317)   49.30899 (16112317)   46.15931 (16112317)   43.58625 (15111417)
41.38802 (15111417)
 4215540.6 | 56.20615 (16112317)   52.20193 (16112317)   48.75027 (16112317)   45.73218 (16112317)
43.16970 (15111417)
 4215520.6 | 60.29780 (15110121)   55.53841 (15110121)   51.60899 (16112317)   48.28275 (16112317)
45.36039 (16112317)
 4215500.6 | 65.33032 (15110121)   59.83916 (15110121)   55.21714 (15110121)   51.23617 (15110121)
47.85659 (16112317)
 4215480.6 | 71.45118 (15110121)   64.88904 (15110121)   59.50629 (15110121)   54.97450 (15110121)
51.07778 (15110121)
 4215460.6 | 77.84810 (15110121)   70.39310 (15110121)   64.24408 (15110121)   59.09275 (15110121)
54.71103 (15110121)
 4215440.6 | 86.08397 (16112806)   75.54747 (16112806)   68.03402 (15110121)   62.82950 (15110121)
58.23246 (15110121)
 4215420.6 | 92.98875 (17010206)   82.98067 (16112806)   73.97852 (16112806)   66.11829 (16112806)
60.25885 (15110121)
 4215400.6 | 96.02417 (17010206)   87.51621 (17010206)   78.90178 (16112806)   71.70572 (16112806)
64.90361 (16112806)
 4215380.6 | 102.86266 (14012919)   88.59971 (14012919)   81.64988 (17010206)   74.86282 (17010206)
68.79872 (16112806)
 4215360.6 | 105.30929 (16110219)   94.78646 (14012919)   83.52878 (14012919)   75.73907 (17010206)
70.96847 (17010206)
 4215340.6 | 103.39738 (17012308)   95.99646 (16110219)   87.69432 (14012919)   78.76964 (14012919)
70.00618 (17010206)
 4215320.6 | 102.51563 (14012921)   94.27026 (17012308)   88.17344 (16110219)   81.45829 (16110219)
74.31337 (14012919)
 4215300.6 | 100.43090 (13112817)   93.50336 (14012921)   86.71003 (17012308)   81.46322 (16110219)
76.19919 (16110219)
 4215280.6 | 95.73137 (13112207)   92.12431 (13112817)   85.94746 (14012921)   80.24548 (17012308)
75.67306 (16110219)
 4215260.6 | 100.80949 (16111220)   88.05232 (13112207)   85.01167 (13112817)   79.50364 (14012921)
74.68306 (17012308)
 4215240.6 | 105.98005 (16111220)   89.16018 (16111220)   81.41669 (13112817)   78.84306 (13112817)
73.92659 (14012921)
 4215220.6 | 106.54809 (16111220)   95.53283 (16111220)   79.01373 (16111220)   76.25899 (13112817)
73.42721 (13112817)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                               INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
                L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
                L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                    *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                         ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       539445.17              539465.17              539485.17              539505.17
539525.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |    103.25996 (16111220)     98.08483 (16111220)     86.06422 (16111220)     74.01617 (13112207)
71.60603 (13112817)
 4215180.6 |     97.92886 (13011321)     97.09022 (16111220)     89.92907 (16111220)     77.56952 (16111220)
69.44422 (13112207)
 4215160.6 |     94.25804 (16111418)     93.19402 (16111220)     90.67465 (16111220)     82.24178 (16111220)
70.02063 (16111220)
 4215140.6 |     89.09253 (16111418)     89.45953 (16111418)     88.65713 (16111220)     84.27497 (16111220)
75.14596 (16111220)
 4215120.6 |     86.03883 (14110717)     86.14247 (16111418)     84.94117 (13011321)     83.79032 (16111220)
78.08762 (16111220)
 4215100.6 |     83.69997 (14110717)     81.91184 (16111122)     82.42848 (16111418)     81.23535 (16111220)
78.81524 (16111220)
 4215080.6 |     80.46460 (14110717)     79.68548 (14110717)     79.17841 (16111418)     78.19040 (16111418)
77.50818 (16111220)
 4215060.6 |     76.36750 (14110717)     77.78310 (14110717)     76.00598 (16111122)     76.18966 (16111418)
74.59462 (13011321)
 4215040.6 |     73.02407 (16111207)     74.87829 (14110717)     74.32299 (14110717)     73.02985 (16111418)
72.81070 (16111418)
 4215020.6 |     70.21785 (15120707)     71.81643 (14110717)     72.56799 (14110717)     70.84514 (16111122)
70.78348 (16111418)
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 494
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CAR3
***
                                INCLUDING SOURCE(S):     L0000352    , L0000353    , L0000354    , L0000355    ,
L0000356    ,
                L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    , L0000363    ,
L0000364    ,
                L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    , L0000371    ,
L0000372    ,
                L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       539545.17              539565.17              539585.17              539605.17
539625.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |     21.32116 (13110717)     20.83426 (13110717)     20.38351 (13110717)     19.95977 (13110917)
19.53017 (13110917)
 4215980.6 |     21.69707 (13110717)     21.20454 (13110717)     20.72996 (13110917)     20.29227 (13110917)
19.84667 (13110917)
 4215960.6 |     22.10409 (13110717)     21.58355 (13110717)     21.09181 (13110717)     20.62643 (13110717)
20.16588 (13110717)
 4215940.6 |     22.52340 (13110717)     21.98334 (13110717)     21.47321 (13110717)     20.98016 (13110717)
20.50261 (13110717)
 4215920.6 |     22.97838 (13110717)     22.40385 (13110717)     21.86148 (13110717)     21.34856 (13110717)
20.85193 (13110717)
 4215900.6 |     23.45615 (13110717)     22.84318 (13110717)     22.27647 (13110717)     21.72962 (13110717)
21.21196 (13110717)
 4215880.6 |     23.95363 (13110717)     23.31076 (13110717)     22.71691 (13110717)     22.14505 (13110717)
```

21.60451 (13110717)
 4215860.6 | 24.49000 (14111117)   23.80517 (14111117)   23.16960 (13110717)   22.57125 (13110717)
22.00669 (13110717)
 4215840.6 | 25.13810 (14111117)   24.41153 (14111117)   23.72987 (14111117)   23.08914 (14111117)
22.49514 (14111117)
 4215820.6 | 25.79313 (14111117)   25.03165 (14111117)   24.31828 (14111117)   23.65829 (14111117)
23.02848 (14111117)
 4215800.6 | 26.46972 (14111117)   25.66984 (14111117)   24.92186 (14111117)   24.23079 (14111117)
23.57255 (14111117)
 4215780.6 | 27.17141 (14111117)   26.32914 (14111117)   25.55331 (14111117)   24.81826 (14111117)
24.12925 (14111117)
 4215760.6 | 27.89955 (14111117)   27.02111 (14111117)   26.19397 (14111117)   25.42204 (14111117)
24.69992 (14111117)
 4215740.6 | 28.65415 (14111117)   27.72580 (14111117)   26.85436 (14111117)   26.04299 (14111117)
25.29574 (14111117)
 4215720.6 | 29.66870 (15111417)   28.57264 (15111417)   27.55051 (15111417)   26.68244 (14111117)
25.89792 (14111117)
 4215700.6 | 30.74158 (15111417)   29.59176 (15111417)   28.52360 (15111417)   27.52775 (15111417)
26.60387 (15111417)
 4215680.6 | 31.83849 (15111417)   30.62419 (15111417)   29.50110 (15111417)   28.45816 (15111417)
27.49441 (15111417)
 4215660.6 | 32.97559 (15111417)   31.68762 (15111417)   30.50137 (15111417)   29.40409 (15111417)
28.39418 (15111417)
 4215640.6 | 34.15171 (15111417)   32.78357 (15111417)   31.52802 (15111417)   30.37063 (15111417)
29.30924 (15111417)
 4215620.6 | 35.36310 (15111417)   33.90988 (15111417)   32.58051 (15111417)   31.35872 (15111417)
30.24179 (15111417)
 4215600.6 | 36.63816 (15111417)   35.09355 (15111417)   33.68503 (15111417)   32.39417 (15111417)
31.21686 (15111417)
 4215580.6 | 37.97673 (15111417)   36.32954 (15111417)   34.83305 (15111417)   33.47746 (15111417)
32.22246 (15111417)
 4215560.6 | 39.41916 (15111417)   37.65051 (15111417)   36.06248 (15111417)   34.60682 (15111417)
33.27504 (15111417)
 4215540.6 | 41.01798 (15111417)   39.09660 (15111417)   37.38016 (15111417)   35.81504 (15111417)
34.38948 (15111417)
 4215520.6 | 42.77050 (16112317)   40.66007 (15111417)   38.77040 (15111417)   37.07086 (15111417)
35.53237 (15111417)
 4215500.6 | 45.02653 (16112317)   42.51467 (14010920)   40.34652 (14010920)   38.38829 (14010920)
36.61889 (14010920)
 4215480.6 | 47.66074 (15110121)   44.72110 (14010920)   42.34945 (14010920)   40.23815 (14010920)
38.31900 (14010920)
 4215460.6 | 50.91568 (15110121)   47.57093 (15110121)   44.59504 (15110121)   42.03606 (14010920)
39.99698 (14010920)
 4215440.6 | 54.18161 (15110121)   50.59108 (15110121)   47.39509 (15110121)   44.52046 (15110121)
41.92152 (15110121)
 4215420.6 | 56.57640 (15110121)   53.11482 (15110121)   49.90798 (15110121)   46.97266 (15110121)
44.27619 (15110121)
 4215400.6 | 58.73791 (16112806)   53.97812 (15110121)   51.33956 (15110121)   48.71322 (15110121)
46.18069 (15110121)
 4215380.6 | 63.20110 (16112806)   57.79440 (16112806)   52.76978 (16112806)   48.84289 (15110121)
46.92366 (15110121)
 4215360.6 | 65.40881 (16112806)   61.04709 (16112806)   56.49709 (16112806)   52.04253 (16112806)
47.83177 (16112806)
 4215340.6 | 66.90765 (17010206)   62.64258 (17010206)   58.53200 (16112806)   54.86350 (16112806)
51.04284 (16112806)
 4215320.6 | 66.10600 (14012919)   62.83326 (17010206)   59.75603 (17010206)   55.93704 (17010206)
52.95036 (16112806)
 4215300.6 | 70.18645 (14012919)   63.25175 (14012919)   58.84742 (17010206)   56.78376 (17010206)
53.83267 (17010206)
 4215280.6 | 71.49498 (16110219)   66.37804 (14012919)   60.52565 (14012919)   55.02239 (17010206)
53.80005 (17010206)
 4215260.6 | 70.59862 (16110219)   67.28900 (16110219)   62.87288 (14012919)   57.92050 (14012919)
52.38617 (14012919)
 4215240.6 | 69.82360 (17012308)   66.13445 (16110219)   63.49480 (16110219)   59.64773 (14012919)
55.45142 (14012919)
 4215220.6 | 69.03830 (14012921)   65.55645 (17012308)   62.16683 (16110219)   60.06079 (16110219)
56.67143 (14012919)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                              INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
               L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
               L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
               L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                              *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4215200.6 | 68.63665 (13112817)   64.75327 (14012921)   61.76269 (17012308)   58.62751 (16110219)
56.94748 (16110219)
 4215180.6 | 67.40707 (13112817)   64.45748 (14012921)   60.92176 (14012921)   58.39516 (17012308)
55.45314 (16110219)
 4215160.6 | 65.29543 (13112207)   63.60530 (13112817)   60.85128 (14012921)   57.57263 (16111321)
55.34766 (17012308)
 4215140.6 | 63.46551 (15111706)   61.48418 (13112207)   60.16859 (13112817)   57.62088 (14012921)
54.58953 (16111321)
 4215120.6 | 68.65696 (16111220)   60.14582 (13112207)   58.00118 (13112207)   57.03480 (13112817)
54.69890 (14012921)
 4215100.6 | 72.21066 (16111220)   62.66791 (16111220)   57.17371 (13112207)   55.30870 (13112817)
54.17762 (13112817)
 4215080.6 | 73.85206 (16111220)   66.60564 (16111220)   57.25718 (16111220)   54.38388 (13112207)
52.83067 (13112817)
 4215060.6 | 73.63535 (16111220)   68.92116 (16111220)   61.39790 (16111220)   53.02300 (15111706)
51.76597 (13112207)
 4215040.6 | 71.73556 (16111220)   69.64425 (16111220)   64.25518 (16111220)   56.65755 (16111220)
50.50759 (13112207)
 4215020.6 | 69.44439 (13011321)   68.72991 (16111220)   65.58316 (16111220)   59.82505 (16111220)
52.30492 (16111220)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                              INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
               L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
               L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
               L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                              *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.6	19.12092 (13110917)	18.73996 (13110917)	18.36692 (13110917)	18.01011 (13110917)	17.67757 (13110917)
4215980.6	19.43200 (13110917)	19.02710 (13110917)	18.64219 (13110717)	18.28485 (13110717)	17.93482 (13110717)
4215960.6	19.73806 (13110717)	19.32173 (13110717)	18.92509 (13110717)	18.56527 (13110717)	18.21273 (13110717)
4215940.6	20.05929 (13110717)	19.62791 (13110717)	19.22697 (13110717)	18.84482 (13110717)	18.48942 (13110717)
4215920.6	20.39131 (13110717)	19.94333 (13110717)	19.52737 (13110717)	19.14113 (13110717)	18.77269 (13110717)
4215900.6	20.73244 (13110717)	20.26654 (13110717)	19.83450 (13110717)	19.44402 (13110717)	19.07146 (13110717)
4215880.6	21.10424 (13110717)	20.61914 (13110717)	20.16964 (13110717)	19.75300 (13110717)	19.36623 (13110717)
4215860.6	21.48477 (13110717)	20.97977 (13110717)	20.51215 (13110717)	20.07884 (13110717)	19.66632 (13110717)
4215840.6	21.92599 (14111117)	21.38826 (14111117)	20.88836 (14111117)	20.41476 (14111117)	19.96542 (14111117)
4215820.6	22.43509 (14111117)	21.87503 (14111117)	21.35476 (14111117)	20.85337 (14111117)	20.38676 (14111117)
4215800.6	22.95322 (14111117)	22.37894 (14111117)	21.82764 (14111117)	21.30620 (14111117)	20.81222 (14111117)
4215780.6	23.48205 (14111117)	22.88263 (14111117)	22.30818 (14111117)	21.76551 (14111117)	21.26125 (14111117)
4215760.6	24.03282 (14111117)	23.39659 (14111117)	22.79752 (14111117)	22.23232 (14111117)	21.70754 (14111117)
4215740.6	24.58689 (14111117)	23.92192 (14111117)	23.29667 (14111117)	22.71721 (14111117)	22.16069 (14111117)
4215720.6	25.15537 (14111117)	24.45976 (14111117)	23.81642 (14111117)	23.20113 (14111117)	22.62030 (14111117)
4215700.6	25.73004 (15111417)	25.00034 (14111117)	24.31594 (14111117)	23.68183 (14111117)	23.08322 (14111117)
4215680.6	26.58520 (15111417)	25.73219 (15111417)	24.93760 (15111417)	24.18824 (15111417)	23.52965 (14111117)
4215660.6	27.44419 (15111417)	26.55561 (15111417)	25.73048 (15111417)	24.96225 (15111417)	24.22957 (15111417)
4215640.6	28.31357 (15111417)	27.38500 (15111417)	26.52545 (15111417)	25.72754 (15111417)	24.98434 (15111417)
4215620.6	29.19653 (15111417)	28.22427 (15111417)	27.32688 (15111417)	26.50540 (15111417)	25.73299 (15111417)
4215600.6	30.11810 (15111417)	29.09844 (15111417)	28.15923 (15111417)	27.30107 (15111417)	26.49591 (15111417)
4215580.6	31.06521 (15111417)	29.99382 (15111417)	29.00893 (15111417)	28.11059 (15111417)	27.26947 (15111417)
4215560.6	32.05076 (15111417)	30.93157 (15111417)	29.88380 (15111417)	28.94006 (15111417)	28.05844 (15111417)
4215540.6	33.09585 (15111417)	31.89516 (15111417)	30.79702 (15111417)	29.79931 (15111417)	28.87002 (15111417)
4215520.6	34.14356 (15111417)	32.86136 (15111417)	31.69361 (15111417)	30.63638 (15111417)	29.64590 (15111417)
4215500.6	35.03833 (15111417)	33.68410 (15111417)	32.45578 (15111417)	31.33692 (15111417)	30.30307 (15111417)
4215480.6	36.57181 (14010920)	34.97049 (14010920)	33.50677 (14010920)	32.15015 (14010920)	30.92568 (13111506)
4215460.6	38.14506 (14010920)	36.46590 (14010920)	34.91018 (14010920)	33.48516 (14010920)	32.16206 (14010920)
4215440.6	39.55453 (15110121)	37.76435 (14010920)	36.17549 (14010920)	34.70160 (14010920)	33.34276 (14010920)
4215420.6	41.81365 (15110121)	39.53931 (15110121)	37.43918 (15110121)	35.59418 (14010920)	34.27283 (14010920)
4215400.6	43.76838 (15110121)	41.49822 (15110121)	39.37045 (15110121)	37.38888 (15110121)	35.52358 (15110121)

 4215380.6 | 44.90850 (15110121)   42.88559 (15110121)   40.91357 (15110121)   38.99920 (15110121)
37.16650 (15110121)
 4215360.6 | 44.55852 (15110121)   43.14562 (15110121)   41.60313 (15110121)   39.98442 (15110121)
38.34926 (15110121)
 4215340.6 | 47.26786 (16112806)   43.65601 (16112806)   40.94837 (15110121)   39.90791 (15110121)
38.70397 (15110121)
 4215320.6 | 49.77802 (16112806)   46.47950 (16112806)   43.21807 (16112806)   40.07436 (16112806)
37.84095 (15110121)
 4215300.6 | 50.81374 (16112806)   48.28065 (16112806)   45.49109 (16112806)   42.60135 (16112806)
39.73387 (16112806)
 4215280.6 | 51.61225 (17010206)   48.81409 (17010206)   46.60818 (16112806)   44.31234 (16112806)
41.81723 (16112806)
 4215260.6 | 50.85407 (17010206)   49.33045 (17010206)   47.13512 (17010206)   44.79314 (16112806)
42.97889 (16112806)
 4215240.6 | 50.59359 (14012919)   47.99538 (17010206)   47.05150 (17010206)   45.38513 (17010206)
43.23225 (17010206)
 4215220.6 | 53.11241 (14012919)   48.85394 (14012919)   45.26326 (17010206)   44.79664 (17010206)
43.60436 (17010206)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                               INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
                L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
                L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
                L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 53.92493 (14012919)   50.90705 (14012919)   47.16946 (14012919)   43.09843 (14012919)
42.59759 (17010206)
 4215180.6 | 54.10875 (16110219)   51.41642 (16110219)   48.82852 (14012919)   45.55005 (14012919)
41.89221 (14012919)
 4215160.6 | 52.67148 (13120720)   51.52131 (16110219)   49.21542 (16110219)   46.87310 (14012919)
43.99274 (14012919)
 4215140.6 | 52.61947 (17012308)   50.19387 (13120720)   49.14394 (16110219)   47.16508 (16110219)
45.02927 (14012919)
 4215120.6 | 51.88964 (16111321)   50.12247 (17012308)   47.93644 (13120720)   46.95838 (16110219)
45.25601 (16110219)
 4215100.6 | 52.03325 (14012921)   49.44154 (17012308)   47.85187 (17012308)   45.85978 (13120720)
44.93963 (16110219)
 4215080.6 | 51.55431 (13112817)   49.57674 (14012921)   47.24636 (17012308)   45.75826 (17012308)
43.94212 (13120720)
 4215060.6 | 50.50431 (13112817)   49.12343 (13112817)   47.33367 (14012921)   45.21983 (17012308)
43.83269 (17012308)
 4215040.6 | 49.31783 (13112207)   48.34274 (13112817)   46.87550 (13112817)   45.25055 (14012921)
43.35191 (17012308)
 4215020.6 | 48.41067 (13112207)   47.01936 (13112207)   46.31117 (13112817)   44.79671 (13112817)
43.32982 (14012921)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR3
***
                              INCLUDING SOURCE(S):   L0000352   , L0000353   , L0000354   , L0000355   ,
L0000356   ,
               L0000357   , L0000358   , L0000359   , L0000360   , L0000361   , L0000362   , L0000363   ,
L0000364   ,
               L0000365   , L0000366   , L0000367   , L0000368   , L0000369   , L0000370   , L0000371   ,
L0000372   ,
               L0000373   , L0000374   , L0000375   , L0000376   , L0000377   , L0000378   , L0000379   ,
. . .   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
       539341.84   4215428.70   208.54670 (13112817)   539351.84   4215428.70   190.76747
(17012308)
       539361.84   4215428.70   176.00950 (16110219)   539371.84   4215428.70   163.07743
(16110219)
       539381.84   4215428.70   148.34516 (14012919)   539341.84   4215438.70   211.29874
(16111321)
       539351.84   4215438.70   193.28596 (16110219)   539361.84   4215438.70   176.45304
(16110219)
       539371.84   4215438.70   158.49469 (14012919)   539381.84   4215438.70   141.22832
(14012919)
       539341.84   4215448.70   214.58885 (16110219)   539351.84   4215448.70   192.27926
(16110219)
       539361.84   4215448.70   169.92622 (14012919)   539371.84   4215448.70   148.84610
(14012919)
       539381.84   4215448.70   135.34392 (17010206)   539341.84   4215458.70   211.33366
(16110219)
       539351.84   4215458.70   182.86055 (14012919)   539361.84   4215458.70   158.59465
(17010206)
       539371.84   4215458.70   142.95623 (17010206)   539381.84   4215458.70   128.84104
(16112806)
       539341.84   4215468.70   197.64107 (14012919)   539351.84   4215468.70   170.39480
(17010206)
       539361.84   4215468.70   150.20711 (17010206)   539371.84   4215468.70   134.11468
(16112806)
       539381.84   4215468.70   120.82281 (16112806)   539113.88   4215517.52   127.30061
(14110218)
       539096.52   4215515.99   118.10469 (15012109)   539108.26   4215501.18   116.62341
(15012109)
       539096.01   4215500.67   111.94287 (15012109)   539108.26   4215486.38   111.19548
(15012109)
       539094.47   4215485.36   106.05195 (15012109)   539135.32   4215461.36   112.03297
(14110218)
       539150.13   4215439.91   109.81235 (14110218)   539114.39   4215452.68   102.34438
(15012109)
       539123.07   4215439.40   100.79191 (15012109)   539159.32   4215421.02   106.27075
(14110218)
       539145.02   4215416.43   99.68262 (14110218)   539134.30   4215410.81   95.90827
(15012109)
       539131.75   4215425.11   98.90226 (15012109)   539206.80   4215383.75   110.27422
(16110820)
       539215.99   4215372.52   109.48669 (16110820)   539188.93   4215382.22   102.60828
(14110218)
       539176.17   4215379.67   98.49708 (14110218)   539165.44   4215376.09   94.29602
(14110218)

```
       539248.79   4215356.71      117.05337  (13111221)              539243.45   4215348.45      110.44292
(13111221)
       539265.58   4215345.25      120.76106  (16111419)              539260.78   4215338.05      114.39778
(16111419)
       539256.25   4215351.38      118.56777  (16111419)              539272.77   4215331.92      117.93579
(16111419)
       539264.78   4215324.99      110.59218  (13111221)              539280.77   4215321.79      117.11834
(16111419)
       539279.97   4215307.14      110.09229  (16111419)              539287.97   4215313.80      116.78683
(16111419)
       539297.83   4215304.74      116.80715  (16111419)              539289.56   4215296.21      109.83324
(16111419)
       539311.15   4215287.68      114.52819  (15120707)              539303.69   4215281.28      109.46217
(16111419)
       539303.69   4215296.21      115.39875  (16111419)              539314.25   4215271.79      109.29547
(16111419)
       539329.09   4215260.48      109.45709  (15120707)              539339.69   4215237.16      103.99419
(15120707)
       539357.36   4215232.92      107.46319  (14110717)              539394.11   4215199.70      103.22177
(14110717)
       539044.99   4215579.21      120.41334  (15012918)              539034.39   4215591.93      121.77564
(14110908)
       539054.88   4215556.59      116.24907  (15012918)              539058.42   4215538.92      110.98736
(15012918)
       539054.88   4215520.55      104.02407  (14110908)              539082.44   4215477.44      100.58374
(15012918)
       539073.96   4215466.13       94.89930  (15012918)              539098.70   4215440.69       95.66005
(15012918)
       539109.30   4215426.56       94.19891  (15012109)              539117.07   4215415.96       93.59758
(15012109)
       539125.55   4215401.11       92.03610  (15012109)              539158.77   4215367.19       90.30953
(14120620)
       539150.29   4215357.30       87.45926  (15012109)              539184.21   4215339.63       90.09967
(14110218)
       539222.37   4215324.79       96.26964  (16110820)              539243.58   4215317.72      100.38330
(16110820)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 499
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CAR3
***
                               INCLUDING SOURCE(S):     L0000352    , L0000353    , L0000354    , L0000355    ,
L0000356    ,
               L0000357    , L0000358    , L0000359    , L0000360    , L0000361    , L0000362    , L0000363    ,
L0000364    ,
               L0000365    , L0000366    , L0000367    , L0000368    , L0000369    , L0000370    , L0000371    ,
L0000372    ,
               L0000373    , L0000374    , L0000375    , L0000376    , L0000377    , L0000378    , L0000379    ,
. . .       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
       539371.49   4215194.05       96.99690  (16111207)              539364.42   4215191.93       95.19217
(15120707)
       539344.64   4215200.41       94.47346  (16111419)              539409.65   4215113.48       82.62888
(16111207)
       539355.94   4215136.80       81.77380  (16111419)              539262.66   4215288.75       97.21385
(16110820)
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       539282.44   4215261.19       94.40591  (13111221)              539299.41   4215235.04       92.35921
(13111221)
       539168.92   4215647.77      239.42856  (16111321)              538947.70   4216163.58      206.07534
(14110418)
       539352.12   4215798.21       39.00777  (15111417)              539367.62   4215566.76       72.86781
(16112317)
       539278.26   4215504.64      279.56002  (13112817)              539297.51   4215494.11      280.90868
(16110219)
       539323.66   4215486.12      234.22506  (17010206)              539342.55   4215482.85      172.90546
(16112806)
       539367.23   4215481.23      126.83182  (16112806)              539397.77   4215487.94       91.14774
(15110121)
       539352.73   4215556.41       83.19662  (16112317)              539337.83   4215546.05       97.66537
(16112317)
       539322.94   4215535.70      121.82527  (16112806)              539308.05   4215525.35      165.27360
(16112806)
       539293.15   4215514.99      212.02564  (14012919)              539287.89   4215499.38      241.90308
(16111321)
       539310.58   4215490.12      226.98011  (16110219)              539354.89   4215482.04      146.33422
(16112806)
       539382.50   4215484.59      105.12435  (16112806)              539391.74   4215503.70       86.01900
(15110121)
       539385.71   4215519.47       81.77671  (15110121)              539379.68   4215535.23       78.27405
(15110121)
       539373.65   4215551.00       75.28594  (16112317)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 500
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  CAR4
***
                               INCLUDING SOURCE(S):     L0000472    , L0000473    , L0000474    , L0000475    ,
L0000476    ,
                L0000477    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       538745.17              538765.17              538785.17              538805.17
538825.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |     68.19735 (13111908)     68.99844 (15011822)     70.95934 (16120907)     73.09112 (16120906)
74.87211 (13110718)
 4215980.6 |     69.30948 (13111908)     71.89968 (13111908)     72.95539 (13111908)     74.97882 (15011822)
77.18934 (16120906)
 4215960.6 |     69.54312 (16120919)     72.71122 (16120919)     75.87272 (13111908)     77.42768 (13111908)
79.36816 (15011822)
 4215940.6 |     71.51820 (14122218)     73.03411 (16120621)     76.62418 (16120919)     80.13228 (13111908)
82.27935 (13111908)
 4215920.6 |     72.86961 (15120318)     75.55968 (14122218)     77.38422 (14122218)     80.76238 (16120919)
84.69735 (13111908)
 4215900.6 |     75.69968 (14112117)     77.39170 (15120318)     79.72135 (14122218)     82.42484 (14122218)
85.12317 (16120919)
 4215880.6 |     76.54068 (14112117)     80.07514 (14112117)     82.37771 (14112117)     84.28585 (15120318)
87.71538 (14122218)
 4215860.6 |     77.73085 (14121419)     79.65630 (14112117)     84.38109 (14112117)     87.85854 (14112117)
90.05766 (15120318)
 4215840.6 |     79.18402 (14121608)     82.08325 (14121419)     85.16720 (14121419)     88.49846 (14112117)
93.35359 (14112117)
 4215820.6 |     80.47326 (13012606)     83.14985 (13012606)     87.08848 (14121608)     90.52742 (14121419)
```

93.80454 (14121419)
 4215800.6 | 81.36717 (14010819)   84.46959 (13012606)   88.57408 (13012606)   91.71851 (13012606)
96.37873 (14121608)
 4215780.6 | 83.90034 (13110819)   87.04066 (14010819)   89.97962 (14010819)   93.24593 (13012606)
98.12147 (13012606)
 4215760.6 | 85.47773 (15110106)   89.16309 (15110106)   92.64451 (13110819)   96.30173 (14010819)
100.12731 (14010819)
 4215740.6 | 86.85756 (13112007)   90.61343 (13112007)   93.92531 (13112007)   98.79228 (15110106)
103.01212 (15110106)
 4215720.6 | 88.39241 (14111519)   91.18785 (15120719)   95.66363 (15120719)   100.43357 (13112007)
105.07829 (13112007)
 4215700.6 | 89.62661 (15110719)   92.82564 (14111519)   96.56095 (14111519)   100.98985 (14111519)
105.97111 (15120719)
 4215680.6 | 92.56681 (14010720)   93.86389 (15110719)   98.70300 (15110719)   102.41359 (15110719)
106.99478 (15110719)
 4215660.6 | 95.28785 (14111220)   98.68926 (14111220)   100.27197 (14111220)   103.21527 (14010720)
108.27187 (14010720)
 4215640.6 | 99.18143 (16013021)   99.05701 (16013021)   103.34393 (14111220)   106.91802 (14111220)
112.61523 (14111220)
 4215620.6 | 108.46781 (15120817)   106.96892 (15120817)   107.05645 (15120817)   109.10851 (15120817)
114.21543 (15120817)
 4215600.6 | 108.05000 (16012421)   110.87826 (16012421)   108.10285 (16012421)   111.02177 (15120817)
117.35126 (15120817)
 4215580.6 | 104.57927 (14013007)   108.08300 (14013007)   108.79470 (14013007)   112.90173 (14013007)
118.86447 (15110618)
 4215560.6 | 127.13576 (14012720)   132.32239 (14012720)   138.37448 (14012720)   142.91318 (15110618)
150.99858 (15110618)
 4215540.6 | 147.05628 (14012720)   153.00307 (14012720)   158.65739 (14012720)   164.61491 (14012720)
173.34708 (14012720)
 4215520.6 | 152.29573 (14012720)   157.34426 (14012720)   162.39661 (16012422)   167.82618 (16012422)
175.89432 (16012422)
 4215500.6 | 152.77505 (14010718)   157.00040 (13112022)   163.22881 (13112022)   169.52128 (13112022)
178.22571 (13112022)
 4215480.6 | 153.63026 (13112022)   157.37216 (13112022)   160.93376 (13112022)   164.93572 (13112022)
173.48775 (16011321)
 4215460.6 | 152.82423 (16011321)   159.36844 (16011321)   165.54245 (16011321)   171.92802 (16011321)
178.29886 (14121020)
 4215440.6 | 153.68816 (16011321)   157.27948 (14121020)   163.56169 (16112720)   170.45197 (13111718)
179.64851 (13111718)
 4215420.6 | 155.43563 (13111718)   162.89970 (13111718)   168.74986 (13111718)   174.72940 (13121818)
181.66149 (13110818)
 4215400.6 | 157.66403 (13121818)   163.81200 (13110818)   169.47436 (13110818)   173.30460 (13110818)
176.68273 (14012217)
 4215380.6 | 156.67937 (13110818)   157.91267 (13110818)   164.72848 (14012217)   172.18008 (15112517)
180.69701 (15112517)
 4215360.6 | 153.75753 (14012217)   161.55498 (15112517)   167.06213 (15112517)   174.10274 (16011921)
177.32270 (16011921)
 4215340.6 | 156.64780 (16011921)   161.31887 (16011921)   163.42755 (16011921)   161.72895 (16011921)
156.63762 (16011921)
 4215320.6 | 150.66804 (16011921)   148.14029 (16011921)   143.01293 (16011921)   152.78706 (15110219)
169.45281 (15111722)
 4215300.6 | 130.77324 (16011921)   139.44516 (15110219)   154.74582 (15111722)   167.56199 (15111722)
176.67643 (15111722)
 4215280.6 | 142.18631 (15111722)   154.69231 (15111722)   163.14914 (15111722)   166.53720 (15111722)
172.81522 (14122917)
 4215260.6 | 151.83688 (15111722)   156.20321 (15111722)   159.00418 (14122917)   165.57493 (16123020)
173.06247 (13111119)
 4215240.6 | 147.30869 (15111722)   153.28882 (14122917)   158.86172 (16123020)   164.92333 (13111119)
170.39015 (15110619)
 4215220.6 | 148.20205 (16123020)   153.27548 (13111119)   157.96114 (15110619)   160.71538 (15110619)
157.13898 (15110619)

Y-COORD (METERS)	X-COORD (METERS)				
	538745.17	538765.17	538785.17	538805.17	538825.17
4215200.6	147.58350 (13111119)	151.43201 (15110619)	151.57488 (15110619)	150.83771 (14122918)	162.98280 (14122918)
4215180.6	144.64863 (15110619)	142.23242 (15110619)	147.03611 (14122918)	155.79419 (14122918)	157.86736 (13121819)
4215160.6	132.85758 (15110619)	142.99161 (14122918)	149.49040 (14122918)	151.83149 (13121819)	157.84556 (13012521)
4215140.6	138.76856 (14122918)	143.25362 (14122918)	146.37410 (13121819)	151.64984 (13012521)	153.53147 (13012521)
4215120.6	137.11937 (14122918)	141.09779 (13121819)	145.47604 (13012521)	146.62961 (13012521)	140.34921 (16110522)
4215100.6	136.00483 (13121819)	139.95450 (13012521)	140.17258 (13012521)	133.95522 (16110522)	138.73541 (16110522)
4215080.6	134.71922 (13012521)	134.12297 (13012521)	128.05671 (16110522)	132.48885 (16110522)	134.35003 (15111821)
4215060.6	128.23476 (13012521)	122.60045 (16110522)	126.71972 (16110522)	128.21386 (15111821)	139.15470 (15013018)
4215040.6	117.54013 (16110522)	121.37744 (16110522)	122.51741 (15111821)	132.40303 (15013018)	140.79931 (15013018)
4215020.6	116.41793 (16110522)	117.21726 (15111821)	126.29990 (15013018)	135.25401 (15013018)	135.16591 (15013018)

Y-COORD (METERS)	X-COORD (METERS)				
	538845.17	538865.17	538885.17	538905.17	538925.17
4216000.6	82.35721 (16010420)	92.10983 (16010420)	99.05773 (16010420)	102.24151 (16010420)	105.32730 (16121317)
4215980.6	79.19457 (13110718)	87.86022 (16010420)	98.19596 (16010420)	105.29432 (16010420)	108.12157 (16010420)
4215960.6	81.68499 (16120906)	83.96098 (13110718)	93.98189 (16010420)	104.92526 (16010420)	112.12514 (16010420)
4215940.6	84.16613 (15011822)	86.63999 (16120907)	89.24176 (13110718)	100.80793 (16010420)	112.39116 (16010420)
4215920.6	87.55943 (13111908)	89.42730 (15011822)	92.26123 (16120907)	95.12668 (13110718)	

108.46085 (16010420)
 4215900.6 | 89.60223 (13111908)   93.31839 (13111908)   95.23507 (15120921)   98.52062 (16120907)
101.70307 (13110718)
 4215880.6 | 89.88491 (16120621)   94.88627 (13111908)   99.63385 (13111908)   101.68969 (15120921)
105.50549 (16120907)
 4215860.6 | 93.25989 (14122218)   96.33184 (14122218)   101.00525 (16120919)   106.58417 (13111908)
109.53522 (13111908)
 4215840.6 | 96.61415 (14112117)   99.04871 (14122218)   103.51186 (14122218)   107.67681 (16120919)
114.22223 (13111908)
 4215820.6 | 98.79212 (14112117)   103.67103 (14112117)   106.67838 (15120318)   111.16270 (14122218)
114.86818 (16120919)
 4215800.6 | 100.48576 (14121419)   104.01816 (14112117)   110.83609 (14112117)   115.52194 (14112117)
119.29699 (14122218)
 4215780.6 | 101.97848 (14121608)   107.39894 (14121608)   112.24995 (14121419)   117.90126 (14112117)
124.90313 (14112117)
 4215760.6 | 103.66168 (13012606)   109.51374 (13012606)   114.44019 (14121608)   120.62491 (14121608)
126.32696 (14121419)
 4215740.6 | 107.45032 (13110819)   112.16485 (14010819)   116.19342 (13012606)   123.32647 (13012606)
129.65847 (14121608)
 4215720.6 | 109.79196 (15110106)   115.51921 (15110106)   120.95014 (13110819)   126.77431 (14010819)
132.06342 (14010819)
 4215700.6 | 111.71023 (15120719)   117.76793 (13112007)   123.64984 (13112007)   130.58426 (15110106)
137.57485 (15110106)
 4215680.6 | 112.86024 (14111519)   118.91761 (14111519)   125.26850 (15120719)   133.03092 (15120719)
141.24870 (13112007)
 4215660.6 | 114.01449 (16013020)   120.57626 (15110719)   127.31899 (15110719)   134.43633 (14111519)
143.15290 (14111519)
 4215640.6 | 118.51391 (14111220)   124.58610 (14111220)   130.70411 (14111220)   136.37266 (14010720)
144.88225 (16013020)
 4215620.6 | 122.43459 (15120817)   128.32383 (15120817)   132.59339 (15110220)   140.79398 (14111220)
149.21900 (14111220)
 4215600.6 | 124.19007 (15120817)   131.58884 (15120817)   139.40786 (15120817)   145.20687 (15120817)
152.79551 (15120817)
 4215580.6 | 125.76431 (14012720)   133.46037 (14012720)   140.33884 (15110618)   148.91924 (15110618)
156.78385 (15110618)
 4215560.6 | 159.81260 (15110618)   169.44743 (15110618)   179.78138 (15110618)   189.02406 (15110618)
201.48850 (15110618)
 4215540.6 | 182.78737 (14012720)   193.01542 (14012720)   203.23842 (14012720)   209.74007 (15110618)
219.87638 (15110618)
 4215520.6 | 185.21743 (14010718)   195.28806 (14010718)   205.14502 (14010718)   207.49700 (14010718)
219.27422 (13112022)
 4215500.6 | 186.43036 (13112022)   194.84684 (13112022)   203.44304 (13112022)   211.25994 (13112022)
216.66191 (16011321)
 4215480.6 | 184.28063 (16011321)   195.09990 (16011321)   204.87981 (16011321)   217.16397 (14121020)
229.80583 (14121020)
 4215460.6 | 186.27367 (14121020)   194.81286 (16112720)   204.32433 (13111718)   217.95206 (13111718)
230.29895 (13111718)
 4215440.6 | 188.49524 (13111718)   196.62958 (13121818)   206.55181 (13110818)   218.82856 (13110818)
227.72640 (13110818)
 4215420.6 | 189.53160 (13110818)   194.53020 (13110818)   203.43209 (14012217)   216.98985 (14012217)
229.33433 (15112517)
 4215400.6 | 186.91531 (14012217)   195.10403 (15112517)   204.20213 (16011921)   214.95318 (16011921)
220.87084 (16011921)
 4215380.6 | 187.84480 (16011921)   193.12413 (16011921)   194.92410 (16011921)   193.47233 (16011921)
212.14187 (15110219)
 4215360.6 | 176.79495 (16011921)   172.34301 (16011921)   187.54232 (15110219)   208.07862 (15111722)
224.52406 (15111722)
 4215340.6 | 168.36200 (15110219)   185.81278 (15111722)   199.93462 (15111722)   208.77875 (15111722)
219.50810 (14122917)
 4215320.6 | 183.24027 (15111722)   190.69042 (15111722)   197.41654 (14122917)   207.48118 (16123020)
218.73142 (13111119)
 4215300.6 | 179.73415 (14122917)   188.34858 (16123020)   198.33721 (13111119)   206.94537 (15110619)
209.31565 (15110619)
 4215280.6 | 180.60667 (16123020)   188.73626 (13111119)   195.35287 (15110619)   192.50531 (15110619)
209.54260 (14122918)
 4215260.6 | 180.17196 (15110619)   183.30952 (15110619)   185.72525 (14122918)   198.96391 (14122918)
205.66934 (13121819)
 4215240.6 | 170.24465 (15110619)   178.70846 (14122918)   188.74684 (14122918)   195.43389 (13121819)
202.96766 (13012521)

 4215220.6 | 170.31775 (14122918)   177.54074 (14122918)   184.37817 (13121819)   191.13866 (13012521)
186.85013 (13012521)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
 -
- - - - - - - -

 4215200.6 | 166.59162 (14122918)   174.20446 (13121819)   180.41572 (13012521)   175.26323 (13012521)
181.73678 (16110522)
 4215180.6 | 164.82584 (13012521)   169.76257 (13012521)   164.42991 (13012521)   171.10344 (16110522)
176.59595 (15013018)
 4215160.6 | 160.91829 (13012521)   155.05147 (16110522)   161.35834 (16110522)   165.46692 (15111821)
181.98887 (15013018)
 4215140.6 | 147.29997 (16110522)   152.90178 (16110522)   156.11898 (15111821)   170.90726 (15013018)
175.16178 (15013018)
 4215120.6 | 145.51748 (16110522)   148.30749 (15111821)   161.19154 (15013018)   166.34554 (15013018)
158.36474 (15013018)
 4215100.6 | 140.97513 (15111821)   153.39946 (15013018)   158.90544 (15013018)   153.15949 (15013018)
161.98791 (14110917)
 4215080.6 | 146.06306 (15013018)   152.62190 (15013018)   148.05498 (15013018)   150.09963 (14110917)
164.33743 (14110917)
 4215060.6 | 146.58698 (15013018)   143.70846 (15013018)   139.02491 (14110917)   155.30585 (14110917)
158.93997 (14110917)
 4215040.6 | 139.40596 (15013018)   128.66388 (14110917)   146.50439 (14110917)   153.33676 (14110917)
147.41501 (14110917)
 4215020.6 | 126.03207 (15013018)   137.43745 (14110917)   147.16265 (14110917)   144.91607 (14110917)
136.09972 (16112108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -
- - - - - - - -

 4216000.6 | 105.39372 (15120918)   110.63242 (15011617)   116.03725 (15011617)   117.87180 (17011717)
120.47658 (14120718)
 4215980.6 | 111.62573 (16121317)   113.06714 (15120918)   119.34641 (15011617)   122.92014 (15011617)
125.93783 (15011619)
 4215960.6 | 114.97058 (16121317)   118.36524 (16121317)   121.16123 (15120918)   128.32538 (15011617)
130.63959 (17011717)
 4215940.6 | 119.61506 (16010420)   123.12063 (16121317)   125.50478 (16121317)   130.44072 (15011617)
137.43423 (15011617)
 4215920.6 | 120.69232 (16010420)   127.85291 (16010420)   131.96098 (16121317)   133.48771 (15120918)
141.99828 (15011617)
 4215900.6 | 117.06894 (16010420)   129.95393 (16010420)   136.90914 (16010420)   141.53622 (16121317)
144.64021 (15120918)
 4215880.6 | 109.10585 (13110718)   126.80145 (16010420)   140.31856 (16010420)   146.88848 (16010420)
151.89253 (16121317)
 4215860.6 | 113.33217 (16120907)   118.02185 (16010420)   137.84563 (16010420)   151.94562 (16010420)
158.10044 (16121317)
 4215840.6 | 118.34720 (13111908)   122.13972 (16120907)   128.90356 (16010420)   150.49306 (16010420)
165.09887 (16010420)
 4215820.6 | 122.66069 (13111908)   128.22083 (13111908)   132.14441 (16120907)   141.53615 (16010420)
165.05818 (16010420)
 4215800.6 | 124.59681 (14122218)   132.02764 (13111908)   139.37783 (13111908)   143.89287 (15120921)
156.34269 (16010420)
 4215780.6 | 129.15837 (15120318)   135.52163 (14122218)   142.52764 (13111908)   152.11363 (13111908)
157.55208 (15120921)
 4215760.6 | 134.58573 (14112117)   141.53241 (14112117)   147.56058 (14122218)   154.86173 (16120919)
166.84623 (13111908)
 4215740.6 | 136.92297 (14121419)   144.45537 (14112117)   154.85303 (14112117)   161.21891 (14112117)
170.37456 (14122218)
 4215720.6 | 140.53769 (13012606)   148.74962 (14121608)   157.70906 (14121419)   169.07307 (14112117)
179.59868 (14112117)
 4215700.6 | 144.89580 (14010819)   152.23733 (14010819)   162.39005 (13012606)   173.20857 (14121608)
184.23746 (14121419)
 4215680.6 | 148.97235 (13112007)   158.90082 (15110106)   168.29305 (13110819)   178.10196 (14010819)
190.87821 (13012606)
 4215660.6 | 151.86901 (15120719)   162.62296 (15120719)   174.02598 (13112007)   186.01027 (15110106)
198.93982 (13110819)
 4215640.6 | 154.89256 (15110719)   165.21550 (15110719)   177.30519 (14111519)   190.15583 (15120719)
205.80104 (15120719)
 4215620.6 | 159.17207 (14111220)   169.57673 (14111220)   180.50602 (14111220)   194.05654 (16013020)
210.49682 (15110719)
 4215600.6 | 162.81683 (15120817)   173.67766 (15120817)   185.60819 (15120817)   200.13145 (15110220)
217.38980 (14111220)
 4215580.6 | 165.53816 (15110618)   178.30154 (15110618)   192.77458 (15110618)   209.30522 (15110618)
228.13638 (15110618)
 4215560.6 | 213.21897 (15110618)   227.56634 (15110618)   246.06795 (15110618)   266.86347 (15110618)
290.96079 (15110618)
 4215540.6 | 232.28223 (15110618)   248.27037 (15110618)   265.50513 (15110618)   285.76364 (15110618)
308.60713 (15110618)
 4215520.6 | 229.39772 (13112022)   242.15059 (13112022)   259.60230 (13112022)   277.65869 (13112022)
299.21426 (14121020)
 4215500.6 | 230.29669 (14121020)   250.26567 (14121020)   268.97369 (14121020)   289.76848 (14121020)
312.87283 (16112720)
 4215480.6 | 238.53942 (16112720)   249.53017 (16112720)   266.32425 (15121208)   286.13099 (15121208)
305.47250 (13110818)
 4215460.6 | 245.16371 (13110818)   253.07308 (13110818)   266.71434 (14012217)   287.09354 (15012818)
312.12095 (15012818)
 4215440.6 | 244.80616 (14012217)   259.29154 (14012217)   268.19864 (15012818)   276.03690 (16011921)
284.78418 (15110219)
 4215420.6 | 243.48395 (16011921)   251.13191 (16011921)   251.89266 (16011921)   276.09739 (15110219)
296.00669 (15111722)
 4215400.6 | 220.96863 (16011921)   242.49924 (15110219)   267.80905 (15111722)   273.54477 (15111722)
288.88889 (15122508)
 4215380.6 | 237.05841 (15111722)   252.33304 (15111722)   263.48618 (14122917)   279.57917 (13111119)
285.29540 (15110619)
 4215360.6 | 234.23199 (14122917)   247.65144 (16123020)   260.86747 (15110619)   267.22470 (15110619)
284.38410 (14122918)
 4215340.6 | 233.79593 (13111119)   244.32143 (15110619)   244.29263 (14122918)   264.78210 (14122918)
277.78365 (13012521)

 4215320.6 | 226.67129 (15110619)   232.61396 (14122918)   245.84202 (14122918)   259.41829 (13012521)
263.79458 (13012521)
 4215300.6 | 221.23516 (14122918)   229.38929 (14122918)   243.12126 (13012521)   244.74505 (13012521)
255.14386 (16110522)
 4215280.6 | 216.65599 (13121819)   228.55541 (13012521)   227.97395 (13012521)   236.55590 (16110522)
249.86163 (15013018)
 4215260.6 | 214.77382 (13012521)   213.09548 (13012521)   220.33805 (16110522)   232.32738 (15013018)
243.65570 (15013018)
 4215240.6 | 199.79111 (13012521)   206.07108 (16110522)   216.62171 (15013018)   228.94074 (15013018)
225.81508 (14110917)
 4215220.6 | 193.41600 (16110522)   202.46934 (15013018)   216.22953 (15013018)   209.95078 (15013018)
232.21886 (14110917)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -
- - - - - - - -

 4215200.6 | 189.12107 (15013018)   204.48574 (15013018)   201.28593 (15013018)   215.21781 (14110917)
224.04481 (14110917)
 4215180.6 | 193.04606 (15013018)   192.45601 (15013018)   198.70057 (14110917)   212.82212 (14110917)
204.00966 (14110917)
 4215160.6 | 184.05746 (15013018)   182.82415 (14110917)   201.01730 (14110917)   198.79444 (14110917)
193.65439 (13121808)
 4215140.6 | 166.72872 (14110917)   188.45795 (14110917)   191.79553 (14110917)   180.30792 (16112108)
193.62927 (13121808)
 4215120.6 | 174.76714 (14110917)   183.40618 (14110917)   173.90841 (14110917)   180.35514 (13121808)
185.07418 (13121808)
 4215100.6 | 174.00741 (14110917)   169.79882 (14110917)   165.79486 (13121808)   177.42472 (13121808)
181.92188 (15112508)
 4215080.6 | 164.59392 (14110917)   155.20361 (16112108)   167.03583 (13121808)   170.62569 (15112508)
178.14261 (13111121)
 4215060.6 | 148.93082 (14110917)   154.78490 (13121808)   162.01929 (13121808)   166.82709 (13111121)
169.81153 (13111121)
 4215040.6 | 142.64914 (13121808)   154.40544 (13121808)   157.03719 (15112508)   163.29663 (13111121)
163.56504 (14110418)
 4215020.6 | 146.06065 (13121808)   148.78197 (13121808)   154.09917 (13111121)   154.81254 (13111121)
161.19495 (14110418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539045.17	539065.17	539085.17	539105.17	539125.17
4216000.6	123.78806 (14120718)	126.01949 (16121318)	128.97150 (16122022)	133.05592 (14121720)	135.05319 (15010808)
4215980.6	129.76465 (14120718)	130.74150 (15010521)	135.84603 (16121318)	138.86526 (14121720)	141.50583 (15120217)
4215960.6	134.27456 (15011619)	138.21719 (14120718)	141.13111 (16121318)	144.93470 (16012122)	148.96686 (15120217)
4215940.6	140.09692 (15011619)	144.95478 (14120718)	146.57016 (15010521)	152.58083 (16121318)	157.00587 (14121720)
4215920.6	146.47513 (15011617)	150.87949 (15011619)	155.62044 (14120718)	159.61823 (16121318)	164.48480 (16012122)
4215900.6	154.03971 (15011617)	157.71589 (17011717)	163.35609 (14120718)	165.96918 (15010521)	172.97485 (16121318)
4215880.6	157.27970 (15011617)	166.35355 (15011617)	170.95900 (15011619)	176.95956 (14120718)	182.50941 (16121318)
4215860.6	163.09902 (16121317)	173.24120 (15011617)	179.04360 (17011717)	186.11580 (14120718)	190.04324 (15010521)
4215840.6	172.18481 (16121317)	177.13021 (15120918)	190.05545 (15011617)	195.72041 (15011619)	203.70804 (14120718)
4215820.6	180.03244 (16010420)	187.85854 (16121317)	195.80778 (15011617)	207.37517 (15011617)	215.03238 (14120718)
4215800.6	182.08367 (16010420)	197.06270 (16010420)	205.20906 (16121317)	219.04321 (15011617)	227.86435 (17011717)
4215780.6	174.07766 (16010420)	202.03944 (16010420)	216.52115 (16010420)	225.36110 (15120918)	243.83915 (15011617)
4215760.6	173.61811 (15120921)	195.37273 (16010420)	225.64613 (16010420)	240.57160 (16121317)	255.89489 (15011617)
4215740.6	184.07028 (13111908)	192.68763 (15120921)	221.32744 (16010420)	253.79255 (16010420)	269.68063 (16121317)
4215720.6	189.39890 (14122218)	204.52936 (13111908)	215.93223 (13111908)	253.49866 (16010420)	295.17847 (14121816)
4215700.6	200.09741 (14112117)	211.57667 (14122218)	229.31894 (13111908)	245.08019 (13111908)	294.52914 (16010420)
4215680.6	205.01613 (14121608)	223.18852 (14112117)	239.59260 (14112117)	260.40248 (13111908)	282.42050 (13111908)
4215660.6	212.25535 (14010819)	228.97206 (13012606)	249.44175 (14112117)	275.99421 (14112117)	300.97084 (13111908)
4215640.6	221.98869 (13112007)	240.39704 (15110106)	259.40278 (14010819)	285.23428 (14121608)	322.06597 (14112117)
4215620.6	228.46985 (14111519)	249.19326 (15120719)	273.30405 (15120719)	300.84763 (15110106)	331.88848 (15120806)
4215600.6	236.80989 (14111220)	257.97273 (14111220)	281.80849 (15110719)	314.07643 (14111519)	354.15691 (15120719)
4215580.6	249.51426 (15110618)	274.50027 (15110618)	304.04604 (15110618)	339.97192 (15110618)	385.20257 (15110618)
4215560.6	317.85100 (15110618)	349.10010 (15110618)	385.85100 (15110618)	430.41332 (15110618)	486.65480 (15110618)
4215540.6	333.47604 (15110618)	361.78850 (15110618)	395.86677 (13112022)	443.01139 (13112022)	504.92265 (14121020)
4215520.6	334.64713 (14121020)	372.85984 (14121020)	413.27559 (14121020)	458.34864 (16112720)	521.28559 (13110818)
4215500.6	337.03192 (16112720)	369.92018 (15121208)	408.52521 (14012217)	465.45362 (14012217)	520.09560 (15012818)
4215480.6	337.87646 (14012217)	373.76648 (15012818)	404.24523 (15012818)	436.89622 (15110219)	504.49084 (15110219)
4215460.6	329.46785 (15012818)	347.76575 (15110219)	396.87125 (15110219)	436.93464 (14122917)	485.25588 (15110619)
4215440.6	323.36671 (15110219)	351.47882 (15111722)	384.98444 (15122508)	421.54061 (15110619)	467.79890 (14012820)

 4215420.6 | 318.30616 (14122917)   347.04326 (13111119)   369.18976 (15110619)   413.16399 (14012820)
437.57761 (16110522)
 4215400.6 | 311.19654 (15110619)   330.03609 (17012519)   364.65631 (14012820)   384.83232 (16110522)
417.50272 (15111821)
 4215380.6 | 302.63341 (17012519)   327.94687 (14012820)   346.10540 (13012521)   369.85198 (15111821)
390.85975 (15013018)
 4215360.6 | 303.10275 (13121819)   319.27870 (13012521)   336.96537 (16110522)   365.10843 (15013018)
380.52866 (14110917)
 4215340.6 | 289.22229 (13012521)   304.99786 (16110522)   330.30594 (15013018)   343.95315 (14110917)
361.86327 (14110917)
 4215320.6 | 277.62340 (16110522)   298.22443 (15013018)   301.15226 (15013018)   337.22124 (14110917)
327.24928 (16112108)
 4215300.6 | 271.78714 (15013018)   278.82443 (15013018)   305.24896 (14110917)   305.47557 (14110917)
312.88969 (16110521)
 4215280.6 | 259.84632 (15013018)   275.44653 (14110917)   286.37688 (14110917)   282.04803 (13121808)
296.82240 (13111121)
 4215260.6 | 248.86225 (14110917)   267.57169 (14110917)   257.38044 (16112108)   270.58031 (16110521)
280.61161 (13111121)
 4215240.6 | 249.47039 (14110917)   243.31609 (14110917)   248.54993 (13121808)   258.32658 (13111121)
267.10344 (14110418)
 4215220.6 | 234.34909 (14110917)   228.25105 (13121808)   238.08294 (16110521)   246.52190 (13111121)
255.90850 (14110418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                 L0000477   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
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 4215200.6 | 212.19953 (16112108)   224.30949 (13121808)   231.76725 (13111121)   236.71473 (14110418)
238.65212 (15121718)
 4215180.6 | 210.41720 (13121808)   216.17935 (15112508)   221.18264 (13111121)   228.92250 (14110418)
224.84664 (15111721)
 4215160.6 | 203.36228 (13121808)   210.78842 (13111121)   213.05205 (14110418)   215.87563 (15121718)
216.87483 (14012722)
 4215140.6 | 197.74608 (15112508)   201.11740 (13111121)   207.63562 (14110418)   204.50244 (15111721)
205.99075 (14012722)
 4215120.6 | 193.18102 (13111121)   194.16971 (14110418)   197.45509 (15121718)   196.68112 (14012722)
198.04682 (16112721)
 4215100.6 | 184.24958 (13111121)   190.47225 (14110418)   187.65542 (15111721)   190.63101 (14012722)
189.90533 (16112721)
 4215080.6 | 178.19727 (14110418)   182.50266 (14110418)   179.05487 (15111721)   181.43698 (14012722)
180.24134 (16112721)
 4215060.6 | 175.77531 (14110418)   174.23323 (15121718)   175.58546 (14012722)   175.97599 (16112721)
174.34556 (15110620)
 4215040.6 | 168.05634 (14110418)   165.70212 (15111721)   168.44089 (14012722)   169.29778 (16112721)
168.08070 (14112820)
 4215020.6 | 159.98722 (15121718)   159.65574 (14012722)   159.84625 (16112721)   160.19766 (16112721)
162.81105 (14112820)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***
INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 ,
L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539145.17	539165.17	539185.17	539205.17	539225.17
4216000.6	137.88474 (16112507)	141.82284 (16011217)	142.85127 (16011818)	145.66325 (16011818)	147.45878 (16010219)
4215980.6	143.85604 (16112507)	148.15714 (15121807)	151.09705 (16011217)	154.53299 (16011818)	155.93658 (16010219)
4215960.6	152.19381 (15010808)	154.72435 (15121807)	160.49272 (16011217)	163.67821 (16011818)	165.00006 (16010219)
4215940.6	159.89667 (15010808)	163.89941 (16112507)	169.75386 (16011217)	173.03924 (16011818)	174.57083 (16010219)
4215920.6	168.71259 (15120217)	172.45867 (16112507)	178.76414 (16011217)	182.54189 (16011818)	184.66027 (16010219)
4215900.6	178.64295 (14121720)	182.92629 (15010808)	188.01739 (15121807)	192.17670 (16011217)	195.87356 (16011818)
4215880.6	188.50821 (14121720)	193.42585 (15010808)	198.76282 (16112507)	206.42260 (16011217)	210.63992 (16011818)
4215860.6	198.45658 (16012122)	205.43100 (15120217)	211.51000 (16112507)	220.87377 (16011217)	226.40340 (16011818)
4215840.6	211.19052 (16121318)	219.07651 (14121720)	225.20477 (15010808)	235.44790 (16011217)	243.06866 (16011818)
4215820.6	221.31413 (16121318)	232.57471 (16012122)	240.65352 (15010808)	249.97802 (16011217)	260.69415 (16011818)
4215800.6	238.14224 (14120718)	248.05860 (16121318)	257.79471 (15120217)	267.73260 (16112507)	279.64256 (16011217)
4215780.6	253.18442 (14120718)	264.13801 (16121318)	278.13080 (14121720)	288.48476 (16011117)	305.26374 (16011217)
4215760.6	271.09796 (17011717)	284.59013 (14120718)	299.00452 (16012122)	313.23875 (15010808)	333.10580 (16011217)
4215740.6	292.66909 (15011617)	306.32630 (14120718)	323.94718 (16121318)	340.57744 (15120217)	363.44907 (16011217)
4215720.6	305.78791 (15120918)	332.75706 (15011617)	350.87786 (14120718)	374.79379 (14121720)	396.67873 (16011217)
4215700.6	353.02874 (14121816)	362.99865 (15011617)	385.90575 (14120718)	420.40212 (15120816)	442.02972 (16011117)
4215680.6	369.58879 (14121816)	426.45425 (14121816)	430.88562 (15011617)	473.93472 (15120816)	505.68318 (15120816)
4215660.6	332.13024 (13111908)	476.20420 (14121816)	524.09156 (14121816)	519.17837 (17011717)	625.27305 (15120816)
4215640.6	355.98064 (13111908)	436.28059 (14121816)	631.31951 (14121816)	655.86099 (14121816)	764.70799 (15120816)
4215620.6	382.48484 (14112117)	438.67957 (14122218)	625.68637 (14121816)	870.83644 (14121816)	907.40464 (15120816)
4215600.6	400.09451 (15110106)	463.42409 (14112117)	570.07366 (14112117)	971.21712 (14121816)	1272.81585 (14121816)
4215580.6	442.31103 (14012720)	519.42415 (14012720)	627.17453 (14012720)	807.36674 (14112117)	1663.70397 (14121816)
4215560.6	556.88436 (15110618)	654.00678 (14012720)	797.80841 (14010718)	1046.12573 (16011321)	948.25174 (14012217)
4215540.6	593.47233 (14121020)	704.14816 (13111718)	893.20809 (14012217)	1170.26103 (14012217)	983.31649 (14122917)

 4215520.6 | 616.42463 (14012217)   720.03094 (14012217)   879.07827 (15111722)   1116.20170 (15111818)
1434.66032 (13012521)
 4215500.6 | 589.27849 (15110219)   696.95401 (14122917)   826.15053 (15111818)   992.48146 (13012521)
1217.19371 (14110917)
 4215480.6 | 574.78936 (13111119)   654.83687 (17012519)   756.23670 (13012521)   872.45891 (15013018)
1001.74948 (14110917)
 4215460.6 | 548.03143 (14012820)   609.49855 (16110522)   689.32009 (13122017)   790.07078 (14110917)
835.49687 (13111121)
 4215440.6 | 508.10908 (16110522)   567.61360 (13122017)   636.81012 (14110917)   672.80533 (16110521)
727.31194 (14110418)
 4215420.6 | 477.77548 (13122017)   519.18443 (14110917)   564.75311 (14110917)   592.96559 (13111121)
634.49036 (14111418)
 4215400.6 | 439.00793 (15013018)   488.10058 (14110917)   509.54138 (16110521)   536.21766 (14110418)
555.85331 (14111418)
 4215380.6 | 426.61507 (14110917)   431.92774 (16112108)   453.50677 (13111121)   481.44613 (14122408)
496.16055 (16122408)
 4215360.6 | 390.64181 (14110917)   406.04965 (16110521)   421.73424 (16121307)   437.85693 (14111418)
449.46073 (16113007)
 4215340.6 | 356.87768 (16110521)   372.92375 (13111121)   382.14041 (16121307)   391.97234 (15121922)
409.73829 (13110719)
 4215320.6 | 341.44399 (16110521)   348.36850 (14110418)   358.69344 (14122408)   361.40437 (16122408)
378.82932 (16110617)
 4215300.6 | 318.78227 (13111121)   331.37377 (14110418)   331.16433 (14111418)   332.14131 (16113007)
348.59608 (16110617)
 4215280.6 | 309.91248 (14110418)   311.03253 (15111721)   303.32370 (16112721)   309.93418 (16113007)
319.33325 (16110617)
 4215260.6 | 292.18491 (14110418)   295.57453 (14012722)   287.80706 (16112721)   292.18081 (13110719)
291.16839 (16110617)
 4215240.6 | 269.91030 (16110619)   275.93151 (16112721)   271.68225 (14112820)   273.76955 (16110617)
267.41485 (16110617)
 4215220.6 | 255.11375 (14012722)   260.82482 (16112721)   262.84345 (14112820)   259.07709 (16110617)
243.16544 (16110617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4215200.6 | 242.71979 (14012722)   242.47677 (15110620)   247.26187 (14110821)   243.84440 (16110617)
230.34268 (16111218)
 4215180.6 | 229.47684 (16112721)   231.30528 (15110620)   232.16789 (14110821)   231.34418 (16110617)
220.19129 (16111218)
 4215160.6 | 218.14200 (16112721)   220.64179 (14112820)   222.31312 (16110617)   219.40343 (16110617)
209.10151 (16111218)
 4215140.6 | 205.03822 (16112721)   208.83422 (14110821)   213.49637 (16110617)   204.55184 (16110617)
200.63965 (16111218)
 4215120.6 | 197.29645 (15110620)   198.36532 (14110821)   204.69101 (16110617)   192.92061 (16110617)
192.66567 (16111218)
 4215100.6 | 189.91823 (14112820)   187.76537 (14110821)   194.40933 (16110617)   183.01705 (16121208)
186.59974 (16111218)
 4215080.6 | 182.19133 (14112820)   179.83536 (16110617)   184.63225 (16110617)   173.42281 (16121208)

178.07995 (16111218)
 4215060.6 | 174.88948 (14110821)   174.55035 (16110617)   173.93441 (16110617)   164.31998 (16111218)
169.47026 (16111218)
 4215040.6 | 167.67351 (14110821)   169.88601 (16110617)   164.69557 (16110617)   159.46395 (16111218)
163.17686 (15110419)
 4215020.6 | 159.59311 (14110821)   164.52228 (16110617)   156.21828 (16121208)   154.97970 (16111218)
158.10792 (15110419)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4216000.6 | 148.01456 (16010221)   143.39178 (16011017)   142.42559 (16010617)   145.48682 (16010617)
144.55965 (13110618)
 4215980.6 | 156.95997 (16010221)   151.61516 (16011017)   151.06492 (16010617)   153.92005 (16010617)
153.55833 (13110618)
 4215960.6 | 166.74648 (16010221)   160.70499 (16011017)   160.60769 (16010617)   163.19159 (16010617)
163.34783 (13110618)
 4215940.6 | 177.35051 (16010221)   170.71472 (16011017)   171.19133 (16010617)   173.42431 (16010617)
173.90781 (13110618)
 4215920.6 | 188.85697 (16010221)   181.77968 (16011017)   182.98135 (16010617)   184.76618 (16010617)
185.55526 (13110618)
 4215900.6 | 201.36455 (16010221)   194.06300 (16011017)   196.17889 (16010617)   197.39724 (16010617)
198.30622 (13110618)
 4215880.6 | 215.12494 (16010221)   208.89197 (16010221)   211.03070 (16010617)   211.45297 (16010617)
212.77906 (17011921)
 4215860.6 | 230.02057 (16010221)   226.47516 (16010221)   227.74916 (16010617)   228.07486 (14120121)
231.01887 (13110118)
 4215840.6 | 247.45026 (16010219)   246.04525 (16010221)   246.68490 (16010617)   247.37544 (13112719)
251.87224 (13110118)
 4215820.6 | 267.52235 (16010219)   268.08260 (16010221)   268.53407 (16010617)   270.31571 (13110618)
275.29976 (13110118)
 4215800.6 | 289.72948 (16010219)   293.20627 (16010221)   293.83127 (16010617)   297.27545 (13110618)
301.88508 (16110818)
 4215780.6 | 314.51103 (16010219)   321.88253 (16010221)   323.72824 (16010617)   328.82531 (13110618)
336.20660 (16110818)
 4215760.6 | 343.21622 (16011818)   354.91787 (16010221)   358.95809 (16010617)   365.84302 (13110618)
375.58026 (16110818)
 4215740.6 | 379.48557 (16011818)   393.86942 (13110518)   401.26946 (16010617)   409.86312 (13110618)
421.76772 (16110719)
 4215720.6 | 421.73521 (16011818)   441.39323 (13110518)   453.13556 (16010617)   466.29330 (13110118)
484.58131 (16110418)
 4215700.6 | 472.26802 (16011818)   500.49902 (13110518)   518.34405 (16010617)   540.42789 (13121517)
564.39895 (15111318)
 4215680.6 | 541.62458 (16011217)   576.95836 (13110518)   603.61201 (16010617)   643.34754 (16110719)
690.17990 (15111317)
 4215660.6 | 632.98489 (16011217)   680.51171 (13110518)   721.71141 (16010617)   795.53313 (16110719)
875.33973 (15112117)
 4215640.6 | 774.81774 (15120816)   829.31959 (13110518)   900.69713 (14120907)   1055.22038 (15111317)
1225.46252 (13112109)

 4215620.6 | 1063.31956 (15120816)   1060.44010 (13110518)   1230.98625 (16110719)   1313.77752 (13112109)
1057.07169 (16110917)
 4215600.6 | 1478.69834 (15120816)   886.53950 (14012720)   605.25787 (15111317)   887.75966 (16110917)
651.87745 (13122217)
 4215580.6 | 818.84501 (15120816)   974.38642 (14012217)   724.47575 (13112109)   1060.69548 (13110917)
698.73507 (13110917)
 4215560.6 | 1314.63434 (14121816)   786.65056 (13012521)   1069.82991 (14110917)   955.24946 (16120520)
843.38104 (15111417)
 4215540.6 | 997.11540 (13012521)   1121.51608 (14110917)   969.81236 (16110617)   1041.52125 (15111417)
760.99561 (15111417)
 4215520.6 | 1157.22861 (14110917)   867.44788 (16110617)   689.84336 (16110617)   729.80039 (16112806)
883.93282 (15111417)
 4215500.6 | 1400.17370 (14110418)   1205.49107 (16111117)   1015.34110 (14110717)   707.62619 (16122222)
874.33535 (16112806)
 4215480.6 | 1102.40074 (14110418)   1242.19662 (16110617)   1298.63983 (14110908)   1209.64530 (14110717)
816.31972 (13112817)
 4215460.6 | 899.76859 (16112721)   976.57682 (16110617)   987.44510 (14110908)   930.29366 (16110518)
805.88116 (16111220)
 4215440.6 | 764.58521 (14112820)   791.89753 (16111218)   788.25801 (14110908)   761.79018 (15012109)
722.34823 (14110717)
 4215420.6 | 674.04167 (16110617)   674.55195 (16111218)   661.32581 (13112018)   650.26306 (15012109)
607.29487 (16111419)
 4215400.6 | 595.74395 (16110617)   586.62215 (16111319)   570.82457 (13112018)   557.23216 (14122407)
535.59145 (16110820)
 4215380.6 | 525.28178 (16110617)   518.30542 (16111319)   500.59798 (13112018)   498.31080 (14110908)
473.89646 (14120620)
 4215360.6 | 461.64318 (16110617)   462.34260 (16111319)   446.36204 (13111220)   446.18945 (14110908)
427.27467 (15012109)
 4215340.6 | 407.06087 (16111218)   415.72905 (16111319)   402.82987 (13111220)   399.49717 (14110908)
385.91240 (14122407)
 4215320.6 | 374.35652 (16111218)   376.79911 (16111319)   366.33865 (13111220)   358.47835 (14110908)
351.00614 (14122407)
 4215300.6 | 344.67842 (16111218)   343.82553 (16111319)   335.63791 (13111220)   325.82418 (13010807)
322.79894 (17123121)
 4215280.6 | 317.77042 (16111218)   315.48458 (15121818)   309.17333 (13111220)   301.55609 (13010807)
299.34607 (14110908)
 4215260.6 | 293.38364 (16111218)   291.15423 (15121818)   286.13862 (13111220)   279.67355 (13010807)
278.97738 (14110908)
 4215240.6 | 271.06299 (16111218)   269.78813 (15121818)   265.70916 (13111220)   259.90226 (13010807)
259.51955 (14110908)
 4215220.6 | 250.66528 (16111218)   250.70318 (15121818)   247.67085 (13111220)   242.00332 (13010807)
241.01700 (14110908)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                               INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4215200.6 | 232.68729 (16111319)   233.74557 (15121818)   231.63936 (13111220)   225.76754 (13010807)
223.58388 (14110908)
 4215180.6 | 219.66259 (16111319)   219.66773 (15121818)   218.25403 (13111220)   211.15089 (13010807)

207.30368 (14110908)
 4215160.6 | 207.48788 (16111319)   206.25103 (15121818)   205.50328 (13111220)   198.05155 (14012108)
193.91327 (13010807)
 4215140.6 | 198.04588 (16111319)   196.23170 (15121818)   195.99893 (13111220)   189.28897 (13112018)
184.86371 (13010807)
 4215120.6 | 190.01830 (16111319)   185.47064 (15121818)   185.67537 (13111220)   179.52492 (13112018)
176.25276 (13010807)
 4215100.6 | 183.05640 (16111319)   177.28794 (16112206)   176.26600 (13111220)   170.35782 (14012108)
169.66733 (13010807)
 4215080.6 | 178.13498 (16111319)   170.95764 (16112206)   169.38128 (13111220)   161.97499 (14012108)
161.82280 (13010807)
 4215060.6 | 170.69662 (16111319)   166.23363 (16112206)   163.46425 (13111220)   154.26568 (14012108)
154.40135 (13010807)
 4215040.6 | 163.72919 (16111319)   159.80798 (15112306)   158.99689 (13111220)   149.58650 (13112018)
147.51010 (13010807)
 4215020.6 | 157.59332 (16111319)   154.07653 (15112306)   152.90482 (13111220)   146.01614 (13112018)
142.56177 (13010807)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                               INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
 -
- - - - - - - -

 4216000.6 | 144.00485 (13110118)   145.27663 (16110818)   142.85046 (16110418)   141.95538 (16110318)
138.95368 (15120220)
 4215980.6 | 153.38224 (13110118)   154.17114 (16110818)   152.27735 (16110418)   149.63305 (14010518)
146.43258 (15010418)
 4215960.6 | 163.49853 (13110118)   163.32752 (16110818)   161.57257 (16110418)   158.18380 (14012019)
156.55028 (14120706)
 4215940.6 | 174.16834 (13110118)   172.93650 (14122018)   172.08934 (16110318)   168.24660 (15120220)
166.13442 (14120706)
 4215920.6 | 185.49929 (13110118)   183.80097 (14122018)   182.65735 (16110318)   178.65521 (15010418)
179.09739 (15112117)
 4215900.6 | 200.30884 (16110818)   198.53883 (16110418)   194.50776 (14010518)   192.93700 (14120706)
190.55926 (15112117)
 4215880.6 | 216.28752 (16110818)   213.77175 (16110418)   209.25341 (15120220)   207.81335 (15112117)
202.45180 (15011318)
 4215860.6 | 233.28636 (16110818)   231.34494 (16110318)   225.63303 (15111317)   225.62933 (15112117)
217.58445 (16011622)
 4215840.6 | 251.65984 (14122018)   249.56001 (14010518)   247.01686 (15111317)   241.08448 (15011318)
233.90554 (16111007)
 4215820.6 | 275.53158 (16110418)   271.65869 (14012019)   271.60003 (15112117)   261.83339 (16011622)
253.50863 (17013118)
 4215800.6 | 303.47567 (16110418)   299.30693 (15111317)   296.50677 (15112117)   285.61949 (16111007)
274.16956 (16012106)
 4215780.6 | 336.33209 (16110318)   333.80468 (15111317)   324.49381 (16011622)   314.08356 (17013118)
300.77283 (14120918)
 4215760.6 | 373.98650 (15111318)   376.16368 (15112117)   361.40149 (16111007)   345.93586 (15011907)
327.22432 (14111720)
 4215740.6 | 426.49981 (15111317)   419.44930 (15011318)   405.02431 (14112519)   385.38038 (14120918)
361.21349 (14120118)

 4215720.6 | 493.44569 (15112117)   478.91693 (16111007)   459.55065 (14120918)   431.04927 (13111717)
400.39015 (16110917)
 4215700.6 | 576.57209 (15112117)   555.38222 (13111118)   524.82358 (13111717)   483.40420 (16110917)
447.11751 (14110817)
 4215680.6 | 686.37654 (14122020)   654.98517 (14120918)   603.27779 (16110917)   549.19452 (14110817)
460.18662 (15120117)
 4215660.6 | 861.77471 (14120120)   792.90910 (16110917)   701.09869 (14110817)   571.13312 (13122217)
486.22518 (15010317)
 4215640.6 | 1141.66215 (16110917)   952.38126 (14110817)   738.11270 (13011217)   596.81806 (16012718)
517.26145 (13110917)
 4215620.6 | 800.82492 (14110817)   1021.94166 (13110917)   772.07739 (13110917)   595.98474 (13122417)
483.21935 (13110717)
 4215600.6 | 865.51953 (13110917)   903.68644 (13110717)   666.56782 (15122322)   533.82819 (15122322)
449.17478 (16120520)
 4215580.6 | 927.98385 (16120520)   708.87558 (13111808)   575.71906 (13111808)   484.10147 (13111808)
418.73135 (13111206)
 4215560.6 | 681.77428 (15111417)   572.11021 (15111417)   493.48393 (15111417)   430.31917 (15111417)
382.17599 (13111808)
 4215540.6 | 609.92265 (15111417)   514.61661 (15111417)   449.15288 (15111417)   400.59153 (15111417)
361.97160 (15111417)
 4215520.6 | 661.28781 (15111417)   532.91288 (15111417)   450.86497 (15111417)   394.05605 (15111417)
352.59174 (15111417)
 4215500.6 | 660.37833 (15110121)   524.27203 (14010920)   436.86814 (14010920)   379.81720 (16012517)
337.32713 (16012517)
 4215480.6 | 629.30658 (16112806)   503.65550 (16112806)   437.23834 (15110121)   374.66723 (15110121)
330.09321 (14010920)
 4215460.6 | 580.48898 (16111321)   479.01694 (14012919)   416.94962 (16112806)   354.57778 (16112806)
324.48278 (15110121)
 4215440.6 | 598.45293 (16111220)   449.70585 (16111321)   392.51954 (14012919)   345.34970 (17010206)
311.89190 (16112806)
 4215420.6 | 554.95867 (16111418)   466.13872 (16111220)   366.76867 (13112817)   330.49242 (16110219)
291.33623 (17010206)
 4215400.6 | 507.24279 (14110717)   455.40105 (16111220)   377.86405 (16111220)   309.96734 (13112817)
285.27688 (16110219)
 4215380.6 | 448.49599 (16111419)   424.05395 (14110717)   383.11858 (16111220)   315.89558 (16111220)
268.22959 (13112817)
 4215360.6 | 407.52062 (16110820)   386.67839 (14110717)   360.16452 (16111418)   326.69934 (16111220)
269.53157 (16111220)
 4215340.6 | 370.77606 (16110820)   354.75659 (16111419)   340.73834 (14110717)   313.69210 (16111220)
282.30459 (16111220)
 4215320.6 | 340.97791 (14120620)   325.14696 (16110820)   310.18956 (15120707)   295.81847 (14110717)
278.58657 (16111220)
 4215300.6 | 315.14717 (14120620)   305.03469 (16110820)   291.85005 (16111419)   282.19192 (14110717)
264.62676 (16111418)
 4215280.6 | 290.30112 (15012109)   281.94655 (16112022)   269.89792 (13111221)   260.17040 (15120707)
252.39457 (14110717)
 4215260.6 | 270.75807 (14122407)   263.39502 (14120620)   256.51474 (16110820)   246.75640 (16111419)
239.07410 (14110717)
 4215240.6 | 251.74638 (14122407)   247.78471 (14120620)   240.14722 (16110820)   230.78045 (13111221)
223.25995 (15120707)
 4215220.6 | 235.47725 (17123121)   231.30524 (15012109)   225.56302 (16112022)   218.90970 (16110820)
213.03530 (16111419)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                 L0000477   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	539345.17	539365.17	539385.17	539405.17	539425.17
4215200.6	221.28001 (17123121)	216.42059 (14122407)	212.49876 (14120620)	208.89567 (16110820)	200.90046 (13111221)
4215180.6	208.02449 (14110908)	205.34956 (14122407)	202.28145 (14120620)	195.80906 (16110820)	189.15039 (16110820)
4215160.6	198.61852 (14110908)	193.55231 (14122407)	190.50111 (14120620)	186.48775 (16112022)	183.23369 (16110820)
4215140.6	188.42155 (14110908)	182.08112 (17123121)	180.25116 (15012109)	176.52254 (14120620)	174.55844 (16110820)
4215120.6	178.38563 (14110908)	174.15144 (17123121)	170.79785 (14122407)	169.54842 (14120620)	164.82617 (16112022)
4215100.6	168.61090 (14110908)	165.50814 (17123121)	163.78291 (14122407)	161.34553 (14120620)	157.96747 (16112022)
4215080.6	159.20155 (14110908)	157.51502 (14110908)	155.80229 (14122407)	153.88578 (15012109)	149.78989 (14120620)
4215060.6	151.52532 (14110908)	153.63270 (14110908)	148.66799 (17123121)	146.19308 (15012109)	145.32831 (14120620)
4215040.6	142.87651 (14110908)	147.58087 (14110908)	143.25032 (17123121)	140.23998 (14122407)	139.40680 (14120620)
4215020.6	134.73224 (13010807)	141.47791 (14110908)	137.55607 (17123121)	135.06677 (14122407)	133.29788 (15012109)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: CAR4 ***
INCLUDING SOURCE(S): L0000472 , L0000473 , L0000474 , L0000475 , L0000476 , L0000477 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	539445.17	539465.17	539485.17	539505.17	539525.17
4216000.6	137.48871 (14120706)	136.18534 (15112117)	131.23007 (15012219)	128.71822 (16111007)	125.88975 (17013118)
4215980.6	146.20429 (15112117)	141.96313 (15011318)	139.26001 (16011622)	134.84663 (14121622)	131.68090 (14112519)
4215960.6	155.54265 (15112117)	149.81783 (15011318)	146.43627 (16111007)	142.73345 (17013118)	138.17705 (13111118)
4215940.6	163.03065 (15112117)	159.59167 (16011622)	154.23520 (17013118)	149.86523 (13111118)	145.78052 (15010819)
4215920.6	173.11440 (15011318)	168.69659 (16111007)	163.75132 (17013118)	158.58534 (15011907)	154.48458 (14120918)
4215900.6	184.99549 (16011622)	179.22288 (17013118)	173.38515 (16012106)	168.53878 (14120918)	160.91404 (15012218)
4215880.6	196.74502 (16111007)	190.78144 (14112519)	184.36566 (15010819)	176.93029 (16121408)	171.93566 (13111717)
4215860.6	210.87844 (17013118)	203.22415 (15011907)	197.07267 (14120918)	188.43849 (14111720)	180.86942 (14120118)
4215840.6	225.71903 (14112519)	218.44266 (14120918)	208.23563 (14111720)	200.37156 (14120118)	189.54820 (15010117)

 4215820.6 | 242.93991 (15011907)   231.48047 (16121408)   223.60044 (13111717)   210.78942 (15010117)
205.34015 (16110917)
 4215800.6 | 263.77308 (14120918)   251.52408 (13111717)   236.00350 (15010117)   228.86534 (16110917)
217.58205 (16110917)
 4215780.6 | 285.03914 (13111717)   268.02150 (14111722)   257.73207 (16110917)   243.55749 (16110917)
231.61597 (14110817)
 4215760.6 | 308.17578 (14111722)   293.47023 (16110917)   275.86097 (14110817)   259.23469 (14110817)
231.16615 (15120117)
 4215740.6 | 339.52050 (16110917)   318.12797 (14110817)   292.52805 (14110817)   260.93429 (15120117)
242.16292 (13122217)
 4215720.6 | 373.24629 (14110817)   333.19982 (14110817)   297.21069 (15120322)   275.06560 (13011217)
249.27886 (15010317)
 4215700.6 | 384.16351 (14110817)   345.06460 (13122217)   311.33049 (13011217)   283.80160 (16011919)
259.24223 (16012718)
 4215680.6 | 408.55658 (13011217)   359.87562 (16011919)   322.74728 (16012718)   295.24072 (13110917)
274.27742 (13110917)
 4215660.6 | 422.30830 (16012718)   380.02048 (13110917)   340.59881 (13110917)   299.06745 (13110917)
269.26828 (13122417)
 4215640.6 | 437.23949 (13110917)   374.85619 (13122417)   324.76610 (13122417)   288.87963 (13120417)
262.54111 (13120417)
 4215620.6 | 412.41641 (13120417)   361.71872 (15122322)   322.25476 (15122322)   288.79264 (15122322)
260.04283 (15122322)
 4215600.6 | 389.41097 (16120520)   344.19601 (16120520)   308.45676 (16120520)   279.31862 (16120520)
254.96630 (16120520)
 4215580.6 | 371.51137 (13111206)   333.71066 (13111206)   302.40668 (13111206)   275.94692 (13111206)
253.38933 (13111206)
 4215560.6 | 345.91887 (13110318)   315.35377 (13111808)   289.00956 (13111808)   265.94149 (13111808)
245.66705 (13111808)
 4215540.6 | 328.93037 (15111417)   299.08610 (15111417)   275.42509 (13111818)   256.20890 (13111818)
238.75300 (13111818)
 4215520.6 | 320.71395 (15111417)   294.76506 (15111417)   272.51885 (15111417)   252.38546 (15111417)
233.63547 (15111417)
 4215500.6 | 304.58720 (16012517)   279.24165 (15111417)   259.83688 (15111417)   243.19253 (15111417)
228.35248 (15111417)
 4215480.6 | 299.70242 (14010920)   273.83648 (14010920)   251.70787 (14010920)   233.80921 (13111506)
219.49001 (13111506)
 4215460.6 | 294.84651 (15110121)   266.94737 (15110121)   242.99224 (14010920)   228.88592 (14010920)
214.93507 (14010920)
 4215440.6 | 275.81505 (16112806)   257.45456 (15110121)   241.89885 (15110121)   224.84892 (15110121)
207.50548 (15110121)
 4215420.6 | 271.15550 (16112806)   250.05129 (16112806)   225.58633 (16112806)   212.85964 (15110121)
204.13719 (15110121)
 4215400.6 | 257.53159 (14012919)   238.91186 (17010206)   224.40036 (16112806)   208.25397 (16112806)
189.40670 (16112806)
 4215380.6 | 249.95788 (16110219)   230.53285 (14012919)   211.05057 (17010206)   201.26713 (17010206)
190.90430 (16112806)
 4215360.6 | 236.39681 (14012921)   221.68775 (16110219)   207.75687 (14012919)   189.17528 (14012919)
182.54651 (17010206)
 4215340.6 | 233.02532 (16111220)   210.94361 (14012921)   198.74284 (16110219)   188.41814 (14012919)
174.14806 (14012919)
 4215320.6 | 246.30250 (16111220)   203.10528 (13112817)   190.26855 (14012921)   179.64471 (16110219)
172.04214 (16110219)
 4215300.6 | 248.13139 (16111220)   216.52829 (16111220)   184.00606 (13112817)   172.90353 (14012921)
163.58632 (16110219)
 4215280.6 | 237.09007 (16111418)   221.69531 (16111220)   191.47105 (16111220)   167.86530 (13112817)
158.14852 (14012921)
 4215260.6 | 225.87252 (16111418)   216.47696 (16111220)   198.74504 (16111220)   169.88364 (16111220)
154.04901 (13112817)
 4215240.6 | 218.72505 (14110717)   207.51555 (16111418)   198.03256 (16111220)   178.52650 (16111220)
150.97995 (16111220)
 4215220.6 | 206.40271 (14110717)   197.61181 (14110717)   189.72563 (16111418)   180.82320 (16111220)
160.50177 (16111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                             INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
               L0000477   ,

                              *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
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- - - - - - - -

 4215200.6 | 194.96866 (15120707)   192.05922 (14110717)   182.76602 (16111418)   176.16215 (16111220)
164.87207 (16111220)
 4215180.6 | 186.98770 (16111419)   180.88092 (14110717)   176.18860 (14110717)   169.80563 (16111418)
163.42267 (16111220)
 4215160.6 | 177.35310 (13111221)   172.57880 (15120707)   170.38340 (14110717)   161.66627 (16111418)
156.82711 (13011321)
 4215140.6 | 167.58301 (13111221)   166.02925 (16111419)   160.69445 (16111207)   158.12942 (14110717)
152.36967 (16111418)
 4215120.6 | 161.68150 (16110820)   158.21284 (16111419)   154.10011 (15120707)   152.42593 (14110717)
146.04176 (16111122)
 4215100.6 | 156.07905 (16110820)   150.62396 (13111221)   148.69234 (16111419)   144.24740 (16111207)
142.92564 (14110717)
 4215080.6 | 148.64584 (16110820)   143.49222 (16110820)   142.62354 (16111419)   138.87761 (15120707)
137.49187 (14110717)
 4215060.6 | 141.59138 (16112022)   140.06460 (16110820)   136.29177 (13111221)   134.25097 (16111419)
130.61797 (16111207)
 4215040.6 | 136.19394 (16112022)   134.99771 (16110820)   129.05066 (13111221)   129.51063 (16111419)
126.09603 (15120707)
 4215020.6 | 129.99997 (16112022)   128.57369 (16110820)   126.01828 (16110820)   124.06485 (13111221)
122.00709 (16111419)

                         *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                             INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
               L0000477   ,

                              *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                   ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4216000.6 | 122.51803 (13111118)   119.50549 (15010819)   116.35934 (14120918)   113.01365 (14111720)
110.71175 (13111717)
 4215980.6 | 128.12806 (15011907)   125.62801 (14120918)   120.53712 (15113018)   118.75613 (13111717)
114.20472 (14120118)
 4215960.6 | 135.11775 (14120918)   129.70136 (16121408)   127.23680 (13111717)   123.01082 (14120118)
118.28411 (15010117)
 4215940.6 | 140.91911 (14120918)   136.80910 (14111720)   132.62491 (14120118)   127.25890 (15010117)
121.63242 (15010621)

 4215920.6 | 148.01455 (14111720)   144.02626 (13111717)   137.59246 (14111722)   131.43837 (15010621)
131.32806 (16110917)
 4215900.6 | 157.18438 (13111717)   149.73094 (14111722)   142.60326 (15010621)   141.96749 (16110917)
137.11764 (16110917)
 4215880.6 | 163.80874 (14111722)   155.61951 (15010117)   154.38499 (16110917)   148.74373 (16110917)
143.58776 (14110817)
 4215860.6 | 171.26112 (15010117)   168.77763 (16110917)   162.14498 (16110917)   156.40277 (14110817)
146.90169 (14110817)
 4215840.6 | 185.62720 (16110917)   177.73239 (16110917)   171.14418 (14110817)   158.85655 (14110817)
146.36393 (15120117)
 4215820.6 | 196.05032 (16110917)   188.22960 (14110817)   172.31654 (14110817)   160.27050 (15120117)
151.35904 (15112917)
 4215800.6 | 208.19659 (14110817)   187.51534 (14110817)   175.62556 (15120117)   165.41289 (13122217)
158.20648 (13011217)
 4215780.6 | 205.35418 (15120117)   193.65209 (15112917)   182.79151 (13122217)   172.58636 (13011217)
160.27621 (15010317)
 4215760.6 | 214.57266 (15120322)   203.13999 (13011217)   186.88121 (13011217)   176.27047 (15010317)
166.41641 (16012718)
 4215740.6 | 224.97226 (13011217)   207.71476 (15010317)   194.46449 (16012718)   181.08161 (16012718)
169.06079 (14120318)
 4215720.6 | 232.44282 (16011919)   214.45635 (16012718)   197.81993 (13110917)   190.97642 (13110917)
180.46683 (13110917)
 4215700.6 | 238.61916 (13110917)   226.69542 (13110917)   210.47599 (13110917)   191.97220 (13110917)
178.14366 (13122417)
 4215680.6 | 249.04619 (13110917)   224.57608 (13122417)   206.86483 (13122417)   188.50602 (13122417)
170.39456 (13122417)
 4215660.6 | 241.19927 (13122417)   216.41063 (13120417)   202.39872 (13120417)   188.31093 (13120417)
174.56719 (13120417)
 4215640.6 | 238.29128 (15122322)   221.26364 (15122322)   205.24458 (15122322)   190.22431 (15122322)
176.32460 (15122322)
 4215620.6 | 235.17884 (15122322)   213.04353 (15122322)   193.31471 (15122322)   178.72043 (16120520)
168.60623 (16120520)
 4215600.6 | 234.34144 (16120520)   216.38520 (16120520)   200.62911 (16120520)   186.65453 (16120520)
174.24869 (16120520)
 4215580.6 | 233.66921 (13111206)   216.38671 (13111206)   201.11835 (13111206)   187.68032 (13111206)
175.51727 (13111206)
 4215560.6 | 227.62162 (13111808)   211.52700 (13111808)   197.21682 (13111808)   184.28697 (13111808)
172.63441 (13111808)
 4215540.6 | 222.81672 (13111818)   208.21210 (13111818)   194.92127 (13111818)   182.74080 (13110318)
171.85771 (13110318)
 4215520.6 | 215.94621 (15111417)   199.25010 (15111417)   183.95065 (13111818)   174.25928 (13111818)
165.25869 (13111818)
 4215500.6 | 214.71017 (15111417)   201.83385 (15111417)   189.52595 (15111417)   177.68824 (15111417)
166.35927 (15111417)
 4215480.6 | 205.82295 (13111506)   192.75394 (15111920)   182.77498 (15111920)   172.94369 (15111920)
164.13394 (15111417)
 4215460.6 | 201.13655 (14010920)   187.22308 (14010920)   177.86794 (13111506)   168.75543 (13111506)
159.29992 (13111506)
 4215440.6 | 192.79377 (14010920)   184.48884 (14010920)   175.21552 (14010920)   165.15357 (14010920)
154.49081 (14010920)
 4215420.6 | 192.94995 (15110121)   180.23918 (15110121)   166.43925 (15110121)   159.23509 (14010920)
153.23602 (14010920)
 4215400.6 | 181.15439 (15110121)   175.87657 (15110121)   167.99791 (15110121)   158.23488 (15110121)
147.11408 (15110121)
 4215380.6 | 177.32898 (16112806)   161.31542 (16112806)   157.29863 (15110121)   153.84269 (15110121)
147.96470 (15110121)
 4215360.6 | 174.00819 (16112806)   165.00701 (16112806)   152.75260 (16112806)   138.48423 (16112806)
138.62968 (15110121)
 4215340.6 | 165.41425 (17010206)   159.15247 (17010206)   152.76719 (16112806)   143.90653 (16112806)
132.55200 (16112806)
 4215320.6 | 160.76313 (14012919)   149.89357 (17010206)   146.74089 (17010206)   140.89886 (16112806)
134.98208 (16112806)
 4215300.6 | 158.11078 (16110219)   148.83062 (14012919)   135.96412 (17010206)   135.20146 (17010206)
130.28202 (17010206)
 4215280.6 | 149.85803 (16110219)   145.93533 (16110219)   138.21982 (14012919)   127.31253 (14012919)
124.54304 (17010206)
 4215260.6 | 145.37886 (14012921)   138.33514 (13120720)   135.24427 (16110219)   128.72382 (14012919)
119.56048 (14012919)
 4215240.6 | 142.01988 (13112817)   134.25773 (14012921)   128.33157 (13120720)   125.78508 (16110219)

120.20891 (14012919)
 4215220.6 | 135.23316 (13112207)   131.46748 (13112817)   124.44393 (14012921)   119.49272 (13120720)
117.37183 (16110219)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4215200.6 | 144.30627 (16111220)   125.76807 (13112817)   122.09915 (13112817)   116.02537 (17012308)
111.65530 (13120720)
 4215180.6 | 150.18062 (16111220)   129.75635 (16111220)   117.68840 (13112817)   113.74566 (13112817)
108.62838 (17012308)
 4215160.6 | 151.14052 (16111220)   136.66738 (16111220)   116.69321 (16111220)   110.39597 (13112817)
106.56027 (14012921)
 4215140.6 | 147.28428 (16111220)   139.58645 (16111220)   124.34685 (16111220)   106.14771 (13112207)
103.77640 (13112817)
 4215120.6 | 142.52568 (16111418)   138.19086 (16111220)   128.60933 (16111220)   112.99956 (16111220)
99.68873 (13112207)
 4215100.6 | 137.24696 (16111418)   133.08915 (13011321)   129.14388 (16111220)   118.23335 (16111220)
102.61963 (16111220)
 4215080.6 | 132.71794 (16111122)   129.89861 (16111418)   125.99977 (16111220)   120.26721 (16111220)
108.52811 (16111220)
 4215060.6 | 129.99387 (14110717)   124.07939 (16111418)   122.02384 (16111418)   119.02032 (16111220)
111.69164 (16111220)
 4215040.6 | 124.80154 (14110717)   121.40584 (14110717)   118.53653 (16111418)   114.85916 (13011321)
111.94203 (16111220)
 4215020.6 | 118.96106 (16111207)   118.78588 (14110717)   114.01439 (16111122)   112.35914 (16111418)
109.38323 (16111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -

- - - - - - - -

 4216000.6 | 106.32852 (14111722)   103.00613 (15010117)   99.14037 (15120622)   99.83665 (16110917)
97.30715 (16110917)
 4215980.6 | 110.30090 (15010117)   105.85265 (15120622)   106.46184 (16110917)   103.62817 (16110917)
99.59833 (14110817)
 4215960.6 | 113.29013 (15120622)   113.80609 (16110917)   110.54843 (16110917)   106.54994 (14110817)
104.19372 (14110817)
 4215940.6 | 122.06489 (16110917)   118.37361 (16110917)   114.17807 (14110817)   110.98350 (14110817)
103.69021 (14110817)
 4215920.6 | 127.19596 (16110917)   122.73105 (14110817)   118.48782 (14110817)   109.71899 (14110817)
103.97389 (15120117)
 4215900.6 | 132.45795 (14110817)   126.80866 (14110817)   116.17872 (14110817)   111.59403 (15120117)
107.26674 (15112917)
 4215880.6 | 136.33877 (14110817)   123.42009 (14110817)   119.84350 (15120117)   114.55889 (15112917)
110.41032 (13122217)
 4215860.6 | 133.88807 (15120117)   128.90405 (15120117)   122.34537 (15112917)   118.36896 (13122217)
114.01797 (13011217)
 4215840.6 | 139.48830 (15112917)   132.96588 (13122217)   128.02692 (13011217)   121.01995 (13011217)
114.82595 (15010317)
 4215820.6 | 144.54790 (13122217)   137.96697 (13011217)   128.86819 (15111117)   123.82018 (15010317)
118.26652 (16011919)
 4215800.6 | 147.88885 (13011217)   140.27560 (15010317)   133.59908 (16011919)   127.19285 (16012718)
120.28916 (16113019)
 4215780.6 | 152.41854 (16011919)   144.68112 (16012718)   136.20863 (16113019)   128.94918 (14120318)
124.78849 (13110917)
 4215760.6 | 156.01538 (16113019)   146.71438 (14120318)   142.01280 (13110917)   137.22134 (13110917)
130.53759 (13110917)
 4215740.6 | 163.60025 (13110917)   156.51175 (13110917)   147.19259 (13110917)   136.54444 (13110917)
128.83537 (13122417)
 4215720.6 | 167.44614 (13110917)   154.11082 (13122417)   145.96946 (13122417)   136.69175 (13122417)
126.83681 (13122417)
 4215700.6 | 165.76421 (13122417)   152.69106 (13122417)   139.46822 (13122417)   132.80082 (13120417)
127.32339 (13120417)
 4215680.6 | 161.69516 (13120417)   153.05587 (13120417)   144.18778 (13120417)   135.42067 (15012007)
128.25905 (15122322)
 4215660.6 | 164.09483 (15122322)   155.15538 (15122322)   146.45376 (15122322)   138.05578 (15122322)
129.78999 (15122322)
 4215640.6 | 163.18723 (15122322)   150.93551 (15122322)   139.65246 (15122322)   129.26504 (15122322)
119.70001 (15122322)
 4215620.6 | 159.28357 (16120520)   150.72565 (16120520)   142.91515 (16120520)   135.82965 (16120520)
129.22991 (16120520)
 4215600.6 | 162.98235 (16120520)   152.77527 (16120520)   144.31261 (13111206)   137.04525 (13111206)
130.36756 (13111206)
 4215580.6 | 164.57361 (13111206)   154.68241 (13111206)   145.82635 (13111206)   137.97345 (13111206)
130.77618 (13111206)
 4215560.6 | 162.09829 (13111808)   152.61877 (13111808)   143.92205 (13111808)   136.19061 (13111808)
129.10527 (13111808)
 4215540.6 | 161.96287 (13110318)   152.74669 (13110318)   144.35295 (13110318)   136.78925 (13110318)
129.78065 (13110318)
 4215520.6 | 156.96620 (13111818)   149.11499 (13111818)   141.85426 (13111818)   135.21576 (13111818)
128.89046 (13111818)
 4215500.6 | 155.43096 (15111417)   145.25103 (16012518)   136.28134 (16012518)   127.78731 (16012518)
119.81123 (13111818)
 4215480.6 | 156.18656 (15111417)   148.32336 (15111417)   140.62720 (15111417)   133.07835 (15111417)
125.76245 (15111417)
 4215460.6 | 150.46795 (16012517)   143.85768 (15111920)   137.14924 (15111920)   130.38343 (15111920)
125.03228 (15111417)
 4215440.6 | 147.40930 (13111506)   141.10273 (13111506)   134.28039 (13111506)   127.61088 (16012517)
121.39593 (16012517)
 4215420.6 | 146.21070 (14010920)   138.31012 (14010920)   129.79551 (14010920)   124.49716 (13111506)
119.99386 (13111506)
 4215400.6 | 138.33681 (14010920)   134.67726 (14010920)   129.86095 (14010920)   124.16492 (14010920)
117.70976 (14010920)
 4215380.6 | 140.20986 (15110121)   131.07434 (15110121)   121.01758 (15110121)   118.96796 (14010920)
115.81652 (14010920)
 4215360.6 | 136.17366 (15110121)   131.56138 (15110121)   125.27552 (15110121)   117.67545 (15110121)
109.16544 (15110121)
 4215340.6 | 123.20426 (15110121)   123.55239 (15110121)   121.70468 (15110121)   117.97309 (15110121)

112.73099 (15110121)
 4215320.6 | 126.26267 (16112806)   115.59330 (16112806)   110.72218 (15110121)   111.08910 (15110121)
109.58097 (15110121)
 4215300.6 | 126.10956 (16112806)   119.69729 (16112806)   111.15859 (16112806)   101.17498 (16112806)
100.27831 (15110121)
 4215280.6 | 121.63488 (17010206)   117.41978 (16112806)   113.03063 (16112806)   106.38488 (16112806)
98.12485 (16112806)
 4215260.6 | 114.74278 (17010206)   113.42071 (17010206)   109.09560 (17010206)   106.35989 (16112806)
101.39835 (16112806)
 4215240.6 | 112.48109 (14012919)   105.76230 (17010206)   105.72364 (17010206)   102.82984 (17010206)
99.82962 (16112806)
 4215220.6 | 112.53504 (14012919)   106.00527 (14012919)   97.59045 (17010206)   98.53442 (17010206)
96.83869 (17010206)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 109.84529 (16110219)   105.60235 (14012919)   100.07807 (14012919)   92.09820 (14012919)
91.85954 (17010206)
 4215180.6 | 104.64517 (13120720)   103.09560 (16110219)   99.32848 (14012919)   94.64530 (14012919)
87.64549 (14012919)
 4215160.6 | 101.99117 (17012308)   98.35862 (13120720)   97.00956 (16110219)   93.62689 (14012919)
89.65214 (14012919)
 4215140.6 | 100.12864 (14012921)   96.02942 (17012308)   92.69108 (13120720)   91.50025 (16110219)
88.51268 (16110219)
 4215120.6 | 97.73732 (13112817)   94.27604 (14012921)   90.63462 (17012308)   87.55284 (13120720)
86.49465 (16110219)
 4215100.6 | 93.71076 (13112207)   92.19545 (13112817)   88.94461 (14012921)   85.71919 (17012308)
82.87238 (13120720)
 4215080.6 | 93.12392 (16111220)   88.46948 (13112817)   87.10353 (13112817)   84.05437 (14012921)
81.23108 (17012308)
 4215060.6 | 99.45956 (16111220)   86.19322 (13112207)   84.10955 (13112817)   82.40193 (13112817)
79.56911 (14012921)
 4215040.6 | 103.47076 (16111220)   91.03007 (16111220)   81.73444 (13112207)   80.02724 (13112817)
78.05688 (13112817)
 4215020.6 | 104.94566 (16111220)   95.66646 (16111220)   83.22728 (16111220)   77.53541 (13112207)
76.21753 (13112817)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                                INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,

L0000477 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	589.99149	(16111418)	539351.84	4215428.70	546.72277	(16111220)
539361.84	4215428.70	478.80425	(16111220)	539371.84	4215428.70	414.46645	(13112817)
539381.84	4215428.70	382.45396	(16110219)	539341.84	4215438.70	620.18207	(16111220)
539351.84	4215438.70	544.02828	(16111220)	539361.84	4215438.70	462.36685	(13112817)
539371.84	4215438.70	424.66909	(16110219)	539381.84	4215438.70	400.13069	(16110219)
539341.84	4215448.70	626.60698	(16111220)	539351.84	4215448.70	522.66147	(13112817)
539361.84	4215448.70	476.51319	(16110219)	539371.84	4215448.70	443.12945	(14012919)
539381.84	4215448.70	405.19122	(14012919)	539341.84	4215458.70	605.83795	(16111220)
539351.84	4215458.70	541.32990	(16110219)	539361.84	4215458.70	495.75118	(14012919)
539371.84	4215458.70	451.43066	(17010206)	539381.84	4215458.70	422.95691	(16112806)
539341.84	4215468.70	624.39493	(16110219)	539351.84	4215468.70	560.40820	(14012919)
539361.84	4215468.70	510.68965	(17010206)	539371.84	4215468.70	472.19481	(16112806)
539381.84	4215468.70	431.24866	(16112806)	539113.88	4215517.52	482.95846	(13110818)
539096.52	4215515.99	433.66217	(16112720)	539108.26	4215501.18	474.43437	(14012217)
539096.01	4215500.67	439.98401	(14012217)	539108.26	4215486.38	447.89229	(16011921)
539094.47	4215485.36	426.51226	(15012818)	539135.32	4215461.36	510.96975	(15110619)
539150.13	4215439.91	527.09138	(16110522)	539114.39	4215452.68	449.25713	(15110619)
539123.07	4215439.40	464.21841	(14012820)	539159.32	4215421.02	500.86181	(13122017)
539145.02	4215416.43	472.34227	(13122017)	539134.30	4215410.81	443.31512	(15111821)
539131.75	4215425.11	459.49637	(16110522)	539206.80	4215383.75	491.17795	(14122408)
539215.99	4215372.52	466.76342	(15121922)	539188.93	4215382.22	459.72310	(13111121)
539176.17	4215379.67	450.16699	(16110521)	539165.44	4215376.09	426.44213	(16110521)
539248.79	4215356.71	446.04727	(16111218)	539243.45	4215348.45	430.75864	(16110617)
539265.58	4215345.25	425.52118	(16111319)	539260.78	4215338.05	409.96603	(16111319)
539256.25	4215351.38	438.59789	(16111218)	539272.77	4215331.92	392.05484	(13111220)
539264.78	4215324.99	385.09465	(16111319)	539280.77	4215321.79	374.57690	(13111220)
539279.97	4215307.14	351.07831	(13111220)	539287.97	4215313.80	350.76160	(15110517)
539297.83	4215304.74	336.71498	(13010807)	539289.56	4215296.21	324.00469	(15110517)
539311.15	4215287.68	309.51541	(14110908)	539303.69	4215281.28	303.36060	(13010807)
539303.69	4215296.21	321.78274	(13010807)	539314.25	4215271.79	290.22648	

(14110908)
        539329.09   4215260.48   275.92344 (14110908)   539339.69   4215237.16   250.38034
(17123121)
        539357.36   4215232.92   241.37323 (15012109)   539394.11   4215199.70   209.80073
(16112022)
        539044.99   4215579.21   255.36397 (15110618)   539034.39   4215591.93   229.13992
(15120817)
        539054.88   4215556.59   340.63667 (15110618)   539058.42   4215538.92   349.67810
(15110618)
        539054.88   4215520.55   352.83997 (14121020)   539082.44   4215477.44   394.18431
(15012818)
        539073.96   4215466.13   362.83516 (15110219)   539098.70   4215440.69   410.51709
(15110619)
        539109.30   4215426.56   422.19078 (14012820)   539117.07   4215415.96   417.47690
(13012521)
        539125.55   4215401.11   418.72595 (15111821)   539158.77   4215367.19   401.15946
(16110521)
        539150.29   4215357.30   380.96074 (16112108)   539184.21   4215339.63   380.51987
(16121307)
        539222.37   4215324.79   380.01913 (13110719)   539243.58   4215317.72   367.72662
(16111218)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: CAR4
***
                               INCLUDING SOURCE(S):   L0000472   , L0000473   , L0000474   , L0000475   ,
L0000476   ,
                L0000477   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        539371.49   4215194.05   211.84637 (15012109)   539364.42   4215191.93   212.07980
(14122407)
        539344.64   4215200.41   221.06815 (17123121)   539409.65   4215113.48   165.61191
(14120620)
        539355.94   4215136.80   182.26695 (17123121)   539262.66   4215288.75   328.06250
(16111319)
        539282.44   4215261.19   289.22552 (13111220)   539299.41   4215235.04   253.13158
(13010807)
        539168.92   4215647.77   498.10642 (14121816)   538947.70   4216163.58   84.56403
(14120718)
        539352.12   4215798.21   305.56623 (16110318)   539367.62   4215566.76   592.45958
(15111417)
        539278.26   4215504.64   1134.05115 (16110518)   539297.51   4215494.11   801.77005
(14110717)
        539323.66   4215486.12   852.92519 (16111321)   539342.55   4215482.85   654.62417
(16112806)
        539367.23   4215481.23   499.31858 (15110121)   539397.77   4215487.94   394.64259
(14010920)
        539352.73   4215556.41   611.09514 (15111417)   539337.83   4215546.05   657.40141
(15111417)
        539322.94   4215535.70   810.46883 (15111417)   539308.05   4215525.35   737.85501
(17011208)
        539293.15   4215514.99   962.21158 (16032418)   539287.89   4215499.38   969.39981
(14110717)
        539310.58   4215490.12   1166.29497 (16122222)   539354.89   4215482.04   569.86575
(16112806)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538745.17	538765.17	538785.17	538805.17	538825.17
4216000.6	61.91824 (13111908)	64.43922 (13111908)	65.64670 (13111908)	67.08039 (15120921)	68.85633 (16120907)
4215980.6	62.12142 (16120919)	64.94998 (16120919)	67.84624 (13111908)	69.54129 (13111908)	70.81846 (15120921)
4215960.6	63.75839 (14122218)	65.02589 (16120621)	68.32320 (16120919)	71.47623 (13111908)	73.75064 (13111908)
4215940.6	65.08646 (14122218)	67.44739 (14122218)	68.80549 (16120621)	71.86486 (16120919)	75.33149 (13111908)
4215920.6	67.05749 (14112117)	68.50702 (15120318)	71.26199 (14122218)	73.15183 (14122218)	75.56038 (16120919)
4215900.6	69.22772 (14112117)	71.39959 (14112117)	72.89923 (15120318)	75.16329 (14122218)	77.94595 (14122218)
4215880.6	68.45177 (14112117)	72.57827 (14112117)	75.75660 (14112117)	77.69750 (14112117)	79.43645 (15120318)
4215860.6	70.73388 (14121419)	72.88965 (14121419)	75.69106 (14112117)	80.04464 (14112117)	83.14593 (14112117)
4215840.6	71.79489 (14121608)	74.69170 (14121608)	77.55582 (14121419)	79.81667 (14121419)	84.11295 (14112117)
4215820.6	73.03769 (13012606)	75.45885 (13012606)	78.89825 (14121608)	82.15154 (14121608)	85.53417 (14121419)
4215800.6	73.09510 (14010819)	76.56897 (13012606)	80.29372 (13012606)	83.17556 (13012606)	87.26719 (14121608)
4215780.6	75.78391 (14010819)	78.67071 (14010819)	80.84998 (14010819)	84.36007 (13012606)	88.84238 (13012606)
4215760.6	77.58046 (15110106)	80.44063 (13110819)	83.62926 (13110819)	87.08256 (14010819)	90.01087 (14010819)
4215740.6	78.49210 (13112007)	81.38713 (15110106)	85.53085 (15110106)	89.17457 (15110106)	92.99528 (13110819)
4215720.6	79.41759 (15120719)	82.87080 (13112007)	86.86132 (13112007)	90.42264 (13112007)	94.57786 (15110106)
4215700.6	79.78344 (14111519)	82.96205 (14111519)	87.14295 (15120719)	91.74301 (15120719)	96.13400 (13112007)
4215680.6	94.71080 (15110719)	83.67642 (15110719)	87.74387 (14111519)	92.29940 (14111519)	96.61371 (14111519)
4215660.6	96.55162 (14010720)	98.05443 (15110719)	88.82110 (15110719)	93.39653 (15110719)	97.84578 (15110719)
4215640.6	99.77280 (14111220)	101.82607 (14111220)	103.94952 (14010720)	93.80499 (14010720)	98.38517 (14010720)
4215620.6	102.16237 (14111220)	105.13956 (14111220)	107.94389 (14111220)	95.91194 (14111220)	100.71314 (14111220)
4215600.6	104.73040 (15120817)	106.56635 (15120817)	108.89007 (16013021)	112.56568 (16013021)	

118.29163 (16013021)
 4215580.6 | 107.45709 (15120817)   110.51184 (15120817)   113.59712 (15120817)   117.60301 (15120817)
123.68682 (15120817)
 4215560.6 | 104.76609 (16012421)   108.03978 (16012421)   112.21115 (16012421)   115.76704 (16012421)
122.24145 (16012421)
 4215540.6 | 100.31115 (14013007)   104.15799 (14013007)   107.82734 (14013007)   111.73411 (14013007)
117.53684 (14013007)
 4215520.6 | 119.94481 (14012720)   125.46982 (14012720)   130.94973 (14012720)   136.79359 (14012720)
144.76539 (14012720)
 4215500.6 | 145.64315 (14012720)   151.30531 (14012720)   157.29793 (14012720)   163.64755 (14012720)
172.87340 (14012720)
 4215480.6 | 154.69276 (14012720)   159.47352 (14012720)   164.44413 (14012720)   170.40261 (14012720)
176.81922 (16012422)
 4215460.6 | 153.89385 (14010718)   158.68760 (14010718)   163.53673 (14010718)   169.18270 (14010718)
174.93301 (14010718)
 4215440.6 | 154.58219 (13112022)   159.50523 (13112022)   164.99247 (13112022)   169.64044 (13112022)
174.03660 (13112022)
 4215420.6 | 146.08220 (13112022)   148.24051 (16011321)   156.97277 (16011321)   165.59530 (16011321)
173.96981 (16011321)
 4215400.6 | 152.94947 (16011321)   159.02273 (16011321)   163.91518 (16011321)   168.04602 (16011321)
172.09227 (14121020)
 4215380.6 | 148.41193 (16011321)   151.91041 (16112720)   157.48560 (16112720)   166.29168 (13111718)
176.12569 (13111718)
 4215360.6 | 152.42357 (13111718)   159.27735 (13111718)   164.86573 (13111718)   170.64816 (13121818)
176.56690 (13121818)
 4215340.6 | 154.07620 (13121818)   158.44389 (13121818)   165.14986 (13110818)   169.49067 (13110818)
171.51835 (13110818)
 4215320.6 | 152.72153 (13110818)   154.26332 (13110818)   154.11634 (13110818)   162.93690 (14012217)
171.26978 (15112517)
 4215300.6 | 144.91935 (14012217)   151.92077 (15112517)   160.13387 (15112517)   165.71868 (15112517)
173.47394 (16011921)
 4215280.6 | 150.00486 (15112517)   154.90261 (16011921)   160.04763 (16011921)   161.85388 (16011921)
160.88826 (16011921)
 4215260.6 | 148.87302 (16011921)   149.34111 (16011921)   146.52142 (16011921)   140.67945 (16011921)
138.97792 (15110219)
 4215240.6 | 134.63215 (16011921)   128.29150 (16011921)   126.49013 (15110219)   140.42855 (15111722)
157.60043 (15111722)
 4215220.6 | 116.04843 (15110219)   128.33457 (15111722)   143.87890 (15111722)   156.10261 (15111722)
164.79140 (15111722)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                               INCLUDING SOURCE(S):   HOSE   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
 -
- - - - - - - -

 4215200.6 | 132.20142 (15111722)   143.97511 (15111722)   152.42145 (15111722)   155.71133 (15111722)
159.25924 (14122917)
 4215180.6 | 141.70540 (15111722)   146.21743 (15111722)   146.27638 (14122917)   152.26207 (14122917)
158.51832 (16123020)
 4215160.6 | 138.05563 (15111722)   142.17147 (14122917)   147.28602 (16123020)   152.01074 (13111119)
156.33083 (15110619)
 4215140.6 | 136.66254 (16123020)   141.75148 (16123020)   146.33938 (13111119)   150.34547 (15110619)
150.52386 (15110619)

 4215120.6 | 136.76274 (13111119)   139.72703 (13111119)   143.29550 (15110619)   141.09088 (15110619)
141.57821 (14122918)
 4215100.6 | 135.12560 (15110619)   136.09207 (15110619)   131.60428 (15110619)   138.26204 (14122918)
146.81086 (14122918)
 4215080.6 | 128.55663 (15110619)   122.55100 (14122918)   134.67347 (14122918)   141.04967 (14122918)
141.47874 (13121819)
 4215060.6 | 120.57402 (14122918)   130.87959 (14122918)   135.31928 (14122918)   136.79748 (13121819)
141.66704 (13121819)
 4215040.6 | 126.93694 (14122918)   129.65883 (14122918)   132.22811 (13121819)   135.96845 (13012521)
139.25701 (13012521)
 4215020.6 | 124.09820 (14122918)   127.78029 (13121819)   131.16861 (13012521)   133.41809 (13012521)
128.04654 (13012521)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                               INCLUDING SOURCE(S):   HOSE   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
 -
- - - - - - - -

 4216000.6 | 70.86783 (16120906)   72.93836 (13110718)   79.42044 (16010420)   90.03342 (16010420)
97.97035 (16010420)
 4215980.6 | 72.79407 (16120907)   75.03489 (16120906)   77.30798 (13110718)   84.80280 (16010420)
96.25812 (16010420)
 4215960.6 | 74.88122 (15120921)   77.10878 (16120907)   79.64149 (16120906)   82.14910 (13110718)
90.80664 (16010420)
 4215940.6 | 78.30884 (13111908)   79.30304 (15120921)   81.97056 (15120921)   84.74168 (16120906)
87.53735 (13110718)
 4215920.6 | 79.42467 (13111908)   83.24748 (13111908)   84.89446 (13111908)   87.52264 (15120921)
90.41875 (16120906)
 4215900.6 | 79.67921 (16120621)   84.13633 (16120919)   88.60654 (13111908)   91.09200 (13111908)
93.68032 (15120921)
 4215880.6 | 82.96116 (14122218)   85.08753 (14122218)   89.32834 (16120919)   94.43100 (13111908)
97.94929 (13111908)
 4215860.6 | 85.07943 (15120318)   88.17275 (14122218)   91.53102 (14122218)   94.86918 (16120919)
100.74203 (13111908)
 4215840.6 | 88.62824 (14112117)   91.51739 (14112117)   93.75736 (15120318)   98.38434 (14122218)
101.10684 (16120621)
 4215820.6 | 87.87543 (14121419)   93.99897 (14112117)   98.57387 (14112117)   101.26871 (15120318)
105.58483 (14122218)
 4215800.6 | 90.97660 (14121608)   94.95920 (14121419)   99.04807 (14112117)   105.65796 (14112117)
110.10349 (14112117)
 4215780.6 | 92.33529 (13012606)   97.23160 (14121608)   101.71161 (14121419)   106.13399 (14121419)
112.49713 (14112117)
 4215760.6 | 93.56909 (13012606)   99.03877 (13012606)   103.33379 (13012606)   109.25664 (14121608)
114.76139 (14121419)
 4215740.6 | 96.93407 (14010819)   100.90837 (14010819)   104.58748 (13012606)   111.39252 (13012606)
116.76345 (13012606)
 4215720.6 | 99.49402 (15110106)   103.90795 (13110819)   108.76633 (13110819)   114.13961 (14010819)
118.18927 (14010819)
 4215700.6 | 101.15075 (13112007)   105.61362 (13112007)   111.55541 (15110106)   117.65920 (15110106)
123.85115 (13110819)
 4215680.6 | 101.49466 (15120719)   107.56415 (15120719)   113.36552 (13112007)   120.08372 (13112007)
126.04844 (13112007)
 4215660.6 | 102.12951 (15110719)   108.22576 (14111519)   114.35187 (14111519)   120.46935 (15120719)

128.89857 (15120719)
 4215640.6 | 103.08576 (16013020)   109.38531 (15110719)   115.94969 (15110719)   122.50016 (15110719)
129.44194 (14111519)
 4215620.6 | 122.68839 (14111220)   128.37643 (14111220)   116.44736 (14010720)   123.58916 (14010720)
130.91046 (14010720)
 4215600.6 | 124.28280 (16013021)   131.49598 (14111220)   138.91666 (14111220)   126.41061 (14111220)
134.61706 (14111220)
 4215580.6 | 130.17770 (15120817)   137.09965 (15120817)   143.38347 (15120817)   147.63966 (15120817)
135.12822 (15120817)
 4215560.6 | 129.27160 (16012421)   136.92085 (16012421)   144.16824 (16012421)   149.62974 (15120817)
157.52043 (15120817)
 4215540.6 | 123.86187 (14013007)   130.77725 (14013007)   137.74959 (14013007)   144.06608 (14013007)
151.68464 (14013007)
 4215520.6 | 153.50196 (14012720)   163.10848 (14012720)   173.03230 (14012720)   182.47140 (14012720)
193.63265 (14012720)
 4215500.6 | 182.05259 (14012720)   192.03631 (14012720)   202.92491 (14012720)   213.74888 (14012720)
225.54163 (14012720)
 4215480.6 | 185.33127 (16012422)   194.39447 (16012422)   203.02140 (16012422)   213.77814 (14010718)
226.23917 (14010718)
 4215460.6 | 183.36302 (13112022)   192.58325 (13112022)   203.09067 (13112022)   213.95816 (13112022)
225.10549 (13112022)
 4215440.6 | 178.92191 (13112022)   183.45851 (13112022)   190.63111 (16011321)   205.98238 (16011321)
220.74418 (16011321)
 4215420.6 | 182.76879 (16011321)   190.20507 (16011321)   197.78591 (16011321)   208.32271 (14121020)
219.30331 (16112720)
 4215400.6 | 178.55402 (16112720)   186.17572 (16112720)   196.30950 (13111718)   210.54981 (13111718)
223.43352 (13111718)
 4215380.6 | 184.04486 (13111718)   190.27176 (13111718)   199.05182 (13121818)   210.67618 (13110818)
221.34814 (13110818)
 4215360.6 | 183.70632 (13110818)   189.30365 (13110818)   193.73325 (13110818)   203.49943 (14012217)
217.12152 (14012217)
 4215340.6 | 174.41212 (14012217)   184.99228 (14012217)   194.57430 (15112517)   205.02167 (15112517)
216.99196 (16011921)
 4215320.6 | 180.11451 (15112517)   187.15595 (16011921)   194.61788 (16011921)   197.18327 (16011921)
194.58503 (16011921)
 4215300.6 | 177.68332 (16011921)   177.55062 (16011921)   173.15077 (16011921)   171.16434 (15110219)
193.39057 (15111722)
 4215280.6 | 155.78470 (16011921)   153.73240 (15110219)   173.03579 (15111722)   193.34972 (15111722)
208.51296 (15111722)
 4215260.6 | 155.92869 (15111722)   175.01898 (15111722)   189.67098 (15111722)   196.97623 (15111722)
202.47879 (14122917)
 4215240.6 | 171.83739 (15111722)   180.85595 (15111722)   183.53374 (14122917)   192.64696 (16123020)
201.33528 (13111119)
 4215220.6 | 167.86258 (15111722)   174.89551 (14122917)   182.69210 (16123020)   190.27006 (13111119)
196.43568 (15110619)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                                INCLUDING SOURCE(S):   HOSE   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
 -
- - - - - - - -

 4215200.6 | 165.97201 (16123020)   173.17204 (13111119)   179.56632 (15110619)   183.09068 (15110619)
178.58375 (14122918)

 4215180.6 | 164.46568 (13111119)   169.38537 (15110619)   169.28249 (15110619)   171.95850 (14122918)
185.46043 (14122918)
 4215160.6 | 159.70612 (15110619)   155.89156 (15110619)   164.65426 (14122918)   174.90177 (14122918)
180.24571 (13121819)
 4215140.6 | 144.54289 (14122918)   158.20821 (14122918)   164.39896 (14122918)   170.29807 (13121819)
177.99690 (13012521)
 4215120.6 | 152.55212 (14122918)   156.24391 (14122918)   161.51391 (13121819)   167.69649 (13012521)
166.56866 (13012521)
 4215100.6 | 147.98416 (14122918)   154.57365 (13121819)   159.17645 (13012521)   157.02561 (13012521)
156.78108 (16110522)
 4215080.6 | 147.96078 (13121819)   152.10305 (13012521)   148.35498 (13012521)   148.44638 (16110522)
149.34831 (13012022)
 4215060.6 | 145.47457 (13012521)   141.07909 (13012521)   141.05363 (16110522)   141.78372 (13012022)
149.72205 (15013018)
 4215040.6 | 134.32622 (13012521)   134.44101 (16110522)   135.10856 (16110522)   141.71170 (15013018)
154.50646 (15013018)
 4215020.6 | 128.35538 (16110522)   128.85843 (16110522)   134.26152 (15013018)   147.38817 (15013018)
150.08297 (15013018)
 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
   07/15/25
 *** AERMET - VERSION 18081 ***   ***   ***
  15:15:41

  PAGE 526
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                               INCLUDING SOURCE(S):   HOSE   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -
- - - - - - - -

 4216000.6 | 101.93989 (16010420)   104.95842 (16121317)   105.96798 (16121317)   109.49039 (15120918)
115.82774 (15011617)
 4215980.6 | 104.59388 (16010420)   108.34275 (16010420)   112.02033 (16121317)   111.85382 (16121317)
117.06040 (15120918)
 4215960.6 | 103.20294 (16010420)   111.93562 (16010420)   115.33375 (16010420)   119.64527 (16121317)
120.49709 (15120918)
 4215940.6 | 97.53134 (16010420)   110.97441 (16010420)   120.10486 (16010420)   123.18625 (16121317)
127.89202 (16121317)
 4215920.6 | 93.55755 (13110718)   105.08866 (16010420)   119.72136 (16010420)   129.23013 (16010420)
133.21636 (16121317)
 4215900.6 | 96.75467 (16120906)   100.31971 (13110718)   113.64220 (16010420)   129.62014 (16010420)
139.46478 (16010420)
 4215880.6 | 100.54754 (15120921)   103.88737 (16120907)   107.95819 (13110718)   123.38458 (16010420)
140.88946 (16010420)
 4215860.6 | 105.54610 (13111908)   108.20931 (15120921)   112.17023 (16120907)   116.63819 (13110718)
134.55885 (16010420)
 4215840.6 | 107.56023 (13111908)   113.96750 (13111908)   116.81170 (15120921)   121.60087 (16120907)
126.60325 (13110718)
 4215820.6 | 109.66945 (14122218)   115.63287 (16120919)   123.33272 (13111908)   127.23213 (13111908)
132.39779 (16120907)
 4215800.6 | 113.11448 (15120318)   119.32918 (14122218)   124.43394 (16120919)   133.75759 (13111908)
139.73749 (13111908)
 4215780.6 | 119.48959 (14112117)   123.47971 (14112117)   129.72543 (14122218)   134.75248 (14122218)
145.40624 (13111908)
 4215760.6 | 119.65949 (14121419)   128.92455 (14112117)   136.08523 (14112117)   140.77026 (14122218)
149.17506 (14122218)
 4215740.6 | 124.07741 (14121608)   130.94414 (14121419)   137.99635 (14112117)   149.21486 (14112117)
156.12122 (14112117)
 4215720.6 | 126.74327 (13012606)   133.59958 (13012606)   142.74785 (14121608)   151.38624 (14121419)

162.43075 (14112117)
 4215700.6 | 130.49518 (14010819)   136.42958 (14010819)   146.14943 (13012606)   155.16027 (13012606)
166.83641 (14121608)
 4215680.6 | 134.64632 (15110106)   142.45954 (13110819)   151.08185 (14010819)   159.78285 (14010819)
171.25400 (13012606)
 4215660.6 | 137.02834 (13112007)   146.23154 (13112007)   155.41081 (15110106)   166.89476 (15110106)
178.19937 (13110819)
 4215640.6 | 138.51027 (14111519)   147.32819 (14111519)   158.73819 (15120719)   170.61222 (13112007)
183.87276 (13112007)
 4215620.6 | 139.95578 (15110719)   150.17784 (15110719)   160.51005 (15110719)   172.48728 (14111519)
186.43326 (14111519)
 4215600.6 | 143.25021 (14111220)   152.20959 (14111220)   162.28881 (14010720)   174.82833 (14010720)
188.79990 (15110719)
 4215580.6 | 142.93984 (15120817)   153.80687 (15110220)   165.92457 (15110220)   179.11887 (15110220)
194.29260 (14111220)
 4215560.6 | 146.36891 (15120817)   157.39002 (15120817)   169.66378 (15120817)   183.31145 (15120817)
198.66657 (15120817)
 4215540.6 | 145.17400 (14013007)   155.55366 (14013007)   167.14820 (14013007)   180.57722 (14121619)
196.05248 (14121619)
 4215520.6 | 204.99366 (14012720)   207.34240 (15110618)   224.20650 (15110618)   243.60027 (15110618)
265.84744 (15110618)
 4215500.6 | 238.42853 (14012720)   252.55537 (14012720)   251.70030 (15110618)   271.60732 (15110618)
293.75139 (15110618)
 4215480.6 | 238.32238 (14010718)   251.13074 (14010718)   263.14899 (14010718)   257.05768 (13112022)
279.41601 (13112022)
 4215460.6 | 236.41435 (13112022)   246.45569 (13112022)   254.79656 (13112022)   248.05232 (14121020)
276.16194 (14121020)
 4215440.6 | 236.70480 (16011321)   249.94117 (16011321)   264.17735 (14121020)   280.15195 (14121020)
279.76440 (16112720)
 4215420.6 | 232.51851 (16112720)   248.46093 (13111718)   265.67700 (13111718)   279.74874 (13121818)
296.85001 (13110818)
 4215400.6 | 236.88059 (13121818)   250.21828 (13110818)   262.83332 (13110818)   270.73908 (14012217)
293.08479 (14012217)
 4215380.6 | 229.41513 (13110818)   243.93881 (14012217)   257.53845 (14012217)   271.65957 (16011921)
286.45796 (16011921)
 4215360.6 | 231.35943 (15112517)   243.90502 (16011921)   251.62870 (16011921)   250.79898 (16011921)
251.59248 (15110219)
 4215340.6 | 223.37015 (16011921)   220.90834 (16011921)   218.68533 (15110219)   247.82572 (15111722)
273.91580 (15111722)
 4215320.6 | 192.66933 (15110219)   218.13151 (15111722)   241.89229 (15111722)   256.56496 (15111722)
265.82334 (14122917)
 4215300.6 | 216.50902 (15111722)   230.49459 (15111722)   236.53366 (14122917)   249.61308 (16123020)
262.07895 (13111119)
 4215280.6 | 214.52984 (15111722)   223.50833 (14122917)   235.28328 (13111119)   245.20942 (15110619)
245.50962 (15110619)
 4215260.6 | 211.90604 (16123020)   221.79485 (13111119)   228.50620 (15110619)   224.66920 (14122918)
245.54665 (14122918)
 4215240.6 | 209.37919 (15110619)   211.44403 (15110619)   215.40521 (14122918)   229.12622 (14122918)
238.59168 (13121819)
 4215220.6 | 194.46811 (15110619)   205.99091 (14122918)   214.62105 (14122918)   223.88865 (13121819)
230.62862 (13012521)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                               INCLUDING SOURCE(S):   HOSE   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17

539025.17
 -
- - - - - - - -

 4215200.6 | 195.90576 (14122918)   200.99728 (14122918)   211.06734 (13012521)   215.80999 (13012521)
214.78480 (16110522)
 4215180.6 | 189.84189 (13121819)   199.43997 (13012521)   202.52398 (13012521)   200.78630 (16110522)
204.26103 (15111821)
 4215160.6 | 188.77828 (13012521)   190.47077 (13012521)   188.35731 (16110522)   190.90670 (15111821)
207.99354 (15013018)
 4215140.6 | 178.10003 (13012521)   177.00918 (16110522)   178.72033 (15111821)   195.05403 (15013018)
204.84238 (15013018)
 4215120.6 | 166.23735 (16110522)   167.86770 (13012022)   182.17996 (15013018)   193.22520 (15013018)
186.38376 (15013018)
 4215100.6 | 158.12310 (13012022)   170.09706 (15013018)   182.49907 (15013018)   178.61598 (15013018)
185.67215 (14110917)
 4215080.6 | 159.20410 (15013018)   172.08942 (15013018)   170.64859 (15013018)   169.92081 (14110917)
189.33601 (14110917)
 4215060.6 | 162.03919 (15013018)   162.57593 (15013018)   154.63234 (14110917)   176.40441 (14110917)
182.14805 (14110917)
 4215040.6 | 155.78214 (15013018)   145.45185 (15013018)   163.43447 (14110917)   173.09161 (14110917)
165.43117 (14110917)
 4215020.6 | 141.63701 (15013018)   151.75854 (14110917)   164.02185 (14110917)   160.99795 (14110917)
151.75781 (16112108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                              *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                                  INCLUDING SOURCE(S):   HOSE   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
 -
- - - - - - - -

 4216000.6 | 117.90033 (15011617)   120.60400 (15011619)   123.82900 (14120718)   125.10187 (15010521)
128.64877 (16121318)
 4215980.6 | 124.48988 (15011617)   125.95001 (17011717)   128.89993 (15011619)   132.84457 (14120718)
131.78405 (15010521)
 4215960.6 | 127.33115 (15011617)   133.26853 (15011617)   135.27878 (17011717)   138.81563 (14120718)
141.15480 (15010521)
 4215940.6 | 130.57093 (15120918)   138.83017 (15011617)   141.86761 (15011617)   145.86754 (15011619)
150.57232 (14120718)
 4215920.6 | 136.80655 (16121317)   141.40162 (15120918)   150.92008 (15011617)   153.51252 (17011717)
157.00556 (14120718)
 4215900.6 | 144.41490 (16121317)   146.38339 (16121317)   154.42120 (15011617)   163.33443 (15011617)
166.42754 (15011619)
 4215880.6 | 151.03771 (16010420)   156.89913 (16121317)   159.16988 (15120918)   170.92559 (15011617)
175.67129 (15011617)
 4215860.6 | 153.84377 (16010420)   164.13163 (16010420)   170.84592 (16121317)   175.40068 (15120918)
188.64853 (15011617)
 4215840.6 | 147.52290 (16010420)   168.83436 (16010420)   179.04792 (16010420)   186.39418 (16121317)
193.23581 (15120918)
 4215820.6 | 138.13383 (13110718)   162.68466 (16010420)   186.30211 (16010420)   196.49923 (14121816)
204.37325 (14121816)
 4215800.6 | 144.93069 (16120907)   151.82002 (16120906)   180.54199 (16010420)   206.81735 (16010420)
224.95615 (14121816)
 4215780.6 | 154.20902 (13111908)   160.11933 (15120921)   168.12514 (16120906)   201.88260 (16010420)

231.21630 (16010420)
 4215760.6 | 158.63169 (16120919)   170.93688 (13111908)   178.05929 (15120921)   187.59695 (16120906)
227.68924 (16010420)
 4215740.6 | 165.14168 (14122218)   174.40585 (16120919)   190.37077 (13111908)   199.41069 (15120921)
211.21028 (16120906)
 4215720.6 | 174.60832 (14112117)   182.56156 (14122218)   194.32278 (14122218)   213.04373 (13111908)
225.38000 (13111908)
 4215700.6 | 177.63498 (14121419)   194.00253 (14112117)   206.63381 (14112117)   220.72749 (14122218)
239.71881 (13111908)
 4215680.6 | 183.24594 (13012606)   198.38796 (14121608)   213.26807 (14112117)   235.88624 (14112117)
250.95667 (14122218)
 4215660.6 | 190.35402 (14010819)   204.41070 (13012606)   221.16245 (13012606)   242.08979 (14121419)
267.12255 (14112117)
 4215640.6 | 198.29267 (15110106)   214.02818 (13110819)   231.51651 (14010819)   250.32690 (13012606)
275.46219 (14121608)
 4215620.6 | 202.50671 (15120719)   220.66988 (13112007)   240.76615 (13112007)   264.87130 (15110106)
290.23212 (13110819)
 4215600.6 | 206.13288 (15110719)   223.90847 (15110719)   246.02444 (14111519)   271.43954 (15120719)
302.94631 (15120719)
 4215580.6 | 211.21515 (14111220)   229.46983 (14111220)   249.96287 (14010720)   275.84756 (14010720)
309.94139 (15110719)
 4215560.6 | 215.68389 (15120817)   234.81200 (15120817)   256.34320 (15120817)   282.84809 (15110220)
317.54380 (15110220)
 4215540.6 | 213.48460 (14121619)   233.62303 (14121619)   257.08280 (14121619)   284.87889 (14121619)
319.19111 (15120817)
 4215520.6 | 290.83711 (15110618)   319.86538 (15110618)   353.89335 (15110618)   394.63804 (15110618)
444.10701 (15110618)
 4215500.6 | 318.16439 (15110618)   345.71574 (15110618)   376.90818 (15110618)   412.81114 (15110618)
455.21730 (14010718)
 4215480.6 | 303.52250 (13112022)   329.61484 (13112022)   357.53120 (13112022)   387.14475 (13112022)
446.78528 (14121020)
 4215460.6 | 305.75476 (14121020)   336.59935 (14121020)   367.52564 (14121020)   402.26200 (16112720)
436.87076 (13111718)
 4215440.6 | 297.64408 (16112720)   322.60513 (15121208)   352.31877 (15121208)   382.34545 (13110818)
432.56064 (14012217)
 4215420.6 | 318.82633 (13110818)   343.11411 (14012217)   377.26788 (14012217)   405.91952 (16011921)
397.13689 (16011921)
 4215400.6 | 312.67097 (15112517)   337.57375 (16011921)   352.89304 (16011921)   359.29197 (15110219)
417.07922 (15111722)
 4215380.6 | 293.77038 (16011921)   297.75342 (15110219)   345.36839 (15111722)   383.16443 (15111722)
405.27675 (16123020)
 4215360.6 | 287.81152 (15111722)   321.75037 (15111722)   341.02051 (14122917)   369.87978 (13111119)
391.66761 (15110619)
 4215340.6 | 290.54356 (15111722)   310.54791 (16123020)   334.06971 (13111119)   346.87805 (15110619)
372.18322 (14122918)
 4215320.6 | 283.96642 (13111119)   301.95644 (15110619)   305.59079 (14122918)   334.43539 (14122918)
357.35660 (13012521)
 4215300.6 | 272.36550 (15110619)   283.08505 (14122918)   300.31331 (14122918)   321.67727 (13012521)
330.90205 (16110522)
 4215280.6 | 263.13509 (14122918)   275.09741 (13121819)   291.67355 (13012521)   298.50631 (16110522)
311.38622 (15111821)
 4215260.6 | 254.78549 (13121819)   267.30829 (13012521)   271.42015 (16110522)   281.20789 (15111821)
304.85229 (15013018)
 4215240.6 | 247.29250 (13012521)   249.01524 (16110522)   256.87085 (15111821)   277.89370 (15013018)
272.37876 (15013018)
 4215220.6 | 230.72174 (16110522)   236.54651 (15111821)   256.72922 (15013018)   255.32784 (15013018)
281.64723 (14110917)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                               INCLUDING SOURCE(S):   HOSE   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539045.17	539065.17	539085.17	539105.17	539125.17
4215200.6	219.35348 (15111821)	238.96910 (15013018)	240.59535 (15013018)	254.65614 (14110917)	267.98347 (14110917)
4215180.6	223.04281 (15013018)	227.83388 (15013018)	230.57573 (14110917)	251.12245 (14110917)	238.91359 (16112108)
4215160.6	215.93862 (15013018)	209.01654 (14110917)	233.87819 (14110917)	230.42799 (14110917)	229.64649 (13121808)
4215140.6	193.22392 (15013018)	217.46851 (14110917)	221.27274 (14110917)	208.57512 (16112108)	222.57007 (13121808)
4215120.6	201.33847 (14110917)	211.46696 (14110917)	198.41981 (16112108)	210.06888 (13121808)	214.69161 (15112508)
4215100.6	200.71249 (14110917)	193.48052 (14110917)	194.05453 (13121808)	201.67488 (13121808)	208.28088 (13111121)
4215080.6	188.50506 (14110917)	176.70973 (16112108)	192.57479 (13121808)	196.65844 (15112508)	198.43202 (13111121)
4215060.6	169.05530 (16112108)	180.70422 (13121808)	183.43476 (15112508)	191.31042 (13111121)	189.90594 (14110418)
4215040.6	165.54992 (13121808)	175.69574 (13121808)	179.31153 (15112508)	181.54158 (13111121)	186.49584 (14110418)
4215020.6	165.62089 (13121808)	168.08900 (15112508)	174.38112 (13111121)	173.50002 (14110418)	178.05116 (14110418)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539145.17	539165.17	539185.17	539205.17	539225.17
4216000.6	130.62118 (16122022)	134.57854 (14121720)	135.87191 (15010808)	138.44939 (16011117)	140.78684 (16011217)
4215980.6	138.51445 (16121318)	141.53481 (14121720)	143.50914 (15120217)	144.66065 (15010808)	147.70413 (15121807)
4215960.6	145.53233 (16121318)	148.23652 (16012122)	152.37911 (15120217)	154.39509 (15010808)	156.80431 (16011117)
4215940.6	149.72853 (15010521)	157.19129 (16121318)	161.50273 (14121720)	162.95667 (15010808)	166.93862 (16011117)
4215920.6	161.00778 (15010521)	166.50864 (16121318)	169.93656 (16012122)	174.36402 (15120217)	175.95653 (16011117)
4215900.6	172.54085 (14120718)	172.23497 (15010521)	180.38311 (16121318)	185.90106 (14121720)	189.05165 (15010808)
4215880.6	181.15791 (15011619)	186.44487 (14120718)	192.99804 (16121318)	197.88211 (14121720)	200.75811 (15010808)
4215860.6	193.04062 (17011717)	200.18816 (14120718)	200.97877 (15010521)	210.17941 (16122022)	217.86096 (15120217)
4215840.6	207.22176 (15011617)	212.41178 (15011619)	219.53548 (14120718)	227.44945 (16121318)	

234.67722 (14121720)
 4215820.6 | 218.14622 (15011617)   226.71626 (17011717)   235.92514 (14120718)   239.01010 (16121318)
251.07451 (16012122)
 4215800.6 | 226.36536 (14121816)   245.99836 (15011617)   253.19730 (17011717)   263.90951 (14120718)
273.94092 (16121318)
 4215780.6 | 259.26259 (14121816)   254.93932 (15120918)   276.05229 (15011617)   283.53283 (15011619)
291.25444 (16121318)
 4215760.6 | 260.49797 (16010420)   298.89182 (14121816)   292.97736 (15011617)   310.16409 (17011717)
325.41971 (14120718)
 4215740.6 | 259.33246 (16010420)   309.40174 (14121816)   349.05798 (14121816)   341.20665 (15011617)
354.79302 (15011619)
 4215720.6 | 240.36811 (16120906)   298.94918 (16010420)   377.59458 (14121816)   407.96594 (14121816)
395.72968 (15011617)
 4215700.6 | 259.96809 (13111908)   276.96154 (16120906)   349.30432 (16010420)   467.07901 (14121816)
474.56679 (14121816)
 4215680.6 | 272.18400 (16120919)   303.23970 (13111908)   324.02126 (16120906)   422.31271 (14121816)
583.56253 (14121816)
 4215660.6 | 293.21448 (14112117)   318.12977 (14122218)   358.34136 (13111908)   386.33031 (16120907)
551.14503 (14121816)
 4215640.6 | 306.00673 (14121419)   345.70547 (14112117)   378.72476 (14122218)   429.75937 (13111908)
474.42848 (15120921)
 4215620.6 | 317.75161 (13012606)   357.91417 (14121608)   404.08402 (14121419)   466.71453 (14112117)
524.29072 (13111908)
 4215600.6 | 337.60015 (13112007)   380.81658 (15110106)   428.10940 (14010819)   492.81475 (14121608)
581.22954 (14112117)
 4215580.6 | 346.97686 (14111519)   395.33146 (14111519)   457.19867 (15120719)   531.35640 (15110106)
621.52692 (14010819)
 4215560.6 | 359.97447 (14111220)   409.95975 (14111220)   469.07288 (14010720)   553.58002 (15110719)
662.71131 (14111519)
 4215540.6 | 364.06791 (15120817)   419.81550 (15120817)   489.95516 (15120817)   579.49378 (15120817)
697.13833 (15120817)
 4215520.6 | 505.09797 (15110618)   580.86001 (15110618)   676.79745 (15110618)   799.91852 (15110618)
964.96555 (15110618)
 4215500.6 | 511.80409 (14010718)   583.46918 (13112022)   674.77944 (13112022)   784.28641 (13112022)
938.18661 (14121020)
 4215480.6 | 514.14984 (14121020)   585.92191 (14121020)   666.37673 (16112720)   766.68483 (15121208)
911.46005 (14012217)
 4215460.6 | 493.89391 (15121208)   551.52247 (13110818)   646.00463 (14012217)   730.89704 (15012818)
809.95162 (15110219)
 4215440.6 | 483.12417 (15012818)   523.24752 (15012818)   568.57460 (15110219)   672.80168 (15111722)
772.56581 (13111119)
 4215420.6 | 426.90683 (15110219)   495.10409 (15110219)   551.08088 (15122508)   624.61484 (15110619)
713.60326 (14012820)
 4215400.6 | 421.07123 (15111722)   468.62799 (15122508)   510.54998 (15110619)   586.16863 (14012820)
646.56285 (16110522)
 4215380.6 | 400.96092 (15110619)   434.59276 (17012519)   489.51553 (14012820)   534.99337 (16110522)
586.97089 (13122017)
 4215360.6 | 411.48271 (14122918)   414.82694 (14012820)   452.41263 (16110522)   491.44978 (13122017)
529.79539 (14110917)
 4215340.6 | 396.52072 (13012521)   416.11159 (16110522)   418.66298 (13122017)   432.55120 (14110917)
489.60164 (14110917)
 4215320.6 | 369.44838 (16110522)   389.41413 (13122017)   409.81307 (15013018)   423.72129 (14110917)
424.02513 (16112108)
 4215300.6 | 346.02074 (15111821)   372.78320 (15013018)   402.76734 (14110917)   376.26916 (16112108)
402.29220 (16110521)
 4215280.6 | 337.70977 (15013018)   355.83190 (14110917)   371.28921 (14110917)   346.28652 (16110521)
359.07442 (13111121)
 4215260.6 | 310.62734 (14110917)   344.93759 (14110917)   327.92005 (13121808)   345.85212 (16110521)
335.80052 (16121307)
 4215240.6 | 311.79214 (14110917)   302.68120 (14110917)   314.65138 (16110521)   325.43140 (13111121)
311.34410 (16121307)
 4215220.6 | 285.86096 (14110917)   287.25536 (13121808)   299.10007 (13111121)   306.05391 (14110418)
287.66036 (14122408)

Y-COORD (METERS)	X-COORD (METERS)				
	539145.17	539165.17	539185.17	539205.17	539225.17
4215200.6	254.88587 (13121808)	271.26274 (16110521)	282.31297 (13111121)	290.00291 (14110418)	269.00671 (14122408)
4215180.6	251.30096 (13121808)	261.26557 (13111121)	267.09661 (14110418)	267.59566 (15121718)	270.15897 (14012722)
4215160.6	237.97934 (15112508)	246.67163 (13111121)	254.91004 (14110418)	250.03115 (14122408)	255.31079 (16112721)
4215140.6	230.43707 (13111121)	233.48258 (14110418)	236.33775 (15121718)	239.35896 (14012722)	241.94464 (16112721)
4215120.6	218.62535 (13111121)	224.96845 (14110418)	220.84914 (15111721)	224.69108 (14012722)	227.59693 (15110620)
4215100.6	208.68076 (14110418)	211.01893 (15121718)	210.81936 (14012722)	215.75678 (16112721)	218.35609 (14112820)
4215080.6	203.57750 (14110418)	197.33518 (15111721)	201.90411 (14012722)	204.65503 (16112721)	210.50205 (14112820)
4215060.6	192.71598 (14110418)	186.68092 (14012722)	189.89535 (16112721)	193.57117 (15110620)	200.25527 (14110821)
4215040.6	182.35812 (15121718)	182.62440 (14012722)	184.78376 (16112721)	187.20137 (15110620)	192.43832 (14110821)
4215020.6	172.84649 (15111721)	175.25641 (14012722)	177.83238 (16112721)	182.21679 (14112820)	184.07654 (14110821)

Y-COORD (METERS)	X-COORD (METERS)				
	539245.17	539265.17	539285.17	539305.17	539325.17
4216000.6	142.40064 (16011217)	145.06801 (16011818)	145.19328 (16010219)	146.19192 (16010221)	136.97423 (16010221)
4215980.6	152.20213 (16011217)	153.90298 (16011818)	153.47609 (16010219)	155.08127 (16010221)	146.71010 (16010221)
4215960.6	162.01872 (16011217)	162.99097 (16011818)	162.14748 (16010219)	164.68438 (16010221)	157.50369 (16010221)
4215940.6	171.52252 (16011217)	172.09929 (16011818)	171.23353 (16011818)	175.05517 (16010221)	169.41662 (16010221)
4215920.6	180.55377 (15121807)	182.87367 (16011217)	185.36192 (16011818)	186.75508 (17012607)	182.81607 (16010221)
4215900.6	191.76238 (16011117)	198.37698 (16011217)	200.45263 (16011818)	200.75450 (16010219)	

197.83187 (16010221)
 4215880.6 | 207.12606 (16011117)   214.08938 (16011217)   216.40585 (16011818)   216.72136 (16010219)
214.60939 (16010221)
 4215860.6 | 221.07842 (16011117)   229.48161 (16011217)   232.91417 (16011818)   234.01050 (16010219)
233.42160 (16010221)
 4215840.6 | 239.49218 (15010808)   244.72811 (15121807)   249.61334 (16011818)   252.91133 (16010219)
254.73315 (16010221)
 4215820.6 | 259.13693 (15120217)   266.71904 (16011117)   274.51265 (16011217)   273.12736 (16010219)
279.16500 (16010221)
 4215800.6 | 283.17591 (14121720)   289.92302 (16011117)   302.53468 (16011217)   303.77070 (16011818)
306.88300 (16010221)
 4215780.6 | 307.53302 (16012122)   318.06617 (15010808)   330.77301 (16011217)   337.78692 (16011818)
339.16614 (16010221)
 4215760.6 | 338.82344 (16121318)   352.00953 (15120217)   362.46600 (16011117)   374.70190 (16011818)
376.60840 (16010221)
 4215740.6 | 366.16942 (16121318)   404.64842 (15120816)   405.18398 (16011117)   419.11082 (16011217)
424.76841 (16010219)
 4215720.6 | 415.08755 (14120718)   459.69379 (15120816)   453.18237 (15010808)   479.54326 (16011217)
482.85708 (16010219)
 4215700.6 | 462.57861 (17011717)   481.02224 (16121318)   561.72328 (15120816)   542.12624 (16011217)
550.57289 (16010219)
 4215680.6 | 546.62422 (14121816)   555.11379 (14120718)   680.03520 (15120816)   626.45877 (16011117)
650.31611 (16011818)
 4215660.6 | 738.81688 (14121816)   642.89768 (15011617)   738.91554 (15120816)   820.45315 (15120816)
769.06376 (16011818)
 4215640.6 | 743.24139 (14121816)   950.39204 (14121816)   803.54998 (17011717)   1105.39708 (15120816)
947.36153 (16011217)
 4215620.6 | 603.50742 (15120921)   1036.25463 (14121816)   1237.81806 (14121816)   1299.08298 (15120816)
1259.94796 (15120816)
 4215600.6 | 676.46710 (14122218)   806.09037 (13111908)   1564.63963 (14121816)   1628.26534 (14121816)
2032.40522 (15120816)
 4215580.6 | 743.07982 (14121608)   927.51521 (14112117)   1150.27849 (13111908)   2530.82240 (14121816)
2761.97445 (15120816)
 4215560.6 | 816.86082 (15120719)   1016.17505 (15110106)   1302.64682 (14121608)   1785.12343 (13111908)
4316.49903 (14121816)
 4215540.6 | 854.78273 (15120817)   1103.20090 (14111220)   1602.53731 (15120916)   2261.49262 (15120916)
3317.99968 (14112117)
 4215520.6 | 1189.71922 (15110618)   1521.17521 (14012720)   2029.27622 (14012720)   2858.38802 (14012720)
4369.84429 (13112022)
 4215500.6 | 1167.90931 (14121020)   1455.20228 (13111718)   1933.39200 (14012217)   2518.44754 (15111722)
3601.67092 (13012521)
 4215480.6 | 1109.93730 (14012217)   1277.86362 (15110219)   1668.28983 (13111119)   2121.41878 (13012521)
2694.70328 (14110917)
 4215460.6 | 988.77326 (15111722)   1180.82795 (15110619)   1415.32470 (13012521)   1762.84501 (14110917)
1989.81035 (14110418)
 4215440.6 | 888.11378 (17012519)   1036.43949 (16110522)   1200.79762 (14110917)   1364.81904 (16110521)
1512.82308 (16112721)
 4215420.6 | 803.56984 (16110522)   899.69092 (15013018)   1017.74544 (14110917)   1131.21835 (14110418)
1213.20369 (14110821)
 4215400.6 | 716.02872 (13122017)   816.75099 (14110917)   863.08626 (16110521)   935.30054 (14111418)
1029.65320 (16110617)
 4215380.6 | 655.67636 (14110917)   686.39357 (16110521)   747.45697 (14110418)   782.83482 (16112721)
861.20400 (16110617)
 4215360.6 | 566.27812 (16112108)   603.00512 (16110521)   648.97285 (14122408)   677.92163 (14112820)
715.81734 (16110617)
 4215340.6 | 513.93583 (16110521)   541.99963 (16121307)   571.73635 (14111418)   600.55334 (13110719)
607.17901 (16111218)
 4215320.6 | 454.24762 (13111121)   479.81614 (14122408)   497.52628 (16112721)   539.15854 (16110617)
541.19791 (16111218)
 4215300.6 | 418.84223 (16121307)   439.24648 (14111418)   451.85179 (16122408)   485.95805 (16110617)
483.11518 (16111218)
 4215280.6 | 380.77403 (16121307)   395.28953 (14111418)   410.77670 (16113007)   433.92671 (16110617)
432.38551 (16111218)
 4215260.6 | 352.30210 (14122408)   353.86575 (16112721)   376.94200 (13110719)   385.29036 (16110617)
387.82319 (16111218)
 4215240.6 | 324.59209 (14111418)   330.22655 (16122408)   344.66886 (16110617)   341.04438 (16110617)
349.39837 (16111218)
 4215220.6 | 295.64565 (15121922)   302.99194 (16113007)   321.73391 (16110617)   308.09486 (16111218)
319.82641 (16111319)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***
INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539245.17	539265.17	539285.17	539305.17	539325.17
4215200.6	268.81624 (16112721)	283.78086 (16113007)	297.78040 (16110617)	288.59230 (16111218)	296.01199 (16111319)
4215180.6	254.78523 (16122408)	265.31706 (13110719)	273.90982 (16110617)	269.93889 (16111218)	274.67609 (16111319)
4215160.6	237.74803 (16122408)	247.07011 (13110719)	250.83496 (16110617)	252.31464 (16111218)	255.30538 (16111319)
4215140.6	246.45979 (14112820)	256.56817 (16110617)	251.23268 (16110617)	252.62539 (16111218)	238.45931 (16111319)
4215120.6	234.81316 (14110821)	245.52877 (16110617)	232.51718 (16121208)	237.41010 (16111218)	223.20782 (16111319)
4215100.6	222.12469 (14110821)	232.21545 (16110617)	218.05414 (16121208)	222.38310 (16111218)	224.16280 (16111319)
4215080.6	211.08786 (16110617)	219.41696 (16110617)	204.08160 (16121208)	208.37125 (16111218)	210.75095 (16111319)
4215060.6	206.21478 (16110617)	206.29841 (16110617)	194.25486 (16111218)	197.39423 (15110419)	198.49810 (16111319)
4215040.6	199.95828 (16110617)	193.14838 (16110617)	187.21209 (16111218)	188.61163 (15110419)	188.62720 (16111319)
4215020.6	193.42535 (16110617)	182.72437 (16121208)	180.17894 (16111218)	180.25576 (15110419)	179.55734 (15121818)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***
INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539345.17	539365.17	539385.17	539405.17	539425.17
4216000.6	137.59536 (16011017)	139.52861 (16010617)	135.84891 (14120121)	136.31901 (13110618)	135.08258 (13110118)
4215980.6	146.11463 (16011017)	148.11488 (16010617)	144.12624 (14120121)	144.32496 (13110618)	143.43575 (13110118)
4215960.6	155.61985 (16011017)	157.62802 (16010617)	153.15530 (14120121)	152.75621 (13110618)	

152.13901 (13110118)
 4215940.6 | 166.15081 (16011017)   168.21488 (16010617)   163.08796 (14120121)   161.99577 (17011921)
161.34432 (13110118)
 4215920.6 | 177.94160 (16011017)   179.97957 (16010617)   174.05967 (13112719)   172.72064 (17011921)
173.34633 (16110818)
 4215900.6 | 191.21497 (16011017)   193.28040 (16010617)   186.85967 (13112719)   185.36842 (13110118)
186.47099 (16110818)
 4215880.6 | 206.24711 (16011017)   208.31909 (16010617)   201.99321 (13110618)   200.88439 (13110118)
200.19094 (16110818)
 4215860.6 | 223.38404 (16011017)   225.53346 (16010617)   219.41476 (13110618)   218.00904 (13110118)
214.45470 (16110719)
 4215840.6 | 243.06456 (16011017)   245.15608 (16010617)   239.08103 (13110618)   236.66183 (13110118)
231.21841 (16110719)
 4215820.6 | 265.85243 (16011017)   267.94466 (16010617)   261.35530 (13110618)   257.36081 (16110818)
252.83665 (16110418)
 4215800.6 | 292.48265 (16011017)   294.37013 (16010617)   286.65856 (13110618)   284.51995 (16110818)
276.33849 (16110318)
 4215780.6 | 324.08118 (16011017)   325.62255 (16010617)   315.46892 (13110618)   314.04233 (16110818)
303.64313 (16110318)
 4215760.6 | 362.00552 (16011017)   362.98159 (16010617)   350.82144 (13110118)   346.56890 (16110719)
334.42406 (15111318)
 4215740.6 | 407.78511 (16011017)   407.84403 (16010617)   397.99101 (13110118)   388.54674 (16110418)
371.70446 (15120220)
 4215720.6 | 464.14039 (16011017)   462.72578 (16010617)   453.12486 (13110118)   440.27761 (16110318)
420.53687 (14120706)
 4215700.6 | 534.60300 (16011017)   530.80714 (16010617)   521.87348 (16110818)   498.83001 (14010518)
483.51982 (15112117)
 4215680.6 | 633.40759 (13110518)   616.98799 (16010617)   609.13108 (16110818)   575.12181 (14120421)
542.85160 (15011318)
 4215660.6 | 767.30777 (13110518)   734.42350 (13110618)   716.39566 (16110719)   684.39005 (15112117)
625.94293 (14122020)
 4215640.6 | 950.92794 (13110518)   901.47150 (14120907)   868.33069 (16110318)   808.24891 (15112117)
735.19909 (13111118)
 4215620.6 | 1212.86858 (13110518)   1137.94168 (14120907)   1076.70816 (14120421)   980.41400 (14122020)
876.20161 (13111717)
 4215600.6 | 1602.96273 (13110518)   1504.56953 (13121517)   1464.89274 (13112109)   1214.56107 (14120120)
1069.04132 (16110917)
 4215580.6 | 2215.43422 (13110518)   2123.07736 (16110719)   1946.49130 (13112109)   1561.67627 (16110917)
1229.04134 (15120117)
 4215560.6 | 4262.03335 (15120816)   3709.63667 (13112109)   2622.02873 (13010516)   1903.01373 (13011217)
1459.43512 (13110917)
 4215540.6 | 0.00000 (00000000)   0.00000 (00000000)   3452.45557 (13110917)   2346.64228 (17010909)
1534.41115 (15122322)
 4215520.6 | 0.00000 (00000000)   0.00000 (00000000)   4055.76933 (14021217)   2301.66014 (13111808)
1616.74564 (13111808)
 4215500.6 | 4759.82627 (16112721)   4742.65010 (14110717)   3167.40062 (16032418)   2319.82212 (15121216)
1516.15606 (14021217)
 4215480.6 | 3171.67010 (16110617)   3095.72223 (15012109)   2529.05971 (16122222)   1645.81633 (14012919)
1274.26000 (16112806)
 4215460.6 | 2130.91578 (16110617)   2189.75841 (14110908)   2012.93517 (14110717)   1480.46360 (16122222)
1114.83575 (14012919)
 4215440.6 | 1590.11648 (15110419)   1640.37015 (14110908)   1494.59095 (16110820)   1351.25954 (14110717)
969.87989 (13112817)
 4215420.6 | 1257.10032 (16111319)   1255.01263 (14110908)   1216.74151 (15012109)   1149.77092 (14110717)
998.80542 (16111220)
 4215400.6 | 1026.91734 (16111319)   1003.89418 (13010807)   1011.40340 (15012109)   933.30928 (13111221)
882.35862 (14110717)
 4215380.6 | 854.95063 (16111319)   838.34418 (13010807)   829.68658 (14122407)   803.81217 (16110820)
765.77001 (14110717)
 4215360.6 | 725.21696 (16111319)   710.74889 (13010807)   710.32852 (14110908)   687.80788 (16112022)
659.34011 (16111419)
 4215340.6 | 626.77785 (15121818)   612.90528 (13112018)   627.34439 (14110908)   610.01387 (15012109)
577.34046 (16110820)
 4215320.6 | 547.99909 (15121818)   536.48700 (13112018)   552.09190 (14110908)   536.66534 (15012109)
516.91132 (16110820)
 4215300.6 | 483.68334 (15121818)   475.60759 (15110517)   486.02123 (14110908)   473.21928 (14122407)
460.37821 (16112022)
 4215280.6 | 431.23312 (15121818)   426.42527 (15110517)   428.64809 (14110908)   420.78219 (14122407)
416.83527 (14120620)

 4215260.6 | 387.63363 (16112206)   385.09004 (15110517)   379.07406 (14110908)   382.53701 (17123121)
380.94087 (15012109)
 4215240.6 | 351.71763 (16112206)   349.97572 (15110517)   343.63172 (13010807)   348.79006 (14110908)
345.40807 (15012109)
 4215220.6 | 321.02714 (16112206)   319.61235 (15110517)   316.70015 (13010807)   323.10717 (14110908)
315.18930 (14122407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                                INCLUDING SOURCE(S):   HOSE   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
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- - - - - - -

 4215200.6 | 294.55998 (16112206)   293.58759 (15110517)   292.51407 (13010807)   298.35635 (14110908)
290.07877 (14122407)
 4215180.6 | 271.33295 (16112206)   270.89968 (15110517)   270.78516 (13010807)   275.05446 (14110908)
266.67949 (17123121)
 4215160.6 | 251.34334 (13111220)   250.98243 (15110517)   251.23997 (13010807)   253.36946 (14110908)
249.41414 (17123121)
 4215140.6 | 234.36191 (13111220)   233.38658 (15110517)   233.62835 (13010807)   233.34686 (14110908)
232.12406 (17123121)
 4215120.6 | 219.24924 (13111220)   217.89806 (15110517)   217.72622 (13010807)   214.95672 (14110908)
217.88001 (14110908)
 4215100.6 | 205.72817 (13111220)   204.05110 (15110517)   203.33525 (13010807)   198.12484 (14110908)
206.21411 (14110908)
 4215080.6 | 193.69854 (13111220)   191.49444 (15110517)   190.28122 (13010807)   185.39635 (13010807)
194.65231 (14110908)
 4215060.6 | 195.71281 (13111220)   194.97076 (13111822)   194.98647 (13112018)   176.42685 (13010807)
183.48887 (14110908)
 4215040.6 | 186.54634 (13111220)   185.16529 (13111822)   184.90477 (13112018)   168.02810 (13010807)
172.81061 (14110908)
 4215020.6 | 177.60628 (17012706)   176.21503 (13111822)   175.59494 (13112018)   160.17150 (13010807)
162.61172 (14110908)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                                INCLUDING SOURCE(S):   HOSE   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - -

 4216000.6 | 134.67281 (16110818)   131.23435 (16110418)   129.82352 (16110318)   126.24453 (14120421)
124.75266 (14120822)
 4215980.6 | 142.44307 (16110818)   139.64636 (16110418)   136.32863 (14010518)   133.15373 (14120421)
130.90651 (14120822)
 4215960.6 | 150.19576 (16110818)   147.95091 (16110418)   144.18298 (15111318)   140.95726 (14120706)
140.43192 (15112117)
 4215940.6 | 159.38592 (16110719)   157.53821 (16110318)   152.59300 (15111318)   150.29555 (14120706)
148.61653 (15112117)
 4215920.6 | 169.32061 (16110418)   166.99680 (16110318)   162.21042 (15120220)   160.23203 (15112117)
154.80351 (15112117)
 4215900.6 | 182.56152 (16110418)   177.49504 (14010518)   173.51406 (14120706)   172.17572 (15112117)
164.35895 (15011318)
 4215880.6 | 195.53379 (16110418)   189.72174 (15111318)   186.00894 (14120706)   181.77535 (15112117)
175.62589 (16011622)
 4215860.6 | 210.69571 (16110318)   203.43835 (15120220)   201.57974 (15112117)   192.89215 (15011318)
186.51183 (16111007)
 4215840.6 | 225.81921 (14010518)   220.15779 (14120706)   216.58763 (15112117)   207.18664 (16011622)
199.37784 (17013118)
 4215820.6 | 244.68491 (15111318)   238.68328 (15112117)   230.23521 (15011318)   221.72023 (16111007)
213.23718 (14112519)
 4215800.6 | 265.79175 (14120421)   262.49122 (15112117)   249.09305 (16011622)   239.27907 (17013118)
228.88409 (15011907)
 4215780.6 | 293.16146 (14120706)   281.76445 (15112117)   269.99390 (16111007)   258.46954 (13111118)
248.42797 (14120918)
 4215760.6 | 326.66358 (15112117)   308.78688 (16011622)   295.04411 (17013118)   280.57809 (15010819)
265.11043 (14111720)
 4215740.6 | 361.29774 (15112117)   339.38399 (16111007)   322.38622 (13111118)   304.47636 (14120918)
289.93861 (13111717)
 4215720.6 | 397.87968 (16011622)   375.77732 (14112519)   356.69718 (14120918)   335.83494 (13111717)
311.31395 (15010117)
 4215700.6 | 446.52823 (16111007)   418.40599 (15010819)   391.96324 (13111717)   363.37016 (15010117)
349.99629 (16110917)
 4215680.6 | 506.48882 (13111118)   465.57650 (16121408)   432.11850 (14111722)   412.15662 (16110917)
382.66832 (14110817)
 4215660.6 | 580.89675 (14120918)   528.40584 (14120118)   496.49298 (16110917)   455.59346 (14110817)
391.97056 (15120117)
 4215640.6 | 669.96868 (13111717)   614.95922 (16110917)   554.84964 (14110817)   470.45512 (15120117)
426.45793 (13011217)
 4215620.6 | 790.60601 (16110917)   695.35062 (14110817)   581.40597 (13122217)   509.08090 (13011217)
453.26296 (16012718)
 4215600.6 | 902.13956 (14110817)   752.03719 (13011217)   638.01803 (16011919)   557.98699 (13110917)
502.75880 (13110917)
 4215580.6 | 996.97435 (15010317)   837.52510 (13110917)   717.39713 (13110917)   595.54184 (13122417)
492.80468 (13122417)
 4215560.6 | 1130.89841 (13110917)   871.59962 (13122417)   720.62034 (13120417)   611.54602 (15122322)
519.73098 (15122322)
 4215540.6 | 1130.42593 (15122322)   910.61338 (16120520)   748.87153 (16120520)   626.10054 (16120520)
531.27301 (16120520)
 4215520.6 | 1210.91301 (13111808)   949.40571 (13111808)   770.69321 (13111808)   641.54155 (13111808)
544.94415 (13111808)
 4215500.6 | 1171.26039 (16012517)   933.87379 (15111417)   756.28065 (15111417)   618.08560 (16012518)
514.23516 (13111818)
 4215480.6 | 1057.45618 (15110121)   859.00903 (14010920)   706.25783 (13111506)   613.58731 (16012517)
522.05655 (15111920)
 4215460.6 | 932.75922 (16112806)   767.23063 (15110121)   671.14916 (15110121)   564.23231 (14010920)
499.05625 (14010920)
 4215440.6 | 815.93689 (14012919)   698.62283 (17010206)   596.10708 (16112806)   529.53633 (15110121)
474.29247 (15110121)
 4215420.6 | 722.00423 (13112817)   630.69807 (16110219)   546.19896 (17010206)   493.20698 (16112806)
408.17668 (16112806)
 4215400.6 | 741.76716 (16111220)   561.24642 (13112817)   506.06400 (16110219)   436.63210 (17010206)
407.84384 (16112806)
 4215380.6 | 695.23433 (16111220)   555.02706 (16111220)   454.65196 (16111321)   418.47961 (16110219)
360.79320 (14012919)
 4215360.6 | 631.91714 (14110717)   569.71643 (16111220)   421.95438 (16111220)   378.83840 (16111321)
353.78393 (16110219)
 4215340.6 | 556.83722 (14110717)   519.99599 (16111418)   462.75647 (16111220)   354.81861 (13112817)
322.58501 (17012308)

 4215320.6 | 495.59980 (16111419)   480.46805 (14110717)   442.85217 (16111220)   375.23624 (16111220)
305.90476 (13112817)
 4215300.6 | 441.47725 (13111221)   428.64551 (14110717)   405.84598 (16111418)   380.84215 (16111220)
305.45796 (16111220)
 4215280.6 | 404.69773 (16110820)   389.10946 (16111419)   381.65573 (14110717)   354.55546 (16111418)
324.64701 (16111220)
 4215260.6 | 367.34532 (16110820)   354.50184 (13111221)   343.83880 (14110717)   326.69765 (16111122)
314.51312 (16111220)
 4215240.6 | 336.13174 (16112022)   322.95535 (16110820)   316.72902 (15120707)   312.92956 (14110717)
294.60450 (16111418)
 4215220.6 | 309.34999 (14120620)   304.49708 (16110820)   294.17272 (16111419)   284.25972 (14110717)
274.91802 (14110717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                                INCLUDING SOURCE(S):   HOSE   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4215200.6 | 287.71852 (14120620)   279.62068 (16110820)   270.28536 (13111221)   265.39733 (15120707)
262.77718 (14110717)
 4215180.6 | 267.93444 (15012109)   260.72474 (16112022)   254.55695 (16110820)   249.33413 (16111419)
240.19580 (14110717)
 4215160.6 | 247.36958 (15012109)   241.75923 (14120620)   240.29886 (16110820)   231.81226 (13111221)
226.36984 (15120707)
 4215140.6 | 230.47090 (14122407)   228.80734 (14120620)   222.31376 (16110820)   214.42040 (16110820)
214.61774 (16111419)
 4215120.6 | 216.05313 (14122407)   214.52736 (15012109)   209.96476 (16112022)   206.87338 (16110820)
201.10232 (13111221)
 4215100.6 | 201.44847 (14122407)   202.04384 (15012109)   196.46286 (16112022)   195.75841 (16110820)
188.00260 (13111221)
 4215080.6 | 189.30579 (17123121)   188.64228 (15012109)   187.14456 (14120620)   182.27898 (16110820)
179.16740 (16110820)
 4215060.6 | 179.57210 (17123121)   178.02250 (14122407)   177.54152 (14120620)   174.12936 (16112022)
172.63200 (16110820)
 4215040.6 | 169.74568 (17123121)   169.14123 (14122407)   168.30378 (15012109)   164.42451 (16112022)
163.69176 (16110820)
 4215020.6 | 160.09234 (17123121)   159.80023 (14122407)   159.58555 (15012109)   156.71297 (14120620)
153.52707 (16112022)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                                INCLUDING SOURCE(S):   HOSE   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.6	124.17591 (15112117)	119.52728 (15011318)	117.22556 (16011622)	113.60902 (14121622)	111.03071 (14112519)
4215980.6	129.74532 (15112117)	124.81562 (15012219)	122.33260 (16111007)	119.63804 (17013118)	116.30689 (13111118)
4215960.6	135.19657 (15011318)	132.31879 (16011622)	127.90101 (14121622)	124.97818 (14112519)	121.32320 (15011907)
4215940.6	141.95036 (15011318)	138.70153 (16111007)	135.20019 (17013118)	131.24812 (13111118)	127.14091 (15010819)
4215920.6	151.19620 (16011622)	145.65244 (14121622)	141.67290 (14112519)	137.27526 (15010819)	133.62221 (14120918)
4215900.6	159.48830 (16111007)	154.59096 (14122020)	149.23409 (13111118)	145.37529 (14120918)	138.56031 (15113018)
4215880.6	168.90317 (17013118)	163.73086 (13111118)	158.05247 (15010819)	151.42797 (16121408)	147.80684 (13111717)
4215860.6	179.79443 (14112519)	173.30659 (15011907)	167.51672 (14120918)	160.72974 (14111720)	154.81424 (14120118)
4215840.6	191.94854 (13111118)	185.52136 (14120918)	176.31695 (14111720)	170.85775 (13111717)	162.59444 (15010117)
4215820.6	205.07569 (15010819)	194.67146 (16121408)	189.43795 (13111717)	178.93303 (14111722)	169.87923 (16010717)
4215800.6	219.41981 (14120918)	210.63779 (13111717)	198.94000 (14111722)	187.72030 (15120622)	187.46625 (16110917)
4215780.6	235.13091 (14111720)	223.10917 (14120118)	209.47021 (15010621)	208.31097 (16110917)	196.53272 (14110817)
4215760.6	253.05515 (14120118)	236.47321 (15010117)	233.39456 (16110917)	220.05445 (14110817)	207.77149 (14110817)
4215740.6	269.81333 (15010117)	264.03795 (16110917)	248.55003 (14110817)	231.26045 (14110817)	208.66592 (15120117)
4215720.6	302.14292 (16110917)	283.60517 (14110817)	259.17708 (14110817)	234.80931 (15120117)	219.04202 (13122217)
4215700.6	327.33395 (14110817)	292.50839 (14110817)	266.03670 (15112917)	248.25529 (13011217)	230.31085 (13011217)
4215680.6	332.73058 (14110817)	304.65850 (15112917)	284.44851 (13011217)	258.17238 (15010317)	240.42144 (16011919)
4215660.6	357.12572 (13122217)	324.25160 (13011217)	296.46836 (16011919)	271.87844 (16012718)	249.36650 (13110917)
4215640.6	379.14933 (15010317)	343.78596 (16012718)	311.44994 (13110917)	295.56730 (13110917)	270.15009 (13110917)
4215620.6	405.04421 (13110917)	376.58784 (13110917)	334.51843 (13110917)	299.42371 (13122417)	268.37560 (13122417)
4215600.6	430.53244 (13122417)	379.49667 (13122417)	325.79050 (13122417)	298.63455 (13120417)	271.92249 (13120417)
4215580.6	436.05944 (13120417)	382.67670 (15012007)	345.27312 (15122322)	310.38806 (15122322)	277.44666 (15122322)
4215560.6	440.27811 (15122322)	373.40373 (15122322)	336.12089 (16120520)	306.55269 (16120520)	280.11606 (16120520)
4215540.6	460.90309 (13111206)	406.15694 (13111206)	361.38197 (13111206)	323.81544 (13111206)	292.15761 (13111206)
4215520.6	470.27964 (13111808)	411.17964 (13111808)	363.42495 (13111808)	324.27959 (13111808)	291.71803 (13111808)
4215500.6	454.80270 (13111818)	404.36324 (13111818)	361.22201 (13111818)	324.47028 (13111818)	293.18602 (13111818)
4215480.6	458.17831 (15111417)	405.83285 (15111417)	358.04998 (15111417)	316.30027 (16012518)	281.83987 (16012518)
4215460.6	431.86809 (13111506)	390.62508 (16012517)	350.39666 (16012517)	314.06609 (15111920)	283.96042 (15111417)
4215440.6	401.61964 (14010920)	373.44991 (14010920)	334.95861 (14010920)	299.53705 (13111506)	276.64408 (13111506)
4215420.6	394.09528 (15110121)	358.89284 (15110121)	310.55916 (15110121)	290.20176 (14010920)	269.54147 (14010920)
4215400.6	361.94781 (16112806)	317.13155 (15110121)	308.53988 (15110121)	284.33177 (15110121)	251.44710 (15110121)

 4215380.6 | 344.00068 (17010206)   317.22261 (16112806)   274.10194 (16112806)   257.73617 (15110121)
250.32970 (15110121)
 4215360.6 | 312.41057 (14012919)   295.20160 (17010206)   276.69466 (16112806)   250.24443 (16112806)
213.39784 (16112806)
 4215340.6 | 304.39933 (16110219)   273.68908 (14012919)   255.01577 (17010206)   241.23754 (16112806)
226.41655 (16112806)
 4215320.6 | 279.51685 (17012308)   265.58746 (16110219)   242.20527 (14012919)   221.88494 (17010206)
214.94548 (17010206)
 4215300.6 | 266.55435 (13112817)   245.25858 (17012308)   234.51067 (16110219)   216.34393 (14012919)
194.41685 (17010206)
 4215280.6 | 249.95611 (16111220)   234.46065 (13112817)   217.60973 (17012308)   209.26672 (16110219)
194.76692 (14012919)
 4215260.6 | 275.55440 (16111220)   218.42708 (13112817)   208.06254 (14012921)   194.83324 (17012308)
188.31959 (16110219)
 4215240.6 | 278.38232 (16111220)   233.81820 (16111220)   197.52074 (13112817)   187.00911 (14012921)
175.82576 (17012308)
 4215220.6 | 262.42133 (13011321)   244.52211 (16111220)   198.59969 (16111220)   179.31556 (13112817)
169.13997 (14012921)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                               INCLUDING SOURCE(S):   HOSE   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
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- - - - - - - -

 4215200.6 | 248.36965 (16111418)   238.77647 (16111220)   213.73500 (16111220)   169.15072 (16111220)
163.44998 (13112817)
 4215180.6 | 235.46331 (14110717)   225.61772 (16111418)   215.46431 (16111220)   186.46538 (16111220)
153.44726 (13112207)
 4215160.6 | 224.73121 (14110717)   212.20714 (16111418)   205.49253 (16111220)   193.14241 (16111220)
162.52883 (16111220)
 4215140.6 | 206.93389 (16111207)   204.70381 (14110717)   196.82003 (16111418)   189.69666 (16111220)
172.38435 (16111220)
 4215120.6 | 196.44412 (15120707)   195.42517 (14110717)   184.82477 (16111122)   180.02953 (13011321)
173.67407 (16111220)
 4215100.6 | 187.27973 (16111419)   181.27818 (16111207)   180.20853 (14110717)   173.04911 (16111418)
167.33384 (16111220)
 4215080.6 | 176.96854 (16111419)   172.73727 (15120707)   172.02837 (14110717)   164.14261 (16111122)
160.73404 (16111418)
 4215060.6 | 167.25451 (13111221)   165.24389 (16111419)   160.56456 (16111207)   160.20951 (14110717)
153.22869 (16111418)
 4215040.6 | 155.89620 (16110820)   157.66893 (16111419)   153.34893 (15120707)   152.93049 (14110717)
146.87104 (16111122)
 4215020.6 | 152.38061 (16110820)   149.52828 (13111221)   147.02273 (16111419)   143.45885 (16111207)
143.58814 (14110717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE

***
INCLUDING SOURCE(S): HOSE ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.6	108.12479 (13111118)	105.43572 (15010819)	102.25360 (14120918)	99.48088 (14111720)	98.06030 (13111717)
4215980.6	112.97905 (15010819)	110.37052 (14120918)	105.95451 (15113018)	104.68159 (13111717)	100.85536 (14120118)
4215960.6	118.69139 (14120918)	113.50140 (16121408)	111.64635 (13111717)	108.09060 (14120118)	104.30696 (15010117)
4215940.6	122.65875 (16121408)	119.42061 (14111720)	116.47227 (13111717)	111.73701 (14111722)	107.81081 (15010117)
4215920.6	128.48823 (14111720)	125.87009 (13111717)	120.23699 (14111722)	116.11855 (15010117)	113.32618 (16110917)
4215900.6	136.28441 (13111717)	129.73629 (14120118)	125.39024 (15010117)	121.63207 (16110917)	121.79434 (16110917)
4215880.6	141.58943 (14120118)	136.13518 (15010117)	131.03671 (16010717)	131.24570 (16110917)	124.43681 (16110917)
4215860.6	148.46690 (15010117)	142.11921 (16010717)	142.22375 (16110917)	134.29167 (16110917)	132.41149 (14110817)
4215840.6	154.97018 (16010717)	154.97562 (16110917)	146.07247 (14110817)	143.38139 (14110817)	133.46525 (14110817)
4215820.6	169.91751 (16110917)	160.20666 (14110817)	156.11012 (14110817)	143.58495 (14110817)	134.47651 (15120117)
4215800.6	176.85705 (14110817)	170.86254 (14110817)	155.11340 (14110817)	146.75405 (15120117)	139.27880 (15112917)
4215780.6	187.82644 (14110817)	168.04477 (14110817)	160.53712 (15120117)	151.37277 (13122217)	146.01816 (13011217)
4215760.6	186.12620 (15120117)	176.77232 (15112917)	167.48221 (13122217)	159.91327 (13011217)	147.92210 (13011217)
4215740.6	195.67370 (15112917)	185.89372 (13011217)	174.42676 (13011217)	163.43903 (15010317)	154.85764 (16011919)
4215720.6	207.50749 (13011217)	190.03883 (15010317)	180.26444 (16011919)	170.29722 (16012718)	159.34632 (16113019)
4215700.6	213.83877 (15010317)	200.21879 (16012718)	186.38487 (16113019)	174.42547 (14120318)	169.88695 (13110917)
4215680.6	222.13341 (16113019)	206.02326 (14120318)	199.94832 (13110917)	189.16359 (13110917)	174.87968 (13110917)
4215660.6	240.04222 (13110917)	223.62857 (13110917)	203.16798 (13110917)	189.00005 (13122417)	175.46103 (13122417)
4215640.6	242.22205 (13122417)	223.65276 (13122417)	202.84421 (13122417)	181.46401 (13122417)	172.50321 (13120417)
4215620.6	235.88906 (13122417)	220.79686 (13120417)	205.93203 (13120417)	190.48527 (13120417)	176.99782 (15012007)
4215600.6	246.76307 (15012007)	228.97835 (15122322)	211.88455 (15122322)	195.53333 (15122322)	179.83166 (15122322)
4215580.6	247.38150 (15122322)	220.35735 (15122322)	196.48943 (15122322)	184.56064 (16120520)	174.88269 (16120520)
4215560.6	256.54719 (16120520)	235.69222 (16120520)	216.95856 (16120520)	200.58185 (16120520)	185.88913 (16120520)
4215540.6	265.44128 (13111206)	242.28361 (13111206)	222.42471 (13111206)	205.43280 (13111206)	190.47139 (13111206)
4215520.6	264.42799 (13111808)	241.05490 (13111808)	221.07028 (13111808)	203.93858 (13111808)	188.84921 (13111808)
4215500.6	266.04614 (13111818)	242.51415 (13111818)	223.06124 (13110318)	206.11238 (13110318)	191.10371 (13110318)
4215480.6	251.40780 (16012518)	224.65384 (16012518)	210.33943 (13111818)	197.19214 (13111818)	185.16513 (13111818)
4215460.6	261.54108 (15111417)	239.89365 (15111417)	219.31802 (15111417)	200.50111 (16012518)	184.66418 (16012518)

 4215440.6 | 255.44035 (16012517)   233.43105 (16012517)   215.56443 (15111920)   199.36679 (15111920)
186.51904 (15111417)
 4215420.6 | 244.34592 (14010920)   223.44076 (13111506)   210.02353 (13111506)   196.65658 (16012517)
183.55554 (16012517)
 4215400.6 | 232.31436 (14010920)   221.07401 (14010920)   205.72223 (14010920)   188.18971 (14010920)
175.16748 (13111506)
 4215380.6 | 232.80470 (15110121)   209.12335 (15110121)   190.39017 (14010920)   184.50506 (14010920)
175.15570 (14010920)
 4215360.6 | 214.92408 (15110121)   208.63966 (15110121)   195.33227 (15110121)   177.59712 (15110121)
159.04595 (14010920)
 4215340.6 | 200.81699 (16112806)   181.57997 (15110121)   182.85544 (15110121)   177.42634 (15110121)
167.02332 (15110121)
 4215320.6 | 203.89794 (16112806)   186.84221 (16112806)   163.72924 (16112806)   157.73380 (15110121)
157.90001 (15110121)
 4215300.6 | 192.54018 (17010206)   183.16266 (16112806)   172.52211 (16112806)   155.54571 (16112806)
137.51053 (16120420)
 4215280.6 | 172.09305 (14012919)   172.87368 (17010206)   164.94999 (17010206)   158.44413 (16112806)
146.45759 (16112806)
 4215260.6 | 176.53863 (14012919)   158.29982 (14012919)   155.64695 (17010206)   151.20897 (17010206)
145.07701 (16112806)
 4215240.6 | 170.70650 (16110219)   160.95678 (14012919)   146.15094 (14012919)   140.51771 (17010206)
138.68100 (17010206)
 4215220.6 | 159.72888 (17012308)   155.70828 (16110219)   147.52477 (14012919)   135.41612 (14012919)
127.27561 (17010206)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: HOSE
***
                               INCLUDING SOURCE(S):   HOSE   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 153.81916 (14012921)   145.96307 (13120720)   142.83856 (16110219)   135.86675 (14012919)
125.88820 (14012919)
 4215180.6 | 149.53682 (13112817)   140.68447 (16111321)   134.30826 (13120720)   131.67998 (16110219)
125.66651 (14012919)
 4215160.6 | 140.43541 (13112207)   137.31027 (13112817)   129.63703 (16111321)   124.14859 (13120720)
121.93879 (16110219)
 4215140.6 | 141.81378 (16111220)   130.63151 (13112817)   126.51517 (13112817)   119.93445 (16111321)
115.24587 (13120720)
 4215120.6 | 153.43985 (16111220)   124.61304 (13112207)   121.72054 (13112817)   117.09153 (14012921)
111.61313 (17012308)
 4215100.6 | 158.02025 (16111220)   136.32664 (16111220)   116.00403 (13112207)   113.59936 (13112817)
109.07848 (14012921)
 4215080.6 | 155.84601 (16111220)   143.12322 (16111220)   121.05097 (16111220)   108.04007 (13112207)
106.20359 (13112817)
 4215060.6 | 148.87608 (13011321)   144.09858 (16111220)   129.25251 (16111220)   107.45305 (16111220)
100.72099 (13112207)
 4215040.6 | 144.15772 (16111418)   139.77375 (16111220)   132.49663 (16111220)   116.43465 (16111220)
97.38445 (13112207)
 4215020.6 | 136.50000 (16111418)   134.16724 (16111418)   131.02995 (16111220)   121.34715 (16111220)
104.78619 (16111220)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***

INCLUDING SOURCE(S): HOSE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	1370.19303	(16111218)	539351.84	4215428.70	1372.76456	(13111220)
539361.84	4215428.70	1358.20795	(13112018)	539371.84	4215428.70	1383.70137	(14110908)
539381.84	4215428.70	1351.50067	(15012109)	539341.84	4215438.70	1540.36245	(16111218)
539351.84	4215438.70	1548.36459	(13111220)	539361.84	4215438.70	1547.25069	(14110908)
539371.84	4215438.70	1538.73517	(15012918)	539381.84	4215438.70	1493.43242	(14110218)
539341.84	4215448.70	1804.62653	(16110617)	539351.84	4215448.70	1779.21243	(17012706)
539361.84	4215448.70	1806.89334	(14110908)	539371.84	4215448.70	1791.43469	(15012109)
539381.84	4215448.70	1669.16297	(16110820)	539341.84	4215458.70	2135.34181	(16110617)
539351.84	4215458.70	2073.69516	(17012706)	539361.84	4215458.70	2128.74100	(14110908)
539371.84	4215458.70	2081.28420	(15012109)	539381.84	4215458.70	1946.73664	(16110518)
539341.84	4215468.70	2531.85376	(16110617)	539351.84	4215468.70	2458.77629	(15112306)
539361.84	4215468.70	2530.04811	(14110908)	539371.84	4215468.70	2391.79431	(14110218)
539381.84	4215468.70	2318.14491	(14110717)	539113.88	4215517.52	427.88367	(15110618)
539096.52	4215515.99	392.34019	(15110618)	539108.26	4215501.18	420.66938	(15110618)
539096.01	4215500.67	395.76392	(15110618)	539108.26	4215486.38	407.33176	(13112022)
539094.47	4215485.36	380.17245	(13112022)	539135.32	4215461.36	465.54484	(15121208)
539150.13	4215439.91	494.01823	(15012818)	539114.39	4215452.68	412.48183	(15121208)
539123.07	4215439.40	427.29946	(14012217)	539159.32	4215421.02	477.95915	(15110219)
539145.02	4215416.43	433.43284	(15110219)	539134.30	4215410.81	405.27421	(15110219)
539131.75	4215425.11	418.06866	(15012818)	539206.80	4215383.75	544.16446	(16110522)
539215.99	4215372.52	542.33669	(13122017)	539188.93	4215382.22	499.35545	(14012820)
539176.17	4215379.67	468.15207	(14012820)	539165.44	4215376.09	435.04742	(17012519)
539248.79	4215356.71	553.60486	(16110521)	539243.45	4215348.45	518.62950	(16110521)
539265.58	4215345.25	554.02646	(16121307)	539260.78	4215338.05	521.45229	(16121307)
539256.25	4215351.38	563.58687	(16110521)	539272.77	4215331.92	525.84780	(14122408)
539264.78	4215324.99	494.23846	(16121307)	539280.77	4215321.79	502.11906	(14111418)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: HOSE ***
INCLUDING SOURCE(S): HOSE ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539279.97	4215307.14	457.25490	(16112721)	539287.97	4215313.80	487.54175	(16122408)
539297.83	4215304.74	480.26683	(13110719)	539289.56	4215296.21	447.75103	(16113007)
539311.15	4215287.68	442.81791	(16110617)	539303.69	4215281.28	436.25571	(16110617)
539303.69	4215296.21	472.92353	(16110617)	539314.25	4215271.79	398.16026	(16111218)
539329.09	4215260.48	386.61780	(16111319)	539339.69	4215237.16	349.52700	(15121818)
539357.36	4215232.92	343.40094	(13111220)	539394.11	4215199.70	288.24278	(14110908)
539044.99	4215579.21	211.35819	(14111220)	539034.39	4215591.93	197.56918	(14010720)
539054.88	4215556.59	226.08057	(15120817)	539058.42	4215538.92	226.41216	(14121619)
539054.88	4215520.55	304.60852	(15110618)	539082.44	4215477.44	346.33058	(13112022)
539073.96	4215466.13	348.37101	(14121020)	539098.70	4215440.69	372.13619	(13110818)
539109.30	4215426.56	392.03591	(15012818)	539117.07	4215415.96	375.82731	(16011921)
539125.55	4215401.11	385.82991	(15110219)	539158.77	4215367.19	414.12656	(14012820)
539150.29	4215357.30	416.86827	(14012820)	539184.21	4215339.63	415.57008	(13122017)
539222.37	4215324.79	438.20450	(16112108)	539243.58	4215317.72	445.81629	(13111121)
539371.49	4215194.05	283.27936	(14012108)	539364.42	4215191.93	283.31262	(15110517)
539344.64	4215200.41	294.38997	(16112206)	539409.65	4215113.48	213.17400	(14110908)
539355.94	4215136.80	235.32116	(13111220)	539262.66	4215288.75	413.10889	(14111418)
539282.44	4215261.19	374.07226	(16113007)	539299.41	4215235.04	341.74655	(16110617)
539168.92	4215647.77	339.96417	(14112117)	538947.70	4216163.58	78.90522	(17011717)
539352.12	4215798.21	290.59893	(16011017)	539367.62	4215566.76	3157.33640	(13112109)
539278.26	4215504.64	1747.88689	(13111718)	539297.51	4215494.11	2162.53526	(15111722)
539323.66	4215486.12	2921.59709	(14110917)	539342.55	4215482.85	3244.01365	(16110617)
539367.23	4215481.23	3073.71155	(15012109)	539397.77	4215487.94	2018.24635	(16032418)
539352.73	4215556.41	3809.16092	(13110518)	539337.83	4215546.05	6131.32984	(14121816)
539322.94	4215535.70	3416.53131	(15120916)	539308.05	4215525.35	2947.29101	

(14012720)
       539293.15   4215514.99   2255.89316 (13112022)   539287.89   4215499.38   2006.26740
(14012217)
       539310.58   4215490.12   2504.07863 (14122918)   539354.89   4215482.04   3216.73796
(13112018)
       539382.50   4215484.59   2766.12166 (16122222)   539391.74   4215503.70   2982.67586
(15121216)
       539385.71   4215519.47   4096.37266 (14021217)   539379.68   4215535.23   4159.78204
(13110917)
       539373.65   4215551.00   3695.92068 (13010516)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                               INCLUDING SOURCE(S):   IDLCAR   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
 -
- - - - - - - -

 4216000.6 | 105.83510 (15120921)   109.76169 (15120921)   111.13677 (15120921)   115.03148 (16011019)
118.85280 (13110718)
 4215980.6 | 109.39025 (13111908)   111.40341 (13111908)   115.71101 (15120921)   117.64962 (15120921)
121.55128 (16011019)
 4215960.6 | 109.84448 (13111908)   115.14035 (13111908)   118.02717 (13111908)   122.14913 (15120921)
124.78811 (15120921)
 4215940.6 | 111.14541 (14122218)   114.79330 (13111908)   121.30848 (13111908)   125.18727 (13111908)
129.15801 (15120921)
 4215920.6 | 116.47236 (14122218)   118.55449 (14122218)   119.95738 (13111908)   127.84517 (13111908)
132.92390 (13111908)
 4215900.6 | 117.33532 (14122218)   122.99132 (14122218)   126.40254 (14122218)   127.09218 (14122218)
134.78254 (13111908)
 4215880.6 | 122.32833 (14112117)   124.19634 (14112117)   129.64333 (14122218)   134.66865 (14122218)
136.72169 (14122218)
 4215860.6 | 123.92131 (14112117)   129.65126 (14112117)   133.23985 (14112117)   136.33731 (14122218)
143.26261 (14122218)
 4215840.6 | 119.63189 (14112117)   128.98333 (14112117)   136.80678 (14112117)   142.46256 (14112117)
145.35779 (14112117)
 4215820.6 | 114.56643 (17010618)   121.78386 (14112117)   133.31595 (14112117)   143.49883 (14112117)
151.69587 (14112117)
 4215800.6 | 125.89267 (17010618)   126.79704 (17010618)   125.80470 (17010618)   136.58420 (14112117)
149.48930 (14112117)
 4215780.6 | 131.12946 (17010618)   135.81987 (17010618)   138.98689 (17010618)   140.13925 (17010618)
139.08481 (17010618)
 4215760.6 | 136.08616 (15120806)   140.38503 (15120806)   144.73492 (17010618)   150.57688 (17010618)
154.54446 (17010618)
 4215740.6 | 135.40512 (15120806)   143.41310 (15120806)   150.50462 (15120806)   156.35364 (15120806)
160.87768 (17010618)
 4215720.6 | 136.54321 (15120719)   138.52269 (15120719)   148.12390 (15120806)   158.28684 (15120806)
167.47131 (15120806)
 4215700.6 | 143.36844 (15120719)   149.07465 (15120719)   153.96998 (15120719)   157.69496 (15120719)
162.51253 (15120806)
 4215680.6 | 143.98611 (14111519)   149.68832 (15120719)   158.35423 (15120719)   166.56603 (15120719)
173.96372 (15120719)
 4215660.6 | 155.10498 (15110719)   151.85394 (15110719)   159.30622 (14111519)   167.63754 (14111519)
175.43233 (14111519)

 4215640.6 | 156.94401 (14010720)   162.49554 (15110719)   161.84032 (15110719)   170.43802 (15110719)
178.76525 (15110719)
 4215620.6 | 160.45806 (14111220)   165.32230 (14111220)   172.31450 (14010720)   171.68295 (14010720)
180.50269 (14010720)
 4215600.6 | 160.91577 (16013021)   168.01632 (14111220)   175.77457 (14111220)   184.19135 (14111220)
194.03612 (14111220)
 4215580.6 | 164.29450 (15120817)   169.86336 (15120817)   176.22633 (16013021)   184.83016 (16013021)
195.01889 (16013021)
 4215560.6 | 166.12508 (16012421)   172.77746 (16012421)   180.28513 (16012421)   188.67166 (15120817)
199.24754 (15120817)
 4215540.6 | 158.55586 (16012421)   166.48814 (16012421)   174.64326 (16012421)   183.41363 (16012421)
194.42245 (16012421)
 4215520.6 | 138.49822 (14012720)   145.76802 (14012720)   153.67106 (14012720)   162.24639 (14012720)
171.58685 (14012720)
 4215500.6 | 182.32806 (14012720)   191.73897 (14012720)   201.91993 (14012720)   212.94952 (14012720)
225.97069 (14012720)
 4215480.6 | 209.65700 (14012720)   219.21791 (14012720)   229.45615 (14012720)   240.95322 (14012720)
253.35975 (14012720)
 4215460.6 | 212.03505 (16012422)   220.63382 (16012422)   229.68399 (16012422)   239.65261 (16012422)
251.64497 (14010718)
 4215440.6 | 207.67515 (14010718)   217.76307 (13112022)   228.94027 (13112022)   239.96174 (13112022)
251.26993 (13112022)
 4215420.6 | 207.95667 (13112022)   214.35372 (13112022)   220.07176 (13112022)   225.38917 (13112022)
236.80082 (16011321)
 4215400.6 | 202.88002 (16011321)   214.53136 (16011321)   225.44126 (16011321)   235.82058 (16011321)
245.88951 (16011321)
 4215380.6 | 205.57864 (16011321)   210.66749 (16011321)   214.54046 (16011321)   221.88500 (13111718)
239.30981 (13111718)
 4215360.6 | 199.35065 (13111718)   212.06205 (13111718)   223.60094 (13111718)   233.85447 (13111718)
243.71496 (13121818)
 4215340.6 | 205.07888 (13111718)   213.51075 (13121818)   221.71582 (13110818)   231.46934 (13110818)
238.32861 (13110818)
 4215320.6 | 203.64423 (13110818)   208.84941 (13110818)   211.49581 (13110818)   214.34475 (14012217)
230.63017 (15112517)
 4215300.6 | 186.65126 (14012217)   199.22597 (15112517)   212.66331 (15112517)   222.88133 (15112517)
234.08818 (16011921)
 4215280.6 | 196.47359 (15112517)   204.03400 (16011921)   213.07693 (16011921)   217.65427 (16011921)
217.61810 (16011921)
 4215260.6 | 195.21126 (16011921)   197.56076 (16011921)   195.46827 (16011921)   188.93835 (16011921)
183.16458 (15111722)
 4215240.6 | 176.90706 (16011921)   169.85371 (16011921)   164.02002 (15111722)   189.06606 (15111722)
211.48157 (15111722)
 4215220.6 | 147.88366 (15111722)   170.38994 (15111722)   190.72665 (15111722)   206.72398 (15111722)
217.04160 (15111722)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                               INCLUDING SOURCE(S):   IDLCAR   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
 -
- - - - - - - -

 4215200.6 | 173.11170 (15111722)   188.38115 (15111722)   198.78952 (15111722)   202.46321 (15111722)
209.45713 (14122917)
 4215180.6 | 182.74047 (15111722)   187.78114 (15111722)   190.91780 (14122917)   199.32711 (16123020)

207.16300 (13111119)
 4215160.6 | 174.72750 (15111722)   182.68498 (14122917)   190.63272 (16123020)   197.47356 (13111119)
203.70990 (15110619)
 4215140.6 | 175.58683 (16123020)   181.31290 (13111119)   186.89180 (13111119)   192.48404 (15110619)
189.61561 (15110619)
 4215120.6 | 173.98645 (13111119)   178.73446 (15110619)   180.74663 (15110619)   174.85930 (15110619)
188.89892 (14122918)
 4215100.6 | 170.22437 (15110619)   168.99350 (15110619)   166.45800 (14122918)   181.42562 (14122918)
187.97468 (14122918)
 4215080.6 | 157.31371 (15110619)   161.97723 (14122918)   174.00006 (14122918)   177.93027 (14122918)
184.06562 (13121819)
 4215060.6 | 157.19232 (14122918)   166.69602 (14122918)   168.30478 (14122918)   175.55571 (13121819)
181.14836 (13012521)
 4215040.6 | 159.50262 (14122918)   159.77413 (13121819)   167.55088 (13121819)   172.45880 (13012521)
170.63982 (13012521)
 4215020.6 | 153.96835 (13121819)   159.99454 (13121819)   164.51860 (13012521)   161.82520 (13012521)
150.28925 (13012521)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                               INCLUDING SOURCE(S):   IDLCAR   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
 -
- - - - - - - -

 4216000.6 | 122.44270 (13110718)   131.50177 (16011218)   142.71485 (16011218)   148.37564 (16011218)
148.40046 (15122908)
 4215980.6 | 125.67631 (13110718)   129.62458 (13110718)   140.22212 (16011218)   151.95094 (16011218)
157.31827 (16011218)
 4215960.6 | 128.72213 (16011019)   133.19912 (13110718)   137.57100 (13110718)   149.92063 (16011218)
162.18845 (16011218)
 4215940.6 | 132.64609 (15120921)   136.62639 (16011019)   141.53210 (13110718)   146.39049 (13110718)
160.76004 (16011218)
 4215920.6 | 136.81998 (15120921)   141.29381 (15120921)   145.39418 (16011019)   150.81669 (13110718)
156.24237 (13110718)
 4215900.6 | 141.31104 (13111908)   145.13496 (15120921)   150.86289 (15120921)   155.18103 (16011019)
161.19587 (13110718)
 4215880.6 | 142.08313 (13111908)   150.40075 (13111908)   154.55720 (13111908)   161.52012 (15120921)
166.14394 (16011019)
 4215860.6 | 147.09387 (14122218)   149.83466 (13111908)   160.30752 (13111908)   166.24798 (13111908)
173.38426 (15120921)
 4215840.6 | 152.17234 (14122218)   158.21136 (14122218)   160.10612 (14122218)   171.04679 (13111908)
179.22430 (13111908)
 4215820.6 | 157.01406 (14112117)   161.27806 (14122218)   170.01169 (14122218)   174.29566 (14122218)
182.61807 (13111908)
 4215800.6 | 160.63813 (14112117)   168.96567 (14112117)   173.55689 (14112117)   182.36811 (14122218)
189.72312 (14122218)
 4215780.6 | 154.31115 (14112117)   168.82746 (14112117)   180.81665 (14112117)   188.99290 (14112117)
195.12033 (14122218)
 4215760.6 | 156.08103 (17010618)   157.51324 (14112117)   175.82183 (14112117)   192.15200 (14112117)
204.90131 (14112117)
 4215740.6 | 168.18736 (17010618)   173.25431 (17010618)   175.39723 (17010618)   180.98763 (14112117)
202.32064 (14112117)
 4215720.6 | 175.18661 (15120806)   180.83566 (15120806)   189.64132 (17010618)   196.25440 (17010618)
199.27543 (17010618)

 4215700.6 | 175.47971 (15120806)   187.57730 (15120806)   198.03210 (15120806)   206.30817 (15120806)
216.38697 (17010618)
 4215680.6 | 180.25483 (15120719)   185.04659 (15120719)   195.69367 (15120806)   211.94129 (15120806)
226.44940 (15120806)
 4215660.6 | 185.78917 (15120719)   196.71936 (15120719)   206.82443 (15120719)   215.41898 (15120719)
221.76966 (15120719)
 4215640.6 | 186.79265 (15110719)   198.17138 (14111519)   209.48520 (14111519)   222.59774 (15120719)
238.11578 (15120719)
 4215620.6 | 189.30934 (14010720)   201.12164 (15110719)   213.75186 (15110719)   226.30894 (15110719)
239.64595 (14111519)
 4215600.6 | 204.12069 (14111220)   214.30080 (14111220)   215.13733 (14010720)   229.30320 (14010720)
243.82313 (14010720)
 4215580.6 | 205.75968 (16013021)   217.14024 (16013021)   229.90087 (14111220)   232.38899 (14111220)
248.81087 (14111220)
 4215560.6 | 210.70737 (15120817)   222.96497 (15120817)   235.60687 (15120817)   247.72052 (15120817)
249.47795 (15120817)
 4215540.6 | 206.46910 (16012421)   219.67410 (16012421)   233.61330 (16012421)   247.64518 (16012421)
263.74128 (16012421)
 4215520.6 | 181.82700 (14012720)   193.65650 (16012421)   206.91266 (16012421)   220.91707 (16012421)
236.98040 (16012421)
 4215500.6 | 239.95126 (14012720)   255.37469 (14012720)   272.44653 (14012720)   290.93901 (14012720)
311.56253 (14012720)
 4215480.6 | 267.32937 (14012720)   282.49970 (14012720)   298.39382 (14012720)   316.38792 (14012720)
336.07016 (14012720)
 4215460.6 | 264.57476 (14010718)   278.19890 (14010718)   293.16389 (14010718)   308.96933 (14010718)
330.17203 (13112022)
 4215440.6 | 263.23446 (13112022)   275.34310 (13112022)   287.46623 (13112022)   300.59213 (13112022)
312.68420 (13112022)
 4215420.6 | 253.76017 (16011321)   270.30450 (16011321)   287.17408 (16011321)   304.83407 (16011321)
321.57775 (16011321)
 4215400.6 | 254.43874 (16011321)   261.54068 (16011321)   273.19473 (13111718)   297.77278 (13111718)
321.44792 (13111718)
 4215380.6 | 255.46025 (13111718)   269.94289 (13111718)   282.92813 (13121818)   299.56009 (13121818)
318.02772 (13110818)
 4215360.6 | 254.01523 (13121818)   266.83634 (13110818)   277.19653 (13110818)   283.34894 (13110818)
302.04742 (15112517)
 4215340.6 | 241.71629 (13110818)   249.98495 (15112517)   270.60322 (15112517)   287.61811 (15112517)
305.53322 (16011921)
 4215320.6 | 245.56337 (15112517)   257.60426 (16011921)   270.19460 (16011921)   275.75210 (16011921)
273.23765 (16011921)
 4215300.6 | 242.03989 (16011921)   243.93061 (16011921)   239.26671 (16011921)   234.03587 (15111722)
271.34288 (15111722)
 4215280.6 | 211.83368 (16011921)   206.11950 (15111722)   238.59047 (15111722)   265.99890 (15111722)
285.02656 (15111722)
 4215260.6 | 211.77890 (15111722)   236.80417 (15111722)   255.21780 (15111722)   263.33362 (15111722)
273.93386 (14122917)
 4215240.6 | 229.09157 (15111722)   239.05489 (15111722)   245.50477 (14122917)   258.91243 (16123020)
270.85263 (13111119)
 4215220.6 | 219.47040 (15111722)   231.41931 (16123020)   242.36530 (13111119)   252.61509 (15110619)
258.51757 (15110619)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                                INCLUDING SOURCE(S):   IDLCAR   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17

- -

Y-COORD (METERS)	538945.17	538965.17	538985.17	539005.17	539025.17
4215200.6	219.46532 (16123020)	228.74866 (13111119)	237.07095 (15110619)	236.67261 (15110619)	247.45639 (14122918)
4215180.6	214.47321 (15110619)	220.69269 (15110619)	215.70522 (15110619)	234.33193 (14122918)	244.20043 (14122918)
4215160.6	204.81833 (15110619)	203.82188 (14122918)	221.41608 (14122918)	227.22604 (14122918)	238.44206 (13121819)
4215140.6	196.33035 (14122918)	209.48519 (14122918)	213.13841 (13121819)	223.53080 (13012521)	229.87887 (13012521)
4215120.6	198.50976 (14122918)	202.89214 (13121819)	211.08848 (13012521)	215.02526 (13012521)	204.36185 (13012521)
4215100.6	193.10292 (13121819)	200.30905 (13012521)	202.06619 (13012521)	191.14910 (13012521)	186.70407 (16110522)
4215080.6	190.36569 (13012521)	190.65018 (13012521)	179.27304 (13012521)	176.13178 (16110522)	197.41773 (15013018)
4215060.6	180.21470 (13012521)	168.71598 (13012521)	166.62196 (16110522)	184.70248 (15013018)	203.69943 (15013018)
4215040.6	159.09454 (13012521)	158.00194 (16110522)	173.25633 (15013018)	192.30109 (15013018)	197.76685 (15013018)
4215020.6	150.13392 (16110522)	162.71075 (15013018)	181.75098 (15013018)	188.60914 (15013018)	181.29490 (15013018)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538945.17	538965.17	538985.17	539005.17	539025.17
4216000.6	154.72504 (14121719)	161.82061 (15120918)	166.50896 (15011617)	171.07317 (15011617)	172.90411 (16012921)
4215980.6	156.94804 (15122908)	165.76904 (14121719)	172.66818 (15120918)	178.95368 (15011617)	179.94200 (15011617)
4215960.6	167.09259 (16011218)	166.44973 (14121719)	177.51578 (14121719)	184.05438 (15120918)	191.51525 (15011617)
4215940.6	173.55547 (16011218)	177.72468 (16011218)	180.29754 (14121719)	190.89930 (15120918)	197.49841 (15011617)
4215920.6	172.90895 (16011218)	186.17636 (16011218)	189.26856 (16011218)	195.53847 (14121719)	206.25968 (15120918)
4215900.6	167.29420 (13110718)	186.59309 (16011218)	200.20444 (16011218)	201.93875 (16011218)	212.34020 (14121719)
4215880.6	172.88817 (13110718)	179.76364 (13110718)	202.06771 (16011218)	215.88518 (16011218)	216.96349 (15122908)
4215860.6	178.43205 (16011019)	186.09522 (13110718)	193.97304 (14110521)	219.64914 (16011218)	233.52102 (16011218)
4215840.6	186.70549 (15120921)	192.29475 (16011019)	201.20547 (14110319)	211.26062 (16011218)	239.83151 (16011218)
4215820.6	193.60012 (13111908)	201.64371 (15120921)	208.08033 (16011019)	218.62901 (14110319)	231.77785 (16011218)
4215800.6	195.07339 (13111908)	209.60257 (13111908)	218.51527 (15120921)	227.35172 (15120921)	238.77480 (14110319)
4215780.6	206.45162 (14122218)	211.01151 (14122218)	227.47420 (13111908)	237.68130 (15120921)	249.96442 (15120921)

 4215760.6 | 212.36888 (14112117)   224.39671 (14122218)   233.49269 (14122218)   247.43107 (13111908)
262.33833 (13111908)
 4215740.6 | 220.69931 (14112117)   233.92361 (14112117)   243.38974 (14122218)   258.59602 (14122218)
269.70256 (13111908)
 4215720.6 | 210.58512 (14112117)   235.66297 (14112117)   256.21393 (14112117)   269.11461 (14112117)
286.43648 (14122218)
 4215700.6 | 225.17842 (17010618)   229.30726 (17010618)   248.59729 (14112117)   278.38488 (14112117)
300.95070 (14112117)
 4215680.6 | 238.29351 (15120806)   250.29774 (17010618)   262.44798 (17010618)   268.18216 (17010618)
298.70786 (14112117)
 4215660.6 | 241.59042 (15120806)   262.04404 (15120806)   279.36194 (15120806)   294.37810 (17010618)
311.55455 (17010618)
 4215640.6 | 252.46071 (15120719)   264.61415 (15120719)   278.25235 (15120806)   307.43340 (15120806)
333.40000 (15120806)
 4215620.6 | 256.82936 (14111519)   274.38372 (15120719)   297.30939 (15120719)   318.77169 (15120719)
336.74818 (15120719)
 4215600.6 | 261.00332 (15110719)   281.11160 (15110719)   301.46699 (15110719)   325.27533 (14111519)
352.35060 (14111519)
 4215580.6 | 266.12287 (14111220)   284.38607 (14111220)   306.28864 (14010720)   332.07538 (14010720)
360.00675 (15110719)
 4215560.6 | 265.75897 (16013021)   286.56433 (16013021)   309.47569 (16013021)   335.20949 (14111220)
368.19749 (14111220)
 4215540.6 | 268.57021 (16012421)   289.63454 (16012421)   313.19566 (16012421)   341.34800 (15120817)
373.60136 (15120817)
 4215520.6 | 248.99199 (14012720)   268.67171 (14012720)   290.89886 (14012720)   316.45866 (16012421)
348.41076 (16012421)
 4215500.6 | 334.67519 (14012720)   347.58752 (14012720)   378.07438 (14012720)   413.10705 (14012720)
453.41304 (14012720)
 4215480.6 | 356.86881 (14012720)   380.70864 (16012422)   391.71322 (16012422)   423.92974 (16012422)
461.52052 (14010718)
 4215460.6 | 354.05364 (13112022)   378.71634 (13112022)   403.78404 (13112022)   415.10957 (13112022)
445.06258 (13112022)
 4215440.6 | 340.23237 (16011321)   369.04081 (16011321)   397.38539 (16011321)   425.86930 (16011321)
436.73901 (16011321)
 4215420.6 | 336.49155 (16011321)   355.64666 (13111718)   390.71378 (13111718)   422.91119 (13111718)
435.69141 (13121818)
 4215400.6 | 342.79916 (13111718)   364.36883 (13121818)   388.80714 (13110818)   408.99788 (13110818)
426.37306 (15112517)
 4215380.6 | 333.71870 (13110818)   341.25775 (13110818)   372.45051 (15112517)   400.37865 (16011921)
428.73274 (16011921)
 4215360.6 | 327.37133 (15112517)   348.85741 (16011921)   365.52887 (16011921)   369.40079 (16011921)
369.70159 (15111722)
 4215340.6 | 316.38342 (16011921)   315.90541 (16011921)   312.66868 (15111722)   363.73929 (15111722)
401.35902 (15111722)
 4215320.6 | 268.87670 (15111722)   312.15595 (15111722)   345.90180 (15111722)   364.15243 (15111722)
384.91033 (16123020)
 4215300.6 | 302.25557 (15111722)   320.74079 (15111722)   332.90938 (14122917)   353.71224 (13111119)
373.50695 (15110619)
 4215280.6 | 291.62615 (14122917)   310.62328 (16123020)   327.24073 (13111119)   339.88726 (15110619)
347.55180 (14122918)
 4215260.6 | 288.85276 (13111119)   303.02066 (15110619)   307.70232 (15110619)   324.03402 (14122918)
339.23942 (14122918)
 4215240.6 | 281.08448 (15110619)   277.42313 (15110619)   302.10288 (14122918)   313.47525 (13121819)
331.31115 (13012521)
 4215220.6 | 260.61131 (14122918)   281.65009 (14122918)   291.98603 (13121819)   306.04402 (13012521)
299.90248 (13012521)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                               INCLUDING SOURCE(S):   IDLCAR   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

4215200.6	262.38408 (14122918)	272.64814 (13121819)	283.85336 (13012521)	275.82030 (13012521)	269.36543 (15013018)
4215180.6	254.84757 (13121819)	263.92957 (13012521)	254.80457 (13012521)	246.46037 (15013018)	287.23847 (15013018)
4215160.6	246.18574 (13012521)	236.27226 (13012521)	226.50200 (16110522)	265.35654 (15013018)	281.30994 (15013018)
4215140.6	219.43748 (13012521)	211.72480 (16110522)	245.65605 (15013018)	263.36928 (15013018)	255.42498 (15013018)
4215120.6	198.49631 (16110522)	227.88770 (15013018)	246.46302 (15013018)	242.56663 (15013018)	253.28033 (14110917)
4215100.6	211.82271 (15013018)	230.80815 (15013018)	230.38671 (15013018)	230.88296 (14110917)	253.18446 (14110917)
4215080.6	216.52563 (15013018)	218.69015 (15013018)	209.99147 (14110917)	235.88730 (14110917)	238.87447 (14110917)
4215060.6	207.48019 (15013018)	194.80269 (15013018)	218.58537 (14110917)	227.66290 (14110917)	213.88292 (14110917)
4215040.6	187.83632 (15013018)	202.15231 (14110917)	215.50578 (14110917)	208.83508 (14110917)	210.82808 (13121808)
4215020.6	186.80591 (14110917)	203.39489 (14110917)	202.40323 (14110917)	190.34077 (13121808)	210.96745 (13121808)

4216000.6	176.13544 (15011618)	179.84429 (15011606)	181.66222 (14121807)	187.36671 (14121807)	191.55828 (16011018)
4215980.6	185.30034 (16012921)	189.75613 (15011618)	190.72059 (15011606)	197.35328 (14121807)	201.96784 (16011018)
4215960.6	192.73834 (17011717)	196.85487 (16012921)	201.86870 (15011618)	204.13813 (14121807)	209.90780 (14121807)
4215940.6	204.04467 (15011617)	207.62043 (16012921)	213.04109 (15011618)	215.09767 (15011606)	222.81500 (14121807)
4215920.6	214.47939 (15011617)	216.25921 (17011717)	223.23509 (16012921)	228.93222 (15011618)	231.83826 (14121807)
4215900.6	222.56191 (15120918)	232.06454 (15011617)	234.21883 (17011717)	241.44313 (15011618)	245.34879 (15011606)
4215880.6	230.65927 (14121719)	239.96487 (15011617)	249.64865 (15011617)	255.46021 (16012921)	262.67029 (15011618)
4215860.6	234.29626 (14121719)	252.04944 (15120918)	264.25184 (15011617)	268.47167 (17011717)	276.65288 (15011618)
4215840.6	253.54246 (16011218)	259.11958 (14121719)	276.66490 (15120918)	289.89012 (15011617)	295.17312 (16012921)

 4215820.6 | 263.13779 (16011218)   276.29049 (16011218)   287.07235 (14121719)   303.46142 (15120918)
316.08239 (15011617)
 4215800.6 | 255.85545 (16011218)   290.29405 (16011218)   302.14056 (16011218)   318.73939 (14121719)
337.75410 (15011617)
 4215780.6 | 262.47680 (14110319)   284.29313 (16011218)   322.19294 (16011218)   331.74097 (16011218)
356.92852 (15120918)
 4215760.6 | 276.52473 (15120921)   290.50434 (14110319)   318.27563 (16011218)   359.97397 (16011218)
368.57193 (14121719)
 4215740.6 | 291.14789 (13111908)   307.84158 (15120921)   323.97330 (14110319)   359.39438 (16011218)
405.27378 (16011218)
 4215720.6 | 297.67483 (14122218)   324.70903 (13111908)   345.22510 (15120921)   364.57419 (14110319)
409.95054 (16011218)
 4215700.6 | 316.63617 (14122218)   337.93176 (14122218)   363.91462 (13111908)   390.45270 (15120921)
414.89439 (14110319)
 4215680.6 | 333.96106 (14112117)   357.51991 (14112117)   384.28004 (14122218)   410.12253 (13111908)
446.10930 (15120921)
 4215660.6 | 319.68514 (17010618)   366.27718 (14112117)   408.07209 (14112117)   437.25121 (14122218)
469.27549 (14122218)
 4215640.6 | 353.38856 (17010618)   378.17271 (17010618)   394.56595 (14112117)   461.43916 (14112117)
510.18258 (14112117)
 4215620.6 | 366.47168 (15120806)   406.28105 (15120806)   438.49252 (15120806)   473.90111 (17010618)
513.15431 (14112117)
 4215600.6 | 387.09612 (15120719)   421.09707 (15120719)   449.65577 (15120719)   509.64380 (15120806)
566.44234 (15120806)
 4215580.6 | 395.69084 (15110719)   432.08377 (15110719)   478.18352 (14111519)   535.41091 (15120719)
597.40302 (15120719)
 4215560.6 | 404.29106 (14111220)   443.71395 (14111220)   490.61281 (14010720)   547.72975 (14010720)
622.46542 (15110719)
 4215540.6 | 410.17157 (15120817)   452.20661 (15120817)   500.64755 (15120817)   558.09494 (16013021)
633.70241 (16013021)
 4215520.6 | 385.43761 (16012421)   429.34514 (16012421)   482.00805 (16012421)   546.41733 (16012421)
626.56563 (16012421)
 4215500.6 | 499.86858 (14012720)   554.50226 (14012720)   619.42501 (14012720)   698.14049 (14012720)
795.72750 (14012720)
 4215480.6 | 504.62936 (14010718)   553.15151 (14010718)   614.83625 (13112022)   689.94191 (13112022)
776.58877 (13112022)
 4215460.6 | 481.51762 (16011321)   538.22084 (16011321)   598.66017 (16011321)   661.18686 (16011321)
740.98269 (13111718)
 4215440.6 | 473.13669 (13111718)   529.70014 (13111718)   583.78104 (13111718)   648.37945 (13110818)
710.85409 (13110818)
 4215420.6 | 473.41026 (13110818)   508.33323 (13110818)   552.37012 (15112517)   616.74845 (16011921)
672.51950 (16011921)
 4215400.6 | 473.49984 (15112517)   516.38954 (16011921)   544.23528 (16011921)   560.93965 (15111722)
639.16098 (15111722)
 4215380.6 | 442.53189 (16011921)   449.18258 (15111722)   527.96329 (15111722)   576.58371 (15111722)
625.26401 (13111119)
 4215360.6 | 432.42560 (15111722)   476.70441 (15111722)   507.41925 (16123020)   549.53115 (15110619)
569.07418 (14122918)
 4215340.6 | 421.10807 (14122917)   455.57511 (13111119)   487.15496 (15110619)   511.11965 (14122918)
550.17419 (13121819)
 4215320.6 | 410.82455 (13111119)   428.74119 (15110619)   458.29538 (14122918)   487.99013 (13121819)
506.56913 (13012521)
 4215300.6 | 376.82129 (15110619)   412.68388 (14122918)   436.65730 (13012521)   448.11251 (13012521)
461.70632 (15013018)
 4215280.6 | 373.33127 (14122918)   395.17173 (13012521)   400.14280 (13012521)   407.77111 (15013018)
458.77365 (15013018)
 4215260.6 | 360.35415 (13012521)   360.66546 (13012521)   363.30904 (15013018)   412.06346 (15013018)
407.70131 (14110917)
 4215240.6 | 327.73170 (13012521)   326.45045 (15013018)   373.20927 (15013018)   375.05507 (15013018)
409.88814 (14110917)
 4215220.6 | 295.75147 (15013018)   340.23125 (15013018)   347.60879 (15013018)   368.41607 (14110917)
379.16313 (14110917)

Y-COORD (METERS)	X-COORD (METERS)				
	539045.17	539065.17	539085.17	539105.17	539125.17
4215200.6	312.00802 (15013018)	323.33509 (15013018)	330.68399 (14110917)	352.93387 (14110917)	342.92719 (13121808)
4215180.6	301.46292 (15013018)	296.61031 (14110917)	326.72990 (14110917)	315.07660 (14110917)	336.98846 (13121808)
4215160.6	268.56420 (15013018)	301.29774 (14110917)	301.38106 (14110917)	306.28507 (13121808)	318.46604 (15112508)
4215140.6	276.70913 (14110917)	286.19139 (14110917)	274.19378 (13121808)	296.52541 (13121808)	307.03309 (13111121)
4215120.6	269.94944 (14110917)	256.05469 (14110917)	275.26000 (13121808)	283.29052 (15112508)	290.35172 (13111121)
4215100.6	248.30359 (14110917)	251.23497 (13121808)	263.26217 (13121808)	274.11249 (13111121)	277.24772 (14110418)
4215080.6	226.50089 (13121808)	248.46783 (13121808)	254.37723 (15112508)	259.41864 (13111121)	268.77594 (14110418)
4215060.6	230.53748 (13121808)	235.24556 (15112508)	246.81909 (13111121)	248.56830 (14110418)	253.94120 (15121718)
4215040.6	224.34814 (13121808)	229.66283 (15112508)	233.16142 (13111121)	242.40008 (14110418)	239.78961 (15121718)
4215020.6	214.15872 (15112508)	222.98086 (13111121)	223.73778 (14110418)	229.80453 (14110418)	226.92439 (15111721)

Y-COORD (METERS)	X-COORD (METERS)				
	539145.17	539165.17	539185.17	539205.17	539225.17
4216000.6	194.23837 (16010522)	196.64001 (13011219)	202.33176 (16120820)	207.15159 (16011217)	207.38550 (14122021)
4215980.6	201.77439 (16010522)	205.36585 (16010522)	211.92157 (16120820)	217.93915 (16011217)	218.97882 (14122021)
4215960.6	214.10583 (16011018)	218.82575 (16010522)	220.92349 (13011219)	228.01660 (16011217)	230.56576 (14122021)
4215940.6	228.30499 (16011018)	230.52090 (16010522)	234.27225 (13011219)	241.18243 (16120820)	245.91298 (16011217)
4215920.6	239.42617 (16011018)	242.30068 (15010408)	246.95701 (16010522)	255.51000 (16120820)	262.63446 (16011217)
4215900.6	254.33141 (14121807)	260.40358 (16011018)	264.62822 (16010522)	268.33629 (16120820)	279.03324 (16011217)

 4215880.6 | 266.53116 (14121807)   276.50818 (16011018)   279.59443 (16010522)   286.12713 (13011219)
294.26088 (16011217)
 4215860.6 | 283.50986 (15011606)   294.02220 (14121807)   299.89342 (16011018)   305.08338 (16010522)
316.23331 (16120820)
 4215840.6 | 305.41684 (15011618)   310.90141 (14121807)   323.47545 (16011018)   329.18911 (16010522)
336.83683 (16120820)
 4215820.6 | 324.31177 (16012921)   332.86579 (15011606)   345.38336 (14121807)   350.78245 (15010408)
361.35203 (13011219)
 4215800.6 | 346.19591 (17011717)   361.02092 (15011618)   369.49866 (14121807)   384.75135 (16011018)
391.11412 (16010522)
 4215780.6 | 377.86975 (15011617)   387.87529 (16012921)   399.07047 (15011606)   414.05114 (14121807)
425.97426 (16010522)
 4215760.6 | 401.34221 (15120918)   419.99808 (15011617)   435.77773 (15011618)   449.85223 (14121807)
466.75432 (16011018)
 4215740.6 | 422.18747 (14121719)   454.70057 (15011617)   472.91988 (16012921)   491.08580 (15011618)
513.10648 (16011018)
 4215720.6 | 460.27808 (16011218)   485.72836 (14121719)   523.94620 (15011617)   540.10949 (16012921)
564.66684 (14121807)
 4215700.6 | 473.33754 (16011218)   527.81422 (16011218)   566.27445 (15120918)   599.35936 (15011617)
628.09380 (15011618)
 4215680.6 | 479.18701 (16011019)   554.27688 (16011218)   612.06331 (16011218)   664.72182 (15120918)
704.09685 (16012921)
 4215660.6 | 519.70245 (13111908)   562.30468 (16011019)   660.33638 (16011218)   718.72849 (16011218)
801.77264 (15011617)
 4215640.6 | 557.45954 (14122218)   616.89305 (13111908)   673.07506 (16011019)   803.65963 (16011218)
887.71615 (14121719)
 4215620.6 | 602.41524 (14112117)   666.61541 (14122218)   744.11001 (13111908)   828.88075 (15120921)
1005.31476 (16011218)
 4215600.6 | 620.97948 (17010618)   702.30044 (14112117)   822.36201 (14112117)   921.10175 (14122218)
1060.61157 (15120921)
 4215580.6 | 665.84690 (15120806)   771.54607 (15120806)   867.70894 (17010618)   1032.01072 (14112117)
1213.03528 (14122218)
 4215560.6 | 706.93020 (14111519)   822.15413 (15120719)   956.16385 (15120719)   1140.89249 (15120806)
1343.22787 (17010618)
 4215540.6 | 733.70231 (14111220)   856.99457 (14111220)   1013.50916 (14010720)   1233.77110 (15110719)
1537.32535 (15120719)
 4215520.6 | 728.47997 (16012421)   860.58387 (16012421)   1036.89092 (16012421)   1280.77482 (15120817)
1645.08321 (15120817)
 4215500.6 | 917.44207 (14012720)   1072.31307 (14012720)   1272.70345 (14012720)   1543.61568 (16012422)
1942.09395 (14010718)
 4215480.6 | 874.57007 (13112022)   1019.26654 (16011321)   1204.24446 (16011321)   1446.86498 (13111718)
1784.11818 (13110818)
 4215460.6 | 856.45594 (13111718)   981.97251 (13110818)   1111.91237 (15112517)   1324.84712 (16011921)
1536.20751 (15111722)
 4215440.6 | 804.33001 (15112517)   908.76268 (16011921)   1000.16371 (15111722)   1182.33644 (15111722)
1353.04065 (15110619)
 4215420.6 | 714.80057 (15111722)   846.38352 (15111722)   947.74596 (13111119)   1045.22160 (14122918)
1181.23490 (13012521)
 4215400.6 | 699.44422 (14122917)   781.92864 (15110619)   855.71526 (14122918)   943.13565 (13012521)
1038.82444 (15013018)
 4215380.6 | 653.43224 (15110619)   712.67444 (14122918)   775.02621 (13012521)   843.60885 (15013018)
926.00317 (14110917)
 4215360.6 | 604.34219 (13121819)   651.16074 (13012521)   699.79474 (15013018)   752.19319 (14110917)
801.95178 (14110917)
 4215340.6 | 578.00857 (13012521)   590.94296 (15013018)   637.55117 (15013018)   697.90818 (14110917)
719.22714 (13121808)
 4215320.6 | 527.55603 (15013018)   576.85246 (15013018)   603.05374 (14110917)   613.40687 (13121808)
659.78444 (13111121)
 4215300.6 | 512.64612 (15013018)   540.77221 (14110917)   547.13059 (14110917)   564.97264 (15112508)
603.51000 (14110418)
 4215280.6 | 469.90732 (14110917)   502.02680 (14110917)   513.77805 (13121808)   523.84475 (13111121)
545.04944 (15121718)
 4215260.6 | 455.31260 (14110917)   451.18135 (13121808)   479.21281 (15112508)   485.63962 (14110418)
496.34136 (14012722)
 4215240.6 | 404.09539 (14110917)   430.60291 (13121808)   449.24479 (13111121)   446.58238 (14110418)
457.94419 (14012722)
 4215220.6 | 387.54141 (13121808)   405.80048 (13111121)   421.78809 (14110418)   422.43985 (15111721)
425.53283 (16112721)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539145.17	539165.17	539185.17	539205.17	539225.17
4215200.6	364.50025 (13121808)	381.61958 (13111121)	394.90197 (14110418)	399.20091 (14012722)	390.91095 (16112721)
4215180.6	350.12233 (13111121)	360.92394 (14110418)	364.77830 (15121718)	370.63929 (16112721)	366.12360 (15110620)
4215160.6	329.69392 (13111121)	342.30027 (14110418)	342.18520 (14012722)	351.91743 (16112721)	358.69986 (14112820)
4215140.6	313.50423 (14110418)	318.90176 (15121718)	324.56840 (14012722)	327.87621 (16112721)	338.04388 (14110821)
4215120.6	300.88540 (14110418)	296.62449 (15111721)	305.35998 (16112721)	311.63441 (15110620)	317.66678 (14110821)
4215100.6	282.80059 (15121718)	285.68226 (14012722)	291.00603 (16112721)	296.48779 (14112820)	296.38413 (14110821)
4215080.6	265.13355 (15111721)	270.48841 (14012722)	273.41150 (16112721)	281.20815 (14112820)	284.74607 (16110617)
4215060.6	253.41575 (14012722)	257.35269 (16112721)	261.00789 (15110620)	267.81248 (14110821)	273.71235 (16110617)
4215040.6	244.51141 (14012722)	247.16343 (16112721)	249.87489 (14112820)	254.08027 (14110821)	261.98205 (16110617)
4215020.6	231.68585 (14012722)	234.04310 (16112721)	240.79610 (14112820)	239.58613 (14110821)	249.84479 (16110617)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539245.17	539265.17	539285.17	539305.17	539325.17
4216000.6	202.79045 (15011719)	208.73619 (13110518)	209.16229 (13110518)	204.82398 (16011017)	202.03173 (14122019)
4215980.6	216.61860 (15011719)	219.67240 (16011522)	222.18595 (13110518)	216.34582 (16011017)	213.67468 (14122019)
4215960.6	231.24407 (15011719)	232.57412 (13010722)	236.35217 (13110518)	228.99878 (16011017)	226.52459 (14122019)

 4215940.6 | 246.52133 (15011719)   247.01325 (13010722)   251.81462 (13110518)   242.92484 (16011017)
240.67568 (14122019)
 4215920.6 | 262.27028 (15011719)   262.33577 (13010722)   268.68454 (13110518)   258.28855 (16011017)
256.49997 (14122019)
 4215900.6 | 281.03153 (14122021)   278.55109 (13010722)   287.11155 (13110518)   275.35509 (16011017)
274.16837 (14122019)
 4215880.6 | 300.40343 (14122021)   296.03091 (15011719)   307.28991 (13110518)   294.24570 (16011017)
293.90991 (14122019)
 4215860.6 | 322.66805 (16011217)   321.95647 (15011719)   329.26290 (13110518)   315.88829 (14122321)
316.13937 (14122019)
 4215840.6 | 349.81848 (16011217)   349.67252 (15011719)   353.16444 (13110518)   343.69579 (13110518)
341.43535 (14122019)
 4215820.6 | 376.75210 (16011217)   379.12972 (14122021)   380.03041 (16011522)   376.17056 (13110518)
370.43906 (14122019)
 4215800.6 | 405.44225 (16120820)   414.42587 (14122021)   414.15984 (13010722)   413.61036 (13110518)
403.80962 (14122019)
 4215780.6 | 440.75967 (16120820)   451.59405 (16011217)   452.42764 (13010722)   457.09797 (13110518)
443.17985 (14122019)
 4215760.6 | 478.13683 (13011219)   501.28682 (16011217)   495.46179 (15011719)   507.78281 (13110518)
489.70103 (14122019)
 4215740.6 | 528.10635 (16010522)   551.64703 (16011217)   556.65143 (15011719)   567.25721 (13110518)
544.99290 (14122019)
 4215720.6 | 582.04974 (16010522)   611.07748 (16120820)   625.40744 (14122021)   637.53514 (13110518)
611.91992 (15011807)
 4215700.6 | 659.64957 (16011018)   677.67594 (13011219)   708.13295 (14122021)   721.32642 (13110518)
694.19214 (15011807)
 4215680.6 | 739.69764 (14121807)   771.56911 (16010522)   812.12367 (16011217)   821.46650 (13110518)
796.92290 (15011807)
 4215660.6 | 843.74962 (15011618)   889.13516 (16011018)   929.74035 (16011217)   945.79375 (13010722)
928.41410 (16011017)
 4215640.6 | 965.34045 (15011617)   1031.36487 (14121807)   1078.88361 (16120820)   1116.68579 (15011719)
1103.18053 (16011017)
 4215620.6 | 1125.24161 (15120918)   1218.31765 (15011618)   1289.57270 (16010522)   1363.51331 (14122021)
1343.42049 (16011017)
 4215600.6 | 1300.95375 (16011218)   1466.95613 (15011617)   1584.74287 (14121807)   1700.75175 (16011217)
1689.57809 (16011017)
 4215580.6 | 1419.35139 (15120921)   1759.76587 (16011218)   1986.59593 (16012921)   2163.37589 (16010522)
2233.47363 (13110518)
 4215560.6 | 1684.06476 (14112117)   2023.44010 (13111908)   2551.14923 (14121816)   2947.66171 (15011618)
3263.54203 (13110518)
 4215540.6 | 1947.21021 (15120806)   2483.51366 (17010618)   3212.49360 (14122218)   4152.06859 (16011218)
5799.33815 (15120816)
 4215520.6 | 2203.72608 (15120817)   3194.13012 (14111220)   4677.01647 (15120719)   6334.78508 (15120806)
5493.57753 (14121816)
 4215500.6 | 2564.07390 (13112022)   3567.70091 (16011321)   4862.38868 (13110818)   6374.61310 (13112022)
5307.78905 (15110419)
 4215480.6 | 2203.41747 (16011921)   2710.58303 (15111722)   3189.25228 (13012521)   3607.92614 (13111121)
3920.17509 (15110419)
 4215460.6 | 1836.82965 (13111119)   2118.04037 (13012521)   2395.86467 (14110917)   2599.00104 (14012722)
2755.64793 (15112306)
 4215440.6 | 1538.72274 (13012521)   1707.61349 (15013018)   1878.34085 (13111121)   2022.51935 (14110821)
2097.66362 (15112306)
 4215420.6 | 1311.91216 (15013018)   1408.83584 (14110917)   1538.89476 (14110418)   1641.08805 (16110617)
1670.55086 (17012706)
 4215400.6 | 1143.58482 (14110917)   1212.45952 (13111121)   1282.95842 (16112721)   1359.72108 (16110617)
1372.98496 (17012706)
 4215380.6 | 971.52176 (13121808)   1052.89382 (14110418)   1096.91202 (14112820)   1127.85219 (16121208)
1155.06732 (17012706)
 4215360.6 | 866.24729 (13111121)   907.35341 (14012722)   956.37349 (14110821)   961.24792 (15110419)
989.25366 (17012706)
 4215340.6 | 776.36841 (14110418)   802.94107 (16112721)   841.02139 (16110617)   846.77193 (15110419)
859.80099 (17012706)
 4215320.6 | 684.41430 (15121718)   713.15395 (15110620)   753.23807 (16110617)   751.44803 (15110419)
756.32785 (17012706)
 4215300.6 | 621.41119 (14012722)   646.74429 (14112820)   670.20679 (16110617)   669.54734 (15110419)
672.04745 (17012706)
 4215280.6 | 565.62570 (16112721)   585.61173 (14110821)   593.57562 (16110617)   599.71140 (15110419)
602.51760 (17012706)
 4215260.6 | 512.93761 (15110620)   530.83155 (16110617)   533.13534 (16121208)   541.65974 (17010220)

543.85872 (17012706)
 4215240.6 | 475.01871 (14112820)   493.72558 (16110617)   481.20977 (16121208)   492.38749 (17010220)
494.55290 (17012706)
 4215220.6 | 438.45859 (14110821)   455.40401 (16110617)   434.87712 (15110419)   449.41548 (17010220)
452.31664 (17012706)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                               INCLUDING SOURCE(S):   IDLCAR   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
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- - - - - - - -

 4215200.6 | 405.90871 (14110821)   417.64622 (16110617)   406.12997 (15110419)   411.77292 (17010220)
415.85629 (17012706)
 4215180.6 | 373.05829 (16110617)   381.38331 (16110617)   379.41893 (15110419)   378.62532 (17010220)
384.09670 (17012706)
 4215160.6 | 354.25162 (16110617)   350.65944 (16121208)   354.68496 (15110419)   349.85033 (15112306)
356.07711 (17012706)
 4215140.6 | 346.97429 (16110617)   326.02457 (16121208)   331.81964 (15110419)   327.48230 (15112306)
331.80738 (17012706)
 4215120.6 | 327.08868 (16110617)   315.94108 (16121208)   324.09242 (15110419)   307.32394 (15112306)
310.25116 (17012706)
 4215100.6 | 306.69676 (16110617)   293.64611 (16121208)   304.90765 (15110419)   289.22002 (15112306)
290.83813 (17012706)
 4215080.6 | 286.30742 (16110617)   273.12416 (16121208)   287.12184 (15110419)   272.79627 (15112306)
273.47528 (17012706)
 4215060.6 | 269.71700 (16121208)   262.39385 (15110419)   271.08936 (17010220)   269.00800 (15112306)
257.83121 (17012706)
 4215040.6 | 256.59180 (16121208)   252.51459 (15110419)   257.87603 (17010220)   256.12517 (15112306)
254.18171 (17012706)
 4215020.6 | 243.95863 (16121208)   242.88062 (15110419)   245.48336 (17010220)   244.21201 (15112306)
241.93188 (17012706)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                               INCLUDING SOURCE(S):   IDLCAR   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
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- - - - - - - -

 4216000.6 | 205.68622 (16110718)   202.92387 (14120121)   202.02195 (16011706)   199.89628 (16012018)
198.70711 (16110719)
 4215980.6 | 217.28473 (16110718)   214.53993 (14113020)   213.33086 (16011706)   211.41317 (13121517)
210.31304 (16110719)
 4215960.6 | 230.12101 (16110718)   227.32565 (14113020)   225.30921 (16011706)   223.95748 (13121517)
221.87310 (16110719)
 4215940.6 | 244.15675 (16110718)   241.25274 (14113020)   238.00712 (16011706)   237.02888 (13121517)
233.44516 (16110719)
 4215920.6 | 259.67086 (16110718)   256.52132 (14120907)   252.70934 (16012018)   250.75971 (16110719)
245.80676 (16122018)
 4215900.6 | 276.92918 (16110718)   274.39002 (14120907)   270.58380 (16012018)   269.22107 (16110719)
261.80181 (16122018)
 4215880.6 | 296.15771 (16110718)   294.05078 (14120907)   290.00380 (16012018)   288.36419 (16110719)
279.53276 (15112818)
 4215860.6 | 317.73122 (16110718)   315.77829 (14120907)   312.03721 (13121517)   307.96425 (16110719)
300.13823 (14012807)
 4215840.6 | 342.44186 (14120121)   340.26191 (16011706)   336.75377 (13121517)   327.46150 (16110719)
324.59853 (15111318)
 4215820.6 | 372.05998 (14120121)   368.89076 (16011706)   362.97381 (13121517)   353.78903 (16122018)
349.11173 (14120421)
 4215800.6 | 405.97267 (14120121)   400.50466 (16011706)   397.46882 (16110719)   384.08151 (14012807)
375.80349 (14120822)
 4215780.6 | 445.31800 (14120121)   437.53783 (16012018)   434.66160 (16110719)   422.06683 (15111318)
411.64597 (14120822)
 4215760.6 | 491.28903 (14120121)   483.94740 (16012018)   473.43930 (16110719)   462.67483 (15111318)
450.28139 (15112117)
 4215740.6 | 545.39537 (14113020)   538.13267 (13121517)   520.67333 (16122018)   508.85992 (14120822)
488.86476 (15112117)
 4215720.6 | 611.56228 (14113020)   601.20361 (13121517)   582.37049 (14012807)   565.94582 (14120822)
540.42700 (16120822)
 4215700.6 | 693.52178 (14120907)   681.83194 (16110719)   658.44198 (15111318)   632.95768 (15112117)
595.90958 (15120518)
 4215680.6 | 794.02589 (14120907)   774.85187 (16110719)   745.51264 (14120822)   707.70422 (16120822)
669.00025 (13111118)
 4215660.6 | 921.32670 (16011706)   885.76063 (15112818)   856.45502 (15112117)   801.36587 (14122020)
751.14832 (14120120)
 4215640.6 | 1086.50402 (16012018)   1049.40333 (15111318)   985.63362 (16120822)   918.63525 (13111118)
844.59760 (13111717)
 4215620.6 | 1318.39177 (13121517)   1254.93857 (14120822)   1160.28550 (14122020)   1054.29437 (14112520)
957.41377 (15120622)
 4215600.6 | 1650.09100 (16110719)   1522.68505 (16120822)   1383.15837 (14120120)   1227.72150 (16012618)
1102.97628 (14110817)
 4215580.6 | 2137.01863 (15111318)   1913.28838 (13111118)   1661.20915 (16012618)   1446.00640 (14110817)
1238.90816 (13122217)
 4215560.6 | 2945.92068 (16120822)   2438.66013 (16012618)   2011.91918 (15120117)   1668.99297 (15111020)
1403.09863 (14120318)
 4215540.6 | 4217.18813 (14120607)   3128.66142 (13122217)   2447.94480 (13110917)   1959.23282 (13122417)
1553.51294 (13120417)
 4215520.6 | 6463.16043 (15012007)   4091.62182 (15012007)   2905.85998 (15012007)   2197.87029 (16120520)
1710.77964 (16120520)
 4215500.6 | 6418.23888 (17011208)   6487.02712 (16012518)   3497.23351 (16012518)   2295.40712 (16012518)
1720.61928 (13111808)
 4215480.6 | 4326.70040 (16110518)   3844.39731 (16111321)   2813.79501 (17011208)   2203.22036 (17011208)
1666.94385 (16012517)
 4215460.6 | 2893.13687 (14110218)   2802.28970 (14013006)   2198.06399 (16111321)   1597.60687 (16112806)
1374.14863 (17011208)
 4215440.6 | 2163.00487 (15012918)   2128.76987 (14110717)   1841.08408 (16122222)   1459.77069 (16111321)
1130.30965 (16112806)
 4215420.6 | 1703.99622 (14110908)   1664.95997 (15011018)   1584.84543 (14013006)   1314.37425 (13112817)
1066.59938 (16111321)
 4215400.6 | 1403.92099 (14110908)   1380.23147 (14110218)   1338.63419 (14110717)   1214.71681 (16122222)
1007.36238 (13112817)
 4215380.6 | 1172.16688 (14110908)   1140.94893 (14110218)   1126.29346 (16110518)   1057.27005 (14110717)
925.61895 (16122222)
 4215360.6 | 989.71610 (14110908)   992.91742 (15012918)   952.15004 (13123121)   940.82548 (14110717)
870.52943 (14013006)
 4215340.6 | 848.81324 (16121207)   866.65053 (15012918)   847.30928 (14110218)   820.20643 (16110518)
782.03487 (14110717)
 4215320.6 | 752.48667 (16121207)   750.69201 (15012918)   743.85616 (14110218)   719.20737 (15011018)

707.44552 (14110717)
 4215300.6 | 671.98338 (16121207)   678.65026 (14110908)   658.17449 (15012109)   637.08720 (13110920)
628.07346 (16110518)
 4215280.6 | 604.53252 (16121207)   614.38043 (14110908)   597.10708 (15012918)   586.65993 (14110218)
567.55209 (16110518)
 4215260.6 | 547.11542 (16121207)   555.94621 (14110908)   545.42013 (15012918)   532.47722 (14110218)
509.88803 (13123121)
 4215240.6 | 498.14727 (13112018)   503.09865 (14110908)   494.07835 (15012918)   476.88768 (15012109)
465.97340 (13110920)
 4215220.6 | 457.03985 (13112018)   455.37670 (14110908)   445.35127 (15012918)   442.57598 (15012109)
438.22381 (14110218)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                               INCLUDING SOURCE(S):   IDLCAR   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
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- - - - - - - -

 4215200.6 | 421.10152 (13112018)   412.85679 (14110908)   413.81689 (14110908)   409.61481 (15012918)
406.04458 (14110218)
 4215180.6 | 389.32441 (13112018)   374.85360 (14110908)   388.37054 (14110908)   383.49812 (15012918)
370.36697 (14110218)
 4215160.6 | 361.39481 (13112018)   341.39662 (16121207)   363.58205 (14110908)   356.49079 (15012918)
345.92247 (15012109)
 4215140.6 | 336.71559 (13112018)   321.69328 (16121207)   339.73405 (14110908)   329.52927 (15012918)
324.68683 (15012109)
 4215120.6 | 314.62418 (13112018)   303.64952 (16121207)   317.05949 (14110908)   303.27780 (15012918)
304.31559 (15012918)
 4215100.6 | 294.79136 (13112018)   286.98125 (16121207)   295.64383 (14110908)   285.21919 (14110908)
289.23264 (15012918)
 4215080.6 | 277.00004 (13112018)   271.44529 (16121207)   275.58257 (14110908)   272.97603 (14110908)
273.07694 (15012918)
 4215060.6 | 260.78112 (13112018)   257.16202 (16121207)   256.82422 (14110908)   260.52670 (14110908)
256.61035 (15012918)
 4215040.6 | 256.78821 (13112018)   243.94951 (16121207)   239.54822 (14110908)   248.14772 (14110908)
240.22003 (15012918)
 4215020.6 | 244.06643 (13111822)   242.12466 (16121207)   223.50355 (14110908)   236.02022 (14110908)
224.71729 (15112021)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                               INCLUDING SOURCE(S):   IDLCAR   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539445.17	539465.17	539485.17	539505.17	539525.17
4216000.6	193.68807 (16122018)	191.76610 (14012807)	189.92135 (14120421)	187.20427 (14120822)	184.14066 (15112117)
4215980.6	204.29661 (16122018)	203.00848 (15111318)	198.69091 (14120421)	195.20179 (14120822)	191.30107 (15112117)
4215960.6	215.70233 (15112818)	214.62444 (15111318)	210.64570 (14120822)	207.25905 (15112117)	200.84274 (16120818)
4215940.6	228.61614 (14012807)	226.61900 (14120421)	222.70373 (14120822)	217.77907 (15112117)	211.83014 (16120822)
4215920.6	243.56266 (15111318)	238.83082 (14120421)	234.95054 (15112117)	228.12663 (16120818)	222.42027 (13122418)
4215900.6	260.36533 (15111318)	255.33824 (14120822)	250.20121 (15112117)	241.93518 (16120822)	234.73785 (15120518)
4215880.6	276.71471 (14120421)	270.81348 (14120822)	261.92572 (15112117)	255.41883 (13122418)	248.99455 (14122020)
4215860.6	294.12948 (14120421)	290.01829 (15112117)	279.65769 (16120822)	270.99011 (15120518)	263.79651 (14122020)
4215840.6	317.55780 (14120822)	308.16297 (15112117)	297.42274 (16120822)	289.88961 (14122020)	280.75856 (13111118)
4215820.6	339.74727 (15112117)	328.62644 (16120818)	317.61322 (15120518)	307.16216 (13111118)	294.41561 (14120120)
4215800.6	368.44890 (15112117)	352.80146 (16120822)	342.69350 (14122020)	328.82198 (13111118)	316.64228 (14120120)
4215780.6	395.29056 (16120818)	380.10310 (15120518)	367.96962 (13111118)	353.02859 (14120120)	336.36633 (14112520)
4215760.6	429.96075 (16120822)	414.51790 (14122020)	391.72135 (16011107)	374.96236 (16012020)	358.96308 (13111717)
4215740.6	467.55146 (15120518)	449.88254 (13111118)	427.10165 (14120120)	405.63173 (13111717)	384.58176 (16012618)
4215720.6	515.55873 (14122020)	489.56868 (14120120)	462.12600 (14112520)	436.46973 (14120420)	411.89269 (16110917)
4215700.6	564.58780 (13111118)	532.15078 (14112520)	502.28867 (14120420)	470.37519 (15120622)	441.59303 (16110917)
4215680.6	624.70870 (14120120)	584.54497 (14120420)	545.44561 (15120622)	507.66777 (14110817)	470.60668 (14110817)
4215660.6	694.43209 (13111717)	643.37020 (15120622)	596.23773 (14110817)	540.44783 (16121118)	503.37640 (15112917)
4215640.6	774.70121 (15120622)	713.49188 (14110817)	640.79041 (16121118)	585.60361 (15012118)	532.75487 (13011217)
4215620.6	874.10408 (14110817)	776.97734 (15120117)	699.01794 (13122217)	627.51727 (15111020)	563.62290 (14110222)
4215600.6	963.89891 (15112917)	847.58034 (15111020)	752.41759 (14110222)	674.97154 (14120318)	615.12592 (13110917)
4215580.6	1065.28082 (14110222)	931.95147 (14120318)	828.83821 (13110917)	725.90270 (13122417)	635.93107 (13122417)
4215560.6	1194.67924 (13110917)	1013.42311 (13122417)	854.90159 (13120417)	751.67645 (13120417)	659.56217 (15012007)
4215540.6	1277.93399 (15012007)	1039.79567 (15012007)	840.50976 (15012007)	740.22741 (16120520)	663.87956 (16120520)
4215520.6	1361.40012 (16120520)	1108.09943 (16120520)	926.89663 (15013106)	794.96269 (15013106)	691.19258 (15013106)
4215500.6	1364.49787 (13111808)	1120.44006 (13111808)	943.08450 (13111808)	808.87752 (13111808)	704.18310 (13111808)
4215480.6	1339.78997 (15111417)	1117.63326 (15111417)	944.56868 (16012518)	800.91242 (16012518)	682.59320 (16012518)
4215460.6	1230.69318 (17011208)	1016.74233 (17011208)	866.75259 (16012517)	757.80528 (16012517)	663.58761 (15111417)
4215440.6	915.88381 (15110121)	857.00072 (17011208)	811.50577 (17011208)	721.88336 (17011208)	617.23571 (17011208)
4215420.6	854.30372 (17010206)	748.72216 (16112806)	645.55096 (15110121)	599.44736 (17011208)	585.26351 (17011208)
4215400.6	826.27349 (16111321)	669.29216 (17010206)	613.72899 (16112806)	522.21761 (16112806)	486.93011 (15110121)
4215380.6	804.15020 (16111321)	665.77266 (16111321)	538.00913 (17010206)	507.04679 (17010206)	

459.13376 (16112806)
 4215360.6 | 708.28800 (14112806)   663.16060 (16111321)   552.25605 (16111321)   451.43754 (14012919)
432.66562 (17010206)
 4215340.6 | 718.29361 (16122222)   602.02273 (13112817)   558.89357 (16111321)   468.47762 (16111321)
391.88712 (14012919)
 4215320.6 | 660.69631 (14013006)   588.73332 (16122222)   518.28979 (13112817)   478.94854 (16111321)
404.13136 (16111321)
 4215300.6 | 609.49900 (14110717)   567.94044 (16122222)   482.08283 (16122222)   450.50879 (13112817)
416.43018 (16111321)
 4215280.6 | 556.78262 (14110717)   522.29368 (16011507)   490.19082 (16122222)   408.46769 (14112806)
395.28922 (13112817)
 4215260.6 | 499.80735 (16110518)   492.78131 (14110717)   463.38073 (14013006)   419.76271 (16122222)
362.42470 (13112817)
 4215240.6 | 464.16792 (16110518)   453.73657 (14110717)   426.45720 (16011507)   410.33809 (16122222)
358.15615 (16122222)
 4215220.6 | 422.65459 (15011018)   410.23937 (16110518)   410.36243 (14110717)   385.38713 (14013006)
363.67076 (16122222)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                                INCLUDING SOURCE(S):   IDLCAR   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
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- - - - - - - -

 4215200.6 | 389.75839 (13123121)   388.44885 (16110518)   379.88660 (14110717)   359.70447 (14110717)
348.45516 (14013006)
 4215180.6 | 360.80384 (13110920)   358.76344 (15011018)   346.35252 (16113021)   348.63798 (14110717)
327.55514 (16011507)
 4215160.6 | 344.68098 (14110218)   330.94042 (13123121)   330.88616 (16110518)   324.14387 (14110717)
311.20442 (14110717)
 4215140.6 | 323.65360 (14110218)   310.26067 (13123121)   308.75543 (16110518)   298.18653 (16113021)
301.16361 (14110717)
 4215120.6 | 299.74268 (14110218)   291.67673 (14110218)   287.67875 (15011018)   285.89006 (16110518)
281.01019 (14110717)
 4215100.6 | 278.64304 (15012109)   280.47878 (14110218)   270.73383 (13123121)   270.41441 (16110518)
260.53545 (16113021)
 4215080.6 | 266.02074 (15012109)   265.97411 (14110218)   254.69163 (13110920)   253.87642 (15011018)
250.27267 (16110518)
 4215060.6 | 251.70302 (15012109)   249.28425 (14110218)   242.42331 (14110218)   237.56542 (13123121)
239.30559 (16110518)
 4215040.6 | 237.98602 (15012918)   231.35649 (14110218)   234.35832 (14110218)   226.65203 (13123121)
225.71289 (15011018)
 4215020.6 | 228.54420 (15012918)   222.29883 (15012109)   223.87014 (14110218)   214.76159 (13110920)
212.55575 (15011018)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539545.17	539565.17	539585.17	539605.17	539625.17
4216000.6	178.77605 (16120818)	174.79577 (13122418)	170.75145 (15110421)	167.77744 (14122020)	164.16659 (13111118)
4215980.6	187.67918 (16120822)	182.87684 (15120518)	180.01015 (14122020)	175.65718 (13111118)	168.80884 (16011107)
4215960.6	196.06319 (13122418)	191.11973 (15110421)	186.50133 (14122020)	182.11595 (13111118)	178.09738 (14120120)
4215940.6	205.84491 (15120518)	202.20865 (14122020)	196.89538 (13111118)	189.53308 (14120120)	184.55504 (14120120)
4215920.6	216.64219 (14122020)	211.08635 (13111118)	203.51113 (16011107)	199.90188 (14120120)	191.71689 (14112520)
4215900.6	229.53993 (14122020)	222.31838 (13111118)	215.78591 (14120120)	206.83912 (16012020)	201.10199 (14112520)
4215880.6	242.09213 (13111118)	231.96288 (14120120)	225.15183 (16012020)	218.35917 (14112520)	208.97211 (14120420)
4215860.6	253.45737 (13111118)	246.97213 (14120120)	237.15323 (14112520)	228.11224 (13111717)	220.23299 (14120420)
4215840.6	270.52669 (14120120)	257.90625 (15011121)	249.80195 (13111717)	240.48860 (14120420)	229.90101 (15120622)
4215820.6	284.51879 (16012020)	274.06648 (13111717)	263.57249 (14120420)	251.10092 (13112718)	243.27205 (16110917)
4215800.6	303.12791 (14112520)	290.00731 (14120420)	275.83033 (13112718)	266.54176 (16110917)	255.17337 (16110917)
4215780.6	320.40104 (14120420)	306.00361 (16012618)	293.82524 (16110917)	280.48628 (16110917)	269.09741 (14110817)
4215760.6	341.87926 (16012618)	326.16131 (16110917)	310.38220 (16110917)	296.84867 (14110817)	274.01400 (16121118)
4215740.6	364.79971 (16110917)	346.01982 (16110917)	329.55137 (14110817)	304.78764 (16121118)	289.82315 (15112917)
4215720.6	389.18809 (16110917)	368.37741 (14110817)	340.57862 (16121118)	322.36689 (15112917)	303.14027 (13122217)
4215700.6	414.77919 (14110817)	384.62349 (15120117)	359.07432 (15012118)	336.54348 (13011217)	314.86857 (15111020)
4215680.6	437.56476 (15120117)	406.16578 (13122217)	376.10337 (13011217)	350.11605 (15111020)	327.35052 (14110222)
4215660.6	462.74762 (13122217)	426.92046 (15111020)	394.55563 (14110222)	364.80331 (13120917)	342.01647 (14120318)
4215640.6	487.64454 (15010317)	446.24925 (13120917)	414.46658 (14120318)	387.34409 (13110917)	360.62812 (13110917)
4215620.6	517.99587 (14120318)	479.49454 (13110917)	437.10604 (13110917)	401.45771 (13122417)	369.27395 (13122417)
4215600.6	545.92961 (13122417)	499.23670 (13122417)	444.41539 (13122417)	398.64017 (13120417)	373.90115 (13120417)
4215580.6	556.62835 (13120417)	509.24975 (13120417)	461.80313 (15012007)	418.39757 (15012007)	375.94430 (15012007)
4215560.6	572.73766 (15012007)	494.39743 (15012007)	425.87484 (15012007)	384.94530 (16120520)	362.52165 (16120520)
4215540.6	596.02824 (16120520)	536.83476 (16120520)	485.53385 (16120520)	440.50694 (16120520)	401.10700 (16120520)
4215520.6	607.29061 (15013106)	539.16439 (15013106)	482.57950 (15013106)	435.16213 (15013106)	394.94801 (15013106)
4215500.6	620.52950 (13111808)	551.99495 (13111808)	495.24308 (13111808)	447.68627 (13111808)	407.44565 (13111808)
4215480.6	585.19872 (16012518)	504.57694 (16012518)	437.47609 (16012518)	393.20999 (13111808)	364.55917 (13111808)
4215460.6	599.95294 (15111417)	539.52587 (16012518)	488.22829 (16012518)	440.81885 (16012518)	397.69408 (16012518)
4215440.6	555.49819 (16012517)	509.07794 (16012517)	458.86894 (16012517)	416.86171 (15111417)	

389.48135 (15111417)
 4215420.6 | 543.47629 (17011208)   487.19912 (17011208)   425.88151 (17011208)   396.14763 (16012517)
372.35169 (16012517)
 4215400.6 | 453.46466 (15110121)   447.17725 (17011208)   426.68104 (17011208)   394.71824 (17011208)
356.68807 (17011208)
 4215380.6 | 388.71090 (15110121)   385.15373 (15110121)   361.14730 (15110121)   355.52343 (17011208)
345.59584 (17011208)
 4215360.6 | 400.86137 (16112806)   352.21313 (16112806)   319.49520 (15110121)   314.86825 (15110121)
296.95410 (15110121)
 4215340.6 | 371.98165 (17010206)   349.34854 (16112806)   320.10000 (16112806)   276.91261 (16033106)
268.72284 (15110121)
 4215320.6 | 344.31109 (14012919)   322.10689 (17010206)   306.75266 (17010206)   289.04302 (16112806)
259.25174 (16112806)
 4215300.6 | 353.51553 (16111321)   305.60654 (14012919)   281.00328 (17010206)   274.44709 (17010206)
260.05906 (16112806)
 4215280.6 | 366.46466 (16111321)   312.79720 (16111321)   273.75329 (14012919)   246.92597 (17010206)
246.12076 (17010206)
 4215260.6 | 349.54515 (13112817)   325.61522 (16111321)   279.46067 (16111321)   247.12008 (14012919)
219.70517 (14012919)
 4215240.6 | 327.86165 (13112817)   311.99356 (16111321)   291.99977 (16111321)   251.74484 (16111321)
224.55527 (14012919)
 4215220.6 | 307.60489 (14112819)   297.59899 (13112817)   282.73717 (16111321)   263.61809 (16111321)
228.37667 (16111321)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
                               INCLUDING SOURCE(S):   IDLCAR   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4215200.6 | 320.01568 (16122222)   275.58194 (14112806)   271.08452 (13112817)   257.73436 (16111321)
239.62027 (16111321)
 4215180.6 | 315.12268 (16122222)   280.49241 (16122222)   251.87505 (14112806)   247.96237 (13112817)
236.04244 (16111321)
 4215160.6 | 300.44004 (14013006)   284.34165 (16122222)   245.44990 (16122222)   230.83507 (13112817)
227.41006 (13112817)
 4215140.6 | 282.66341 (16011507)   274.51813 (14013006)   255.19886 (16122222)   221.94460 (14112819)
214.76615 (13112817)
 4215120.6 | 273.01397 (14110717)   261.35638 (14013006)   252.53876 (16122222)   228.06792 (16122222)
203.00154 (14112819)
 4215100.6 | 263.79435 (14110717)   246.63543 (16011507)   243.10764 (14013006)   230.99220 (16122222)
203.36316 (16122222)
 4215080.6 | 246.96178 (14110717)   242.15514 (14110717)   231.28164 (16011507)   224.41922 (16122222)
210.18316 (16122222)
 4215060.6 | 230.42508 (16113021)   233.69870 (14110717)   218.37342 (14110717)   216.15486 (14013006)
208.60059 (16122222)
 4215040.6 | 221.30257 (16110518)   219.30686 (14110717)   216.60526 (14110717)   206.05115 (16011507)
201.88327 (14013006)
 4215020.6 | 213.42689 (16110518)   205.67360 (16113021)   208.87782 (14110717)   197.48281 (14110717)
193.20203 (16011507)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.6	158.86040 (14120120)	155.43259 (14120120)	150.66450 (14112520)	147.36064 (13111717)	142.76576 (14120420)
4215980.6	166.73105 (14120120)	160.39358 (15011121)	156.94837 (14112520)	151.37475 (13111717)	148.57670 (14120420)
4215960.6	171.87937 (16012020)	167.87321 (14112520)	162.21238 (13111717)	158.57810 (14120420)	153.11863 (15010117)
4215940.6	179.52035 (14112520)	174.12303 (13111717)	169.37732 (14120420)	163.65536 (15010117)	159.25100 (15120622)
4215920.6	187.06362 (13111717)	181.23192 (14120420)	175.35096 (15010117)	170.09994 (15120622)	166.09658 (16110917)
4215900.6	194.38038 (14120420)	188.37503 (15010117)	182.12187 (15120622)	177.70219 (16110917)	172.18129 (16110917)
4215880.6	203.31181 (15010117)	195.99767 (15120622)	190.77092 (16110917)	184.42769 (16110917)	177.69763 (14110817)
4215860.6	211.84443 (15120622)	205.86499 (16110917)	198.53336 (16110917)	191.27329 (14110817)	183.99875 (14110817)
4215840.6	223.24777 (16110917)	214.75183 (16110917)	206.78969 (14110817)	197.27047 (14110817)	186.77965 (16121118)
4215820.6	233.50496 (16110917)	224.64081 (14110817)	212.40758 (14110817)	201.97537 (16121118)	194.76538 (15120117)
4215800.6	245.25046 (14110817)	229.54156 (14110817)	219.25208 (16121118)	210.37738 (15112917)	200.72675 (15012118)
4215780.6	248.92694 (17011218)	239.58782 (15120117)	228.99585 (15112917)	217.49718 (13122217)	207.75373 (13011217)
4215760.6	263.17955 (15120117)	249.24837 (15112917)	237.15388 (13122217)	224.51523 (13011217)	214.08462 (15111020)
4215740.6	273.48503 (15012118)	259.26716 (13011217)	244.21292 (15111020)	231.73494 (15010317)	220.52152 (14110222)
4215720.6	284.19059 (13011217)	268.48083 (15111020)	253.37586 (14110222)	237.55146 (14110222)	227.22611 (14120318)
4215700.6	294.98555 (15010317)	276.68151 (14110222)	261.53110 (14120318)	248.20463 (14120318)	234.77938 (13110917)
4215680.6	305.77568 (13120917)	288.62479 (14120318)	272.50818 (13110917)	260.55088 (13110917)	243.78166 (13110917)
4215660.6	321.57076 (13110917)	303.72575 (13110917)	280.20411 (13110917)	265.33553 (13122417)	250.09136 (13122417)
4215640.6	330.29329 (13122417)	310.90929 (13122417)	287.47843 (13122417)	262.05068 (13122417)	242.43145 (13120417)
4215620.6	332.89250 (13122417)	303.70783 (13120417)	289.41690 (13120417)	273.21606 (13120417)	256.41378 (15012007)
4215600.6	346.09377 (13120417)	320.96460 (15012007)	296.30789 (15012007)	272.30399 (15012007)	249.15966 (15012007)
4215580.6	336.18448 (15012007)	299.59002 (15012007)	266.70361 (15012007)	241.01598 (16120520)	232.87019 (16120520)
4215560.6	340.89376 (16120520)	320.53844 (16120520)	301.22188 (16120520)	283.49553 (16120520)	266.97827 (16120520)
4215540.6	366.77261 (16120520)	336.24226 (16120520)	309.46772 (16120520)	286.05289 (16120520)	265.10049 (16120520)
4215520.6	360.72966 (15013106)	330.99717 (15013106)	305.28756 (15013106)	283.00102 (15013106)	263.15940 (15013106)
4215500.6	372.83091 (13111808)	342.86896 (13111808)	316.88925 (13111808)	294.22856 (13111808)	

274.15941 (13111808)
 4215480.6 | 338.97116 (13111808)   316.07739 (13111808)   295.63256 (13111808)   277.23416 (13111808)
260.66407 (13111808)
 4215460.6 | 358.66136 (16012518)   323.99165 (16012518)   292.93571 (16012518)   265.29850 (16012518)
240.81446 (16012518)
 4215440.6 | 361.49557 (15111417)   335.32224 (16012518)   312.19152 (16012518)   289.99436 (16012518)
269.03643 (16012518)
 4215420.6 | 345.13554 (16012517)   316.42229 (16012517)   293.61717 (15111417)   279.36426 (15111417)
264.48539 (15111417)
 4215400.6 | 316.44302 (17011208)   301.07301 (16012517)   287.63123 (16012517)   271.50217 (16012517)
253.84924 (16012517)
 4215380.6 | 326.79873 (17011208)   302.39705 (17011208)   275.15282 (17011208)   246.88756 (17011208)
239.09937 (16012517)
 4215360.6 | 291.11374 (17011208)   286.61200 (17011208)   275.45881 (17011208)   259.57918 (17011208)
240.71919 (17011208)
 4215340.6 | 264.05709 (15110121)   250.21405 (15110121)   243.71463 (17011208)   242.26420 (17011208)
235.72871 (17011208)
 4215320.6 | 231.23463 (16033106)   230.25201 (15110121)   225.74550 (15110121)   214.66478 (15110121)
207.58059 (17011208)
 4215300.6 | 240.53996 (16112806)   212.84288 (16112806)   198.03376 (15110121)   200.01178 (15110121)
195.83414 (15110121)
 4215280.6 | 233.65130 (16112806)   221.79826 (16112806)   201.68257 (16112806)   181.99540 (16033106)
174.94418 (15110121)
 4215260.6 | 221.30800 (17010206)   212.50597 (17010206)   203.64849 (16112806)   189.60284 (16112806)
170.42618 (16112806)
 4215240.6 | 202.39490 (14012919)   199.60004 (17010206)   195.00978 (17010206)   186.51102 (16112806)
177.26717 (16112806)
 4215220.6 | 205.24517 (14012919)   187.13452 (14012919)   180.56825 (17010206)   179.04341 (17010206)
170.66019 (16112806)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***

INCLUDING SOURCE(S):   IDLCAR   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

 Y-COORD | X-COORD (METERS)
 (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 208.42185 (16111321)   188.52985 (14012919)   173.66177 (14012919)   163.86856 (17010206)
164.60950 (17010206)
 4215180.6 | 219.06571 (16111321)   191.23266 (16111321)   174.00868 (14012919)   161.68506 (14012919)
149.13956 (17010206)
 4215160.6 | 217.13756 (16111321)   201.28237 (16111321)   176.31313 (16111321)   161.26757 (14012919)
151.01996 (14012919)
 4215140.6 | 209.37539 (13112817)   200.69456 (16111321)   185.79830 (16111321)   163.27923 (16111321)
150.01763 (14012919)
 4215120.6 | 200.24847 (13112817)   193.42191 (13112817)   186.09703 (16111321)   172.20798 (16111321)
151.80736 (16111321)
 4215100.6 | 188.97326 (14112806)   186.92944 (13112817)   179.13707 (13112817)   173.21891 (16111321)
160.18912 (16111321)
 4215080.6 | 183.82214 (14112819)   176.06364 (14112806)   174.74405 (13112817)   166.99124 (16111321)
161.74343 (16111321)
 4215060.6 | 190.52428 (16122222)   170.56301 (14112819)   164.19307 (13112817)   163.64555 (13112817)
156.89570 (16111321)
 4215040.6 | 192.73944 (16122222)   172.23174 (16122222)   158.15253 (14112819)   155.39852 (13112817)
153.47781 (13112817)

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLCAR
***
INCLUDING SOURCE(S):   IDLCAR   ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	1869.32244	(14110908)	539351.84	4215428.70	1847.22983	(15012918)
539361.84	4215428.70	1827.19965	(15011018)	539371.84	4215428.70	1823.31117	(14110717)
539381.84	4215428.70	1742.98024	(14013006)	539341.84	4215438.70	2102.49615	(14110908)
539351.84	4215438.70	2104.27558	(14110218)	539361.84	4215438.70	2087.13035	(16110518)
539371.84	4215438.70	2039.42332	(14110717)	539381.84	4215438.70	1911.43818	(16122222)
539341.84	4215448.70	2401.28710	(15012918)	539351.84	4215448.70	2407.73968	(14110218)
539361.84	4215448.70	2387.86461	(14110717)	539371.84	4215448.70	2294.40541	(14013006)
539381.84	4215448.70	2026.20330	(13112817)	539341.84	4215458.70	2801.91805	(15012918)
539351.84	4215458.70	2801.71131	(16110518)	539361.84	4215458.70	2763.38750	(14110717)
539371.84	4215458.70	2559.37924	(16122222)	539381.84	4215458.70	2291.51279	(16111321)
539341.84	4215468.70	3327.83638	(15012918)	539351.84	4215468.70	3347.00494	(16110518)
539361.84	4215468.70	3237.38402	(16122222)	539371.84	4215468.70	2917.82137	(16111321)
539381.84	4215468.70	2401.51391	(16111321)	539113.88	4215517.52	594.08250	(14012720)
539096.52	4215515.99	550.15184	(14012720)	539108.26	4215501.18	710.59307	(14012720)
539096.01	4215500.67	660.08170	(14012720)	539108.26	4215486.38	703.88104	(14010718)
539094.47	4215485.36	649.65952	(14010718)	539135.32	4215461.36	798.45189	(13111718)
539150.13	4215439.91	830.35905	(16011921)	539114.39	4215452.68	697.02010	(13111718)
539123.07	4215439.40	698.16206	(13110818)	539159.32	4215421.02	813.88847	(15111722)
539145.02	4215416.43	728.23807	(15111722)	539134.30	4215410.81	674.68084	(15111722)
539131.75	4215425.11	709.76916	(16011921)	539206.80	4215383.75	860.36223	(15013018)
539215.99	4215372.52	842.74703	(14110917)	539188.93	4215382.22	788.15234	(13012521)
539176.17	4215379.67	749.20642	(13012521)	539165.44	4215376.09	700.13466	(13121819)
539248.79	4215356.71	854.99855	(14110418)	539243.45	4215348.45	797.96355	(14110418)
539265.58	4215345.25	824.48830	(16112721)	539260.78	4215338.05	781.91936	

(14012722)
539256.25 4215351.38 839.65970 (15121718) 539272.77 4215331.92 776.91687
(14112820)
539264.78 4215324.99 730.47824 (16112721) 539280.77 4215321.79 745.68911
(16110617)
539279.97 4215307.14 691.94072 (16110617) 539287.97 4215313.80 722.61722
(16110617)
539297.83 4215304.74 667.81692 (15110419) 539289.56 4215296.21 641.59085
(16121208)
539311.15 4215287.68 619.00467 (17010220) 539303.69 4215281.28 602.63004
(15110419)
539303.69 4215296.21 652.85284 (15110419) 539314.25 4215271.79 571.32489
(15112306)
539329.09 4215260.48 542.61687 (13010906) 539339.69 4215237.16 492.91724
(13112018)
539357.36 4215232.92 461.94130 (14110908) 539394.11 4215199.70 413.46465
(15012918)
539044.99 4215579.21 395.60739 (15110719) 539034.39 4215591.93 370.41984
(14111519)
539054.88 4215556.59 424.06625 (14111220) 539058.42 4215538.92 437.78804
(15120817)
539054.88 4215520.55 405.40558 (16012421) 539082.44 4215477.44 606.50765
(13112022)
539073.96 4215466.13 555.79527 (16011321) 539098.70 4215440.69 625.14177
(13110818)
539109.30 4215426.56 635.36336 (15112517) 539117.07 4215415.96 633.18419
(16011921)
539125.55 4215401.11 640.92688 (15111722) 539158.77 4215367.19 657.82056
(13121819)
539150.29 4215357.30 614.36980 (13012521) 539184.21 4215339.63 632.99446
(15013018)
539222.37 4215324.79 666.17724 (13111121) 539243.58 4215317.72 672.57295
(15121718)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLCAR ***

INCLUDING SOURCE(S): IDLCAR ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539371.49	4215194.05	411.57472	(14110908)	539364.42	4215191.93	393.81518	(14110908)
539344.64	4215200.41	420.87705	(13112018)	539409.65	4215113.48	299.45092	(15012918)
539355.94	4215136.80	329.12961	(16121207)	539262.66	4215288.75	606.56814	(14112820)
539282.44	4215261.19	535.39251	(16110617)	539299.41	4215235.04	481.66542	(15110419)
539168.92	4215647.77	608.73580	(15120921)	538947.70	4216163.58	118.80084	(16012921)
539352.12	4215798.21	408.82672	(14113020)	539367.62	4215566.76	2211.59459	(14120420)
539278.26	4215504.64	4933.71672	(16011321)	539297.51	4215494.11	4558.20283	(13012521)
539323.66	4215486.12	4405.40754	(15110419)	539342.55	4215482.85	4564.92817	(16110518)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                               INCLUDING SOURCE(S):   IDLTK   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
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 4216000.6 | 81.18649 (13111908)   83.54874 (15120921)   85.81794 (15120921)   87.72021 (16011019)
90.52958 (13110718)
 4215980.6 | 83.11573 (13111908)   85.62638 (13111908)   88.04138 (15120921)   90.70512 (15120921)
92.72959 (16011019)
 4215960.6 | 83.30778 (13111908)   87.40833 (13111908)   90.40083 (13111908)   92.89188 (15120921)
96.02763 (15120921)
 4215940.6 | 86.20120 (14122218)   87.25791 (13111908)   92.11266 (13111908)   95.63081 (13111908)
98.22588 (13111908)
 4215920.6 | 88.51663 (14122218)   91.32744 (14122218)   93.23513 (14122218)   97.18403 (13111908)
101.39470 (13111908)
 4215900.6 | 90.41049 (14112117)   93.27155 (14122218)   96.73292 (14122218)   99.45341 (14122218)
102.32185 (13111908)
 4215880.6 | 93.10280 (14112117)   96.07326 (14112117)   98.34138 (14122218)   102.59588 (14122218)
106.02916 (14122218)
 4215860.6 | 93.83742 (14112117)   98.30719 (14112117)   102.08745 (14112117)   105.15520 (14112117)
108.85135 (14122218)
 4215840.6 | 91.79436 (14112117)   97.72050 (14112117)   103.63801 (14112117)   108.40961 (14112117)
112.46399 (14112117)
 4215820.6 | 92.45138 (17010618)   94.29548 (14112117)   101.75680 (14112117)   108.56117 (14112117)
115.00686 (14112117)
 4215800.6 | 97.24841 (17010618)   99.94649 (17010618)   101.83891 (17010618)   105.26293 (14112117)
113.62176 (14112117)
 4215780.6 | 100.55825 (15120806)   103.39340 (17010618)   107.36662 (17010618)   110.66189 (17010618)
112.96965 (17010618)
 4215760.6 | 103.03413 (15120806)   107.33122 (15120806)   111.37289 (15120806)   114.58549 (17010618)
119.42031 (17010618)
 4215740.6 | 102.15210 (15120806)   108.18063 (15120806)   113.79474 (15120806)   119.16513 (15120806)
124.23239 (15120806)
 4215720.6 | 106.18272 (15120719)   109.52071 (15120719)   112.51738 (15120719)   119.29368 (15120806)
126.52997 (15120806)
 4215700.6 | 108.22782 (15120719)   113.25481 (15120719)   118.25882 (15120719)   123.12140 (15120719)

127.38487 (15120719)
 4215680.6 | 108.78675 (14111519)   113.82444 (14111519)   119.22807 (15120719)   125.73907 (15120719)
132.26050 (15120719)
 4215660.6 | 110.47234 (15110719)   115.59639 (15110719)   120.84824 (15110719)   126.43797 (14111519)
133.13172 (14111519)
 4215640.6 | 128.71528 (14010720)   116.33353 (14010720)   121.76358 (14010720)   128.42348 (15110719)
135.34785 (15110719)
 4215620.6 | 131.34659 (14111220)   136.48256 (14111220)   123.63086 (14111220)   129.54030 (14111220)
136.29775 (14010720)
 4215600.6 | 131.59926 (16013021)   136.82548 (16013021)   142.46638 (14111220)   130.91813 (14111220)
138.16687 (14111220)
 4215580.6 | 134.06155 (15120817)   139.50708 (15120817)   145.35166 (15120817)   151.79382 (15120817)
159.21088 (15120817)
 4215560.6 | 134.00458 (16012421)   139.83084 (16012421)   146.35511 (16012421)   153.10689 (16012421)
161.40886 (16012421)
 4215540.6 | 127.45592 (16012421)   133.73763 (16012421)   140.38134 (16012421)   147.62753 (16012421)
156.35002 (16012421)
 4215520.6 | 136.12365 (14012720)   142.92436 (14012720)   150.21892 (14012720)   158.18433 (14012720)
167.21606 (14012720)
 4215500.6 | 159.57645 (14012720)   167.29697 (14012720)   175.65886 (14012720)   184.74534 (14012720)
195.49653 (14012720)
 4215480.6 | 170.40443 (14012720)   177.89090 (14012720)   185.88079 (14012720)   194.79920 (14012720)
204.53162 (14012720)
 4215460.6 | 168.99467 (16012422)   176.13690 (14010718)   183.98858 (14010718)   192.75590 (14010718)
202.02498 (14010718)
 4215440.6 | 168.57102 (13112022)   176.21925 (13112022)   184.26577 (13112022)   192.54721 (13112022)
200.91575 (13112022)
 4215420.6 | 164.58608 (13112022)   169.75993 (13112022)   174.57603 (13112022)   185.44411 (16011321)
196.37710 (16011321)
 4215400.6 | 165.25604 (16011321)   173.31308 (16011321)   180.85288 (16011321)   188.22653 (16011321)
195.64072 (16011321)
 4215380.6 | 162.60350 (16011321)   166.90193 (16011321)   173.35641 (13111718)   184.88008 (13111718)
196.24726 (13111718)
 4215360.6 | 163.44764 (13111718)   171.62202 (13111718)   179.27694 (13111718)   186.90099 (13121818)
195.34978 (13121818)
 4215340.6 | 163.87362 (13121818)   170.05495 (13121818)   177.75704 (13110818)   184.29074 (13110818)
189.52980 (13110818)
 4215320.6 | 161.49934 (13110818)   165.47623 (13110818)   168.06591 (13110818)   176.57519 (15112517)
187.52601 (15112517)
 4215300.6 | 152.99931 (15112517)   162.69818 (15112517)   171.09569 (15112517)   178.97287 (16011921)
187.31040 (16011921)
 4215280.6 | 156.61418 (15112517)   163.92005 (16011921)   169.57311 (16011921)   173.20996 (16011921)
174.12269 (16011921)
 4215260.6 | 154.71126 (16011921)   156.98229 (16011921)   156.44233 (16011921)   153.80811 (16011921)
161.19139 (15111722)
 4215240.6 | 141.92312 (16011921)   138.88062 (16011921)   145.16801 (15111722)   160.45798 (15111722)
174.05184 (15111722)
 4215220.6 | 131.70113 (15111722)   145.19328 (15111722)   157.65064 (15111722)   166.88667 (15111722)
173.27952 (15111722)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                                INCLUDING SOURCE(S):   IDLTK   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
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 4215200.6 | 143.38542 (15111722)   152.28960 (15111722)   158.63700 (15111722)   161.27707 (15111722)
168.13001 (16123020)
 4215180.6 | 145.80542 (15111722)   149.14323 (15111722)   152.99398 (14122917)   160.26001 (16123020)
166.73692 (13111119)
 4215160.6 | 140.14519 (14122917)   146.38895 (16123020)   152.03220 (16123020)   157.77411 (13111119)
162.94750 (15110619)
 4215140.6 | 140.28917 (16123020)   145.22966 (13111119)   149.61054 (15110619)   153.46477 (15110619)
152.60956 (15110619)
 4215120.6 | 138.34983 (13111119)   142.41032 (15110619)   144.03391 (15110619)   142.61860 (14122918)
153.18617 (14122918)
 4215100.6 | 135.05401 (15110619)   135.03029 (15110619)   137.41101 (14122918)   146.04092 (14122918)
150.15217 (14122918)
 4215080.6 | 126.31920 (15110619)   132.46705 (14122918)   139.36454 (14122918)   141.96768 (14122918)
147.57687 (13121819)
 4215060.6 | 127.31611 (14122918)   132.82895 (14122918)   134.48997 (13121819)   140.26296 (13121819)
144.86652 (13012521)
 4215040.6 | 126.74237 (14122918)   128.90021 (13121819)   133.53329 (13121819)   137.60211 (13012521)
137.26818 (13012521)
 4215020.6 | 123.51937 (13121819)   127.22187 (13012521)   130.94154 (13012521)   130.08843 (13012521)
124.16764 (13012521)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                               INCLUDING SOURCE(S):   IDLTK   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
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 4216000.6 | 93.74900 (13110718)   101.94592 (16011218)   109.00624 (16011218)   114.04320 (16011218)
116.54490 (16011218)
 4215980.6 | 95.80364 (13110718)   99.34780 (13110718)   108.56687 (16011218)   116.17785 (16011218)
121.29677 (16011218)
 4215960.6 | 98.22035 (16011019)   101.61844 (13110718)   105.55907 (13110718)   115.83991 (16011218)
124.17617 (16011218)
 4215940.6 | 101.86498 (15120921)   104.28480 (15120921)   108.04012 (13110718)   112.47435 (13110718)
123.96184 (16011218)
 4215920.6 | 104.52260 (13111908)   108.33832 (15120921)   111.32117 (15120921)   115.25399 (14110319)
120.21661 (13110718)
 4215900.6 | 107.65166 (13111908)   111.51174 (13111908)   115.56320 (15120921)   119.14740 (15120921)
123.34198 (14110319)
 4215880.6 | 107.95456 (13111908)   114.47108 (13111908)   119.22403 (13111908)   123.65502 (15120921)
127.92210 (15120921)
 4215860.6 | 113.22101 (14122218)   116.38630 (14122218)   122.07194 (13111908)   127.79132 (13111908)
132.64644 (15120921)
 4215840.6 | 115.54334 (14122218)   121.00219 (14122218)   125.39255 (14122218)   130.09864 (13111908)
137.42914 (13111908)
 4215820.6 | 120.24644 (14112117)   124.56673 (14112117)   129.51571 (14122218)   135.19524 (14122218)
138.88484 (13111908)
 4215800.6 | 121.63409 (14112117)   128.55430 (14112117)   134.31566 (14112117)   138.69325 (14122218)
145.98909 (14122218)
 4215780.6 | 118.41342 (14112117)   127.91104 (14112117)   137.17059 (14112117)   144.73662 (14112117)
151.03264 (14112117)
 4215760.6 | 123.48632 (17010618)   126.35215 (17010618)   134.29715 (14112117)   145.42929 (14112117)

155.92541 (14112117)
 4215740.6 | 128.44557 (15120806)   133.94353 (17010618)   139.06399 (17010618)   142.71268 (17010618)
153.86541 (14112117)
 4215720.6 | 133.22525 (15120806)   139.66305 (15120806)   145.41802 (15120806)   151.81679 (17010618)
158.38888 (17010618)
 4215700.6 | 132.25057 (15120806)   141.50337 (15120806)   150.26914 (15120806)   158.73860 (15120806)
166.56879 (15120806)
 4215680.6 | 138.77341 (15120719)   145.10054 (15120719)   150.77921 (15120719)   159.65613 (15120806)
171.52414 (15120806)
 4215660.6 | 139.95911 (14111519)   148.55224 (15120719)   157.38274 (15120719)   166.40945 (15120719)
175.12143 (15120719)
 4215640.6 | 142.57397 (15110719)   150.10039 (15110719)   158.56368 (14111519)   168.31101 (14111519)
179.79005 (15120719)
 4215620.6 | 143.82138 (14010720)   151.74087 (14010720)   161.10982 (15110719)   171.56136 (15110719)
182.70309 (15110719)
 4215600.6 | 146.02186 (14111220)   154.43996 (14111220)   163.49656 (14111220)   173.29474 (14111220)
184.67486 (14010720)
 4215580.6 | 167.81166 (16013021)   177.73873 (16013021)   163.71600 (16013021)   174.22796 (14111220)
187.01536 (14111220)
 4215560.6 | 170.51373 (15120817)   180.87977 (15120817)   191.84458 (15120817)   177.62389 (15120817)
189.73029 (15120817)
 4215540.6 | 165.92617 (16012421)   176.42063 (16012421)   187.64500 (16012421)   199.40693 (16012421)
186.87186 (16012421)
 4215520.6 | 177.13143 (14012720)   188.06900 (14012720)   200.06154 (14012720)   213.11861 (14012720)
227.78553 (14012720)
 4215500.6 | 207.02882 (14012720)   219.74476 (14012720)   233.80584 (14012720)   249.03067 (14012720)
265.96656 (14012720)
 4215480.6 | 215.35416 (14012720)   227.01859 (14012720)   239.40334 (14012720)   253.94166 (16012422)
270.20106 (16012422)
 4215460.6 | 211.77704 (14010718)   222.55240 (13112022)   236.74276 (13112022)   252.07914 (13112022)
268.66263 (13112022)
 4215440.6 | 210.02877 (13112022)   219.37524 (13112022)   228.86905 (13112022)   241.71234 (16011321)
260.34818 (16011321)
 4215420.6 | 208.05785 (16011321)   219.79552 (16011321)   231.72195 (16011321)   244.25716 (16011321)
256.53515 (16011321)
 4215400.6 | 202.47682 (16011321)   211.81744 (13111718)   227.75173 (13111718)   244.16378 (13111718)
260.21196 (13111718)
 4215380.6 | 206.98870 (13111718)   216.73584 (13111718)   228.56756 (13121818)   242.04429 (13110818)
255.24529 (13110818)
 4215360.6 | 204.82605 (13110818)   213.54237 (13110818)   221.28717 (13110818)   228.99249 (15112517)
247.81035 (15112517)
 4215340.6 | 192.86808 (13110818)   206.24033 (15112517)   219.35011 (15112517)   232.92227 (16011921)
245.41136 (16011921)
 4215320.6 | 197.11242 (15112517)   207.83140 (16011921)   216.01342 (16011921)   220.63895 (16011921)
220.49729 (16011921)
 4215300.6 | 192.75610 (16011921)   195.25657 (16011921)   193.49831 (16011921)   204.29771 (15111722)
227.61351 (15111722)
 4215280.6 | 171.65227 (16011921)   180.66385 (15111722)   200.96314 (15111722)   217.55185 (15111722)
229.35484 (15111722)
 4215260.6 | 179.15521 (15111722)   194.05049 (15111722)   205.49153 (15111722)   210.97541 (15111722)
222.56693 (16123020)
 4215240.6 | 184.60419 (15111722)   190.96574 (15111722)   197.53985 (14122917)   208.57309 (16123020)
217.97736 (13111119)
 4215220.6 | 177.13789 (14122917)   187.01121 (16123020)   195.75191 (13111119)   203.94333 (15110619)
208.26667 (15110619)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                                INCLUDING SOURCE(S):   IDLTK   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538845.17	538865.17	538885.17	538905.17	538925.17
4215200.6	175.95330 (16123020)	183.41842 (13111119)	190.15665 (15110619)	190.89977 (15110619)	202.38723 (14122918)
4215180.6	172.71118 (15110619)	176.72943 (15110619)	176.60705 (14122918)	190.29674 (14122918)	196.73077 (14122918)
4215160.6	164.44702 (15110619)	168.45237 (14122918)	178.87319 (14122918)	183.77895 (13121819)	192.95987 (13012521)
4215140.6	160.52334 (14122918)	168.51533 (14122918)	173.23341 (13121819)	181.00758 (13012521)	185.42156 (13012521)
4215120.6	159.00759 (14122918)	163.99590 (13121819)	170.43593 (13012521)	173.37231 (13012521)	168.24761 (13012521)
4215100.6	155.44459 (13121819)	161.16113 (13012521)	162.84168 (13012521)	157.54398 (13012521)	155.43415 (15013018)
4215080.6	152.64356 (13012521)	153.56781 (13012521)	147.90589 (13012521)	145.14812 (15013018)	164.01962 (15013018)
4215060.6	145.08207 (13012521)	139.25916 (13012521)	135.85119 (15013018)	153.82555 (15013018)	165.13701 (15013018)
4215040.6	131.36242 (13012521)	127.42168 (15013018)	144.58776 (15013018)	155.84832 (15013018)	159.64642 (15013018)
4215020.6	119.84469 (15013018)	136.07812 (15013018)	147.33216 (15013018)	151.72665 (15013018)	148.53253 (15013018)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538945.17	538965.17	538985.17	539005.17	539025.17
4216000.6	118.55175 (14121719)	124.23072 (15120918)	128.01787 (15120918)	133.13385 (15011617)	133.79389 (17011717)
4215980.6	123.41303 (16011218)	127.42355 (14121719)	133.07301 (15120918)	137.98741 (15011617)	141.99964 (15011617)
4215960.6	129.37717 (16011218)	131.11303 (16011218)	136.67956 (14121719)	142.77828 (15120918)	148.47941 (15011617)
4215940.6	133.21150 (16011218)	138.44897 (16011218)	139.69817 (16011218)	147.06852 (14121719)	153.38163 (15120918)
4215920.6	133.07371 (16011218)	143.02620 (16011218)	148.44271 (16011218)	150.47987 (14121719)	159.48113 (15120918)
4215900.6	129.05045 (16011218)	143.35529 (16011218)	154.09824 (16011218)	159.75003 (16011218)	163.78707 (14121719)
4215880.6	132.44894 (14110319)	139.35259 (16011218)	155.02714 (16011218)	166.71192 (16011218)	172.66080 (16011218)
4215860.6	137.84779 (15120921)	142.75543 (14110319)	151.23508 (16011218)	168.57429 (16011218)	181.18999 (16011218)
4215840.6	142.74962 (15120921)	149.14040 (15120921)	154.60510 (16011019)	165.03543 (16011218)	184.55090 (16011218)
4215820.6	148.15796 (13111908)	154.73411 (13111908)	162.05544 (15120921)	168.30248 (16011019)	

181.03776 (16011218)
 4215800.6 | 151.56048 (14122218)   160.27167 (13111908)   168.62891 (13111908)   176.91157 (15120921)
184.23010 (16011019)
 4215780.6 | 157.93892 (14122218)   165.57315 (14122218)   173.72583 (13111908)   184.60303 (13111908)
194.23408 (15120921)
 4215760.6 | 164.47118 (14112117)   171.10530 (14122218)   181.33809 (14122218)   188.73128 (13111908)
203.17062 (13111908)
 4215740.6 | 167.33381 (14112117)   179.19839 (14112117)   188.96189 (14112117)   199.17716 (14122218)
209.98672 (14122218)
 4215720.6 | 163.19480 (17010618)   178.64892 (14112117)   195.00057 (14112117)   208.75092 (14112117)
219.41163 (14122218)
 4215700.6 | 174.30035 (17010618)   182.95760 (17010618)   189.76001 (14112117)   210.88510 (14112117)
230.80017 (14112117)
 4215680.6 | 182.74196 (15120806)   193.46414 (15120806)   203.28034 (17010618)   214.90701 (17010618)
226.97582 (14112117)
 4215660.6 | 183.05114 (15120719)   197.93355 (15120806)   213.51871 (15120806)   228.51338 (15120806)
241.61758 (17010618)
 4215640.6 | 192.41099 (15120719)   205.37056 (15120719)   217.90026 (15120719)   231.57458 (15120806)
254.00526 (15120806)
 4215620.6 | 194.39620 (15110719)   208.33655 (14111519)   224.37564 (15120719)   243.44891 (15120719)
263.11457 (15120719)
 4215600.6 | 197.58731 (14010720)   211.85496 (15110719)   229.11006 (15110719)   247.70476 (15110719)
267.74855 (14111519)
 4215580.6 | 200.88808 (14111220)   216.18350 (14111220)   233.10083 (14111220)   251.63867 (14111220)
273.44601 (14010720)
 4215560.6 | 203.25885 (15120817)   218.33830 (15120817)   235.07317 (15120817)   253.74476 (15120817)
276.35402 (16013021)
 4215540.6 | 200.97617 (16012421)   216.89564 (16012421)   234.95951 (16012421)   255.70768 (16012421)
279.60301 (16012421)
 4215520.6 | 226.72394 (14012720)   244.76970 (14012720)   265.20157 (14012720)   288.75836 (14012720)
316.02014 (14012720)
 4215500.6 | 254.34725 (14012720)   274.43136 (14012720)   297.39406 (14012720)   323.69112 (14012720)
353.85988 (14012720)
 4215480.6 | 287.60861 (16012422)   273.42015 (14010718)   295.41218 (14010718)   319.98688 (14010718)
347.61626 (14010718)
 4215460.6 | 286.07079 (13112022)   304.44436 (13112022)   289.46865 (13112022)   310.59365 (13112022)
338.37769 (16011321)
 4215440.6 | 280.61845 (16011321)   301.04168 (16011321)   321.12521 (16011321)   305.99374 (16011321)
332.65721 (13111718)
 4215420.6 | 272.25155 (13111718)   296.09927 (13111718)   319.94906 (13111718)   342.75138 (13121818)
330.95723 (13110818)
 4215400.6 | 276.81430 (13121818)   294.69284 (13110818)   313.18739 (13110818)   327.75085 (13110818)
317.33738 (15112517)
 4215380.6 | 266.28398 (13110818)   281.50634 (15112517)   304.16182 (15112517)   327.26223 (16011921)
346.64527 (16011921)
 4215360.6 | 264.73858 (16011921)   281.96123 (16011921)   293.67251 (16011921)   298.26229 (16011921)
319.63877 (15111722)
 4215340.6 | 253.19798 (16011921)   254.52688 (16011921)   271.18197 (15111722)   303.69877 (15111722)
327.93090 (15111722)
 4215320.6 | 233.70265 (15111722)   261.04830 (15111722)   282.30339 (15111722)   294.89917 (15111722)
315.48183 (16123020)
 4215300.6 | 246.74376 (15111722)   258.64385 (15111722)   271.64544 (16123020)   289.50037 (13111119)
304.93849 (15110619)
 4215280.6 | 236.72159 (14122917)   252.21653 (16123020)   265.33074 (15110619)   276.05516 (15110619)
288.39657 (14122918)
 4215260.6 | 234.49197 (13111119)   245.54391 (15110619)   249.56860 (15110619)   266.26101 (14122918)
279.02158 (13121819)
 4215240.6 | 226.44594 (15110619)   228.41136 (14122918)   246.37568 (14122918)   257.13971 (13121819)
270.95370 (13012521)
 4215220.6 | 215.35999 (14122918)   228.35068 (14122918)   238.13873 (13121819)   249.23359 (13012521)
247.08094 (13012521)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***

INCLUDING SOURCE(S):   IDLTK   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	538945.17	538965.17	538985.17	539005.17	539025.17
4215200.6	211.82657 (14122918)	221.41714 (13121819)	230.40301 (13012521)	226.95928 (13012521)	230.47594 (15013018)
4215180.6	206.01767 (13121819)	213.65698 (13012521)	209.49001 (13012521)	211.41419 (15013018)	237.26053 (15013018)
4215160.6	198.82447 (13012521)	194.19020 (13012521)	194.76074 (15013018)	219.23700 (15013018)	229.88238 (15013018)
4215140.6	180.45954 (13012521)	180.04349 (15013018)	203.12830 (15013018)	214.46518 (15013018)	211.28227 (15013018)
4215120.6	166.95189 (15013018)	188.65508 (15013018)	200.38619 (15013018)	199.28602 (15013018)	209.24415 (14110917)
4215100.6	175.60520 (15013018)	187.38341 (15013018)	188.30803 (15013018)	191.91608 (14110917)	206.13180 (14110917)
4215080.6	175.63679 (15013018)	177.88835 (15013018)	175.91277 (14110917)	191.99327 (14110917)	195.08625 (14110917)
4215060.6	168.09387 (15013018)	161.82056 (15013018)	178.42956 (14110917)	184.73394 (14110917)	178.01493 (14110917)
4215040.6	154.83794 (15013018)	165.92442 (14110917)	174.36604 (14110917)	171.74159 (14110917)	174.07039 (13121808)
4215020.6	154.23496 (14110917)	164.37880 (14110917)	164.91344 (14110917)	158.91368 (13121808)	171.87092 (13121808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***

INCLUDING SOURCE(S):   IDLTK   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539045.17	539065.17	539085.17	539105.17	539125.17
4216000.6	137.38132 (16012921)	140.85365 (15011618)	141.56069 (15011606)	146.62619 (14121807)	150.11356 (16011018)
4215980.6	143.54762 (16012921)	147.05995 (15011618)	149.73927 (15011618)	153.38644 (14121807)	157.32259 (16011018)
4215960.6	151.02165 (15011617)	154.28931 (16012921)	158.30611 (15011618)	159.58113 (15011606)	165.49970 (14121807)
4215940.6	159.82395 (15011617)	161.07312 (17011717)	165.57646 (15011618)	169.77867 (15011618)	174.08917 (14121807)
4215920.6	166.34086 (15011617)	171.96301 (15011617)	174.79334 (16012921)	179.91238 (15011618)	182.00855 (15011606)
4215900.6	173.00458 (15120918)	180.86590 (15011617)	184.44050 (15011617)	189.28897 (16012921)	194.82299 (15011618)
4215880.6	178.85042 (14121719)	188.23852 (15120918)	197.14618 (15011617)	200.06544 (16012921)	

207.10995 (15011618)
 4215860.6 | 186.69789 (16011218)   195.48838 (14121719)   205.74428 (15011617)   214.92479 (15011617)
219.62017 (16012921)
 4215840.6 | 197.96675 (16011218)   202.92484 (16011218)   216.07799 (15120918)   227.77794 (15011617)
233.37810 (15011617)
 4215820.6 | 203.08171 (16011218)   217.34982 (16011218)   222.93324 (14121719)   239.14284 (15120918)
252.52234 (15011617)
 4215800.6 | 199.73985 (16011218)   224.49642 (16011218)   240.10235 (16011218)   249.49695 (14121719)
265.99071 (15120918)
 4215780.6 | 203.04723 (16011019)   221.76099 (16011218)   249.93376 (16011218)   267.01472 (16011218)
280.22343 (14121719)
 4215760.6 | 214.62853 (15120921)   225.35025 (16011019)   248.05274 (16011218)   280.86083 (16011218)
299.66648 (16011218)
 4215740.6 | 224.82386 (13111908)   238.73102 (15120921)   252.37081 (15120921)   279.90083 (16011218)
318.86902 (16011218)
 4215720.6 | 234.59043 (14122218)   250.26463 (13111908)   268.45439 (13111908)   286.20404 (15120921)
319.43341 (16011218)
 4215700.6 | 246.93533 (14112117)   263.32061 (14122218)   279.68889 (13111908)   305.55053 (13111908)
328.29098 (15120921)
 4215680.6 | 253.99387 (14112117)   278.10309 (14112117)   296.85735 (14122218)   321.52361 (14122218)
351.81397 (13111908)
 4215660.6 | 257.73202 (17010618)   277.59864 (14112117)   313.21184 (14112117)   343.64673 (14112117)
373.48003 (14122218)
 4215640.6 | 275.56949 (15120806)   295.21512 (15120806)   317.41773 (17010618)   350.65018 (14112117)
399.02211 (14112117)
 4215620.6 | 282.21295 (15120719)   308.24490 (15120806)   341.15354 (15120806)   372.81756 (15120806)
405.96693 (17010618)
 4215600.6 | 292.20698 (14111519)   322.71012 (15120719)   355.08737 (15120719)   387.57521 (15120719)
438.80741 (15120806)
 4215580.6 | 298.66747 (14010720)   329.69498 (15110719)   364.83903 (15110719)   405.97552 (14111519)
459.99453 (15120719)
 4215560.6 | 303.76212 (14111220)   336.44409 (14111220)   374.14682 (14111220)   417.76820 (14111220)
471.85096 (14010720)
 4215540.6 | 307.48672 (15120817)   340.53221 (15120817)   379.64772 (15120817)   426.74273 (15120817)
484.21869 (15120817)
 4215520.6 | 347.38628 (14012720)   384.33585 (14012720)   428.39199 (14012720)   481.97180 (14012720)
548.32685 (14012720)
 4215500.6 | 388.48793 (14012720)   429.14587 (14012720)   477.15554 (14012720)   534.84108 (14012720)
605.68186 (14012720)
 4215480.6 | 382.09917 (13112022)   421.86911 (13112022)   467.05178 (13112022)   519.16028 (13112022)
579.37691 (13112022)
 4215460.6 | 372.95195 (16011321)   410.95453 (16011321)   451.61368 (16011321)   503.21449 (13111718)
574.64392 (13111718)
 4215440.6 | 367.61306 (13111718)   404.26479 (13111718)   445.37559 (13110818)   492.55653 (13110818)
544.16582 (15112517)
 4215420.6 | 358.49571 (13110818)   383.24106 (13110818)   426.31309 (15112517)   473.28045 (16011921)
512.82185 (16011921)
 4215400.6 | 346.65013 (16011921)   376.02793 (16011921)   398.32749 (16011921)   437.70712 (15111722)
497.05566 (15111722)
 4215380.6 | 357.18112 (16011921)   386.98065 (15111722)   439.06158 (15111722)   472.22466 (15111722)
469.71128 (13111119)
 4215360.6 | 360.43868 (15111722)   389.60010 (15111722)   420.01899 (16123020)   455.87944 (15110619)
481.39206 (14122918)
 4215340.6 | 346.05137 (16123020)   375.72803 (13111119)   400.44117 (15110619)   427.17523 (14122918)
460.48583 (13121819)
 4215320.6 | 336.97673 (15110619)   351.08666 (15110619)   379.63490 (14122918)   406.40426 (13012521)
423.50635 (13012521)
 4215300.6 | 313.44814 (14122918)   339.78591 (14122918)   362.84349 (13012521)   373.02353 (13012521)
393.68985 (15013018)
 4215280.6 | 305.67537 (14122918)   326.42894 (13012521)   332.03645 (13012521)   347.51906 (15013018)
384.26974 (15013018)
 4215260.6 | 296.18789 (13012521)   298.43714 (13012521)   309.73234 (15013018)   343.57491 (15013018)
346.86687 (14110917)
 4215240.6 | 270.53430 (13012521)   278.59298 (15013018)   310.06318 (15013018)   314.10570 (15013018)
342.38260 (14110917)
 4215220.6 | 252.66462 (15013018)   281.84581 (15013018)   288.78575 (15013018)   307.19538 (14110917)
317.30956 (14110917)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                              INCLUDING SOURCE(S):   IDLTK   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
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- - - - - - - -

 4215200.6 | 257.95963 (15013018)   266.86253 (15013018)   276.23681 (14110917)   292.54356 (14110917)
288.76462 (13121808)
 4215180.6 | 247.33477 (15013018)   248.90510 (14110917)   269.38099 (14110917)   264.68189 (14110917)
280.69588 (13121808)
 4215160.6 | 224.55447 (14110917)   247.71965 (14110917)   249.98268 (14110917)   254.89367 (13121808)
264.92769 (15112508)
 4215140.6 | 227.67474 (14110917)   235.05123 (14110917)   229.59422 (13121808)   245.31095 (13121808)
254.99498 (13111121)
 4215120.6 | 220.34929 (14110917)   213.79554 (14110917)   226.94408 (13121808)   233.90402 (15112508)
241.27958 (13111121)
 4215100.6 | 204.74629 (14110917)   207.93129 (13121808)   216.74386 (13121808)   226.06979 (13111121)
230.07052 (14110418)
 4215080.6 | 189.14505 (13121808)   203.54249 (13121808)   208.74641 (15112508)   214.34684 (13111121)
222.03893 (14110418)
 4215060.6 | 188.98746 (13121808)   193.27461 (15112508)   202.43228 (13111121)   205.23997 (14110418)
209.65392 (14110418)
 4215040.6 | 183.05018 (13121808)   187.67174 (13111121)   191.85918 (13111121)   199.04614 (14110418)
198.35743 (15121718)
 4215020.6 | 174.97438 (15112508)   182.18289 (13111121)   184.15315 (14110418)   189.20534 (14110418)
186.88452 (15111721)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                              INCLUDING SOURCE(S):   IDLTK   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4216000.6 | 151.36531 (16010522)   153.53417 (13011219)   158.30964 (16120820)   162.49488 (16011217)
163.08066 (14122021)
 4215980.6 | 159.44811 (16011018)   162.69266 (16010522)   165.85602 (16120820)   170.98196 (16011217)
172.09071 (14122021)
 4215960.6 | 169.60322 (16011018)   171.92395 (16010522)   174.38793 (13011219)   179.53851 (16120820)
183.69460 (16011217)
 4215940.6 | 179.09338 (16011018)   180.74809 (16010522)   184.29132 (13011219)   190.56057 (16120820)

195.75480 (16011217)
 4215920.6 | 188.91754 (14121807)   193.69850 (16011018)   196.91006 (16010522)   201.67727 (16120820)
208.40366 (16011217)
 4215900.6 | 200.09686 (14121807)   206.42930 (16011018)   209.43097 (16010522)   213.16127 (13011219)
221.44986 (16011217)
 4215880.6 | 210.35468 (15011606)   218.57936 (14121807)   223.30465 (16011018)   227.49301 (16010522)
235.85261 (16120820)
 4215860.6 | 226.61063 (15011618)   233.29004 (14121807)   241.03988 (16011018)   245.44220 (16010522)
252.85719 (16120820)
 4215840.6 | 241.76346 (15011618)   246.93122 (15011606)   257.45183 (16011018)   263.02861 (16010522)
269.66656 (13011219)
 4215820.6 | 258.59209 (16012921)   268.06573 (15011618)   277.10738 (14121807)   286.51023 (16011018)
291.92652 (16010522)
 4215800.6 | 280.22073 (15011617)   287.58239 (16012921)   296.00882 (15011606)   310.72511 (16011018)
319.03210 (16010522)
 4215780.6 | 300.61636 (15011617)   310.16316 (16012921)   325.02483 (15011618)   337.61904 (14121807)
348.30602 (16011018)
 4215760.6 | 319.15014 (15120918)   341.47914 (15011617)   352.98496 (16012921)   365.39138 (15011606)
385.98413 (16011018)
 4215740.6 | 338.09178 (16011218)   365.41952 (15120918)   388.71683 (15011617)   406.05205 (15011618)
424.72201 (14121807)
 4215720.6 | 366.36378 (16011218)   386.82001 (14121719)   424.49409 (15011617)   446.84413 (16012921)
467.21388 (15011606)
 4215700.6 | 369.70340 (16011218)   426.10600 (16011218)   456.60114 (14121719)   502.21612 (15011617)
527.94627 (15011618)
 4215680.6 | 381.85798 (15120921)   434.99812 (16011218)   504.33340 (16011218)   549.38658 (15120918)
597.42668 (15011617)
 4215660.6 | 410.21634 (13111908)   452.07388 (15120921)   522.19822 (16011218)   611.68740 (14121816)
674.28594 (15120918)
 4215640.6 | 437.92881 (14112117)   484.82571 (13111908)   546.89113 (15120921)   643.46013 (16011218)
825.37950 (14121816)
 4215620.6 | 462.41408 (14112117)   531.54545 (14112117)   596.63419 (14122218)   681.37891 (13111908)
822.40836 (16011218)
 4215600.6 | 493.15194 (15120806)   548.11456 (17010618)   648.76832 (14112117)   752.73684 (14112117)
886.73166 (13111908)
 4215580.6 | 522.59348 (15120719)   593.59754 (15120806)   697.56406 (15120806)   803.35544 (17010618)
1002.47209 (14112117)
 4215560.6 | 541.00872 (15110719)   627.97701 (15110719)   742.30958 (15120719)   893.71369 (15120719)
1098.66792 (15120806)
 4215540.6 | 554.53002 (15120817)   643.44113 (16013021)   771.51833 (14111220)   940.19344 (14111220)
1175.41495 (14010720)
 4215520.6 | 632.22473 (14012720)   740.03182 (14012720)   882.40861 (14012720)   1076.33502 (14012720)
1354.57399 (14012720)
 4215500.6 | 693.03991 (14012720)   805.50795 (16012422)   953.81730 (14010718)   1161.80999 (13112022)
1445.55368 (13112022)
 4215480.6 | 670.69257 (16011321)   777.47373 (16011321)   915.87796 (13111718)   1109.60211 (13121818)
1357.17400 (13110818)
 4215460.6 | 653.79832 (13121818)   749.22409 (13110818)   868.47854 (15112517)   1024.14050 (16011921)
1231.53851 (15111722)
 4215440.6 | 621.79117 (16011921)   696.32667 (16011921)   801.75319 (15111722)   936.67072 (16123020)
1101.37307 (15110619)
 4215420.6 | 574.23369 (15111722)   660.45428 (15111722)   751.49283 (13111119)   845.88466 (14122918)
977.07823 (13012521)
 4215400.6 | 548.46611 (16123020)   614.73598 (15110619)   682.45333 (14122918)   765.52189 (13012521)
863.35536 (15013018)
 4215380.6 | 509.85839 (15110619)   562.50116 (14122918)   620.60655 (13012521)   688.67415 (15013018)
770.49885 (14110917)
 4215360.6 | 476.63116 (13121819)   516.38161 (13012521)   565.26205 (15013018)   617.30232 (14110917)
671.14220 (14110917)
 4215340.6 | 438.90241 (13012521)   474.55044 (15013018)   513.50120 (15013018)   568.81775 (14110917)
591.41492 (13121808)
 4215320.6 | 450.79894 (15013018)   441.93373 (15013018)   483.90952 (14110917)   496.03198 (13121808)
539.20446 (13111121)
 4215300.6 | 432.42233 (15013018)   459.87581 (14110917)   430.51535 (14110917)   454.94825 (15112508)
489.85369 (14110418)
 4215280.6 | 398.53803 (14110917)   426.04307 (14110917)   393.36460 (13121808)   420.35976 (13111121)
441.86126 (14110418)
 4215260.6 | 382.36443 (14110917)   383.46332 (13121808)   408.17463 (15112508)   387.82327 (14110418)
397.63780 (14012722)

 4215240.6 | 342.67201 (14110917)   363.89457 (13121808)   382.46243 (13111121)   356.66164 (14110418)
366.11571 (14012722)
 4215220.6 | 325.57426 (13121808)   342.48561 (13111121)   357.52922 (14110418)   323.90015 (15121718)
338.05701 (16112721)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                                INCLUDING SOURCE(S):   IDLTK   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
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 4215200.6 | 305.88830 (13121808)   321.66508 (13111121)   334.56403 (14110418)   301.88547 (14012722)
311.03044 (16112721)
 4215180.6 | 292.85369 (13111121)   303.17521 (14110418)   308.59314 (15121718)   314.68407 (14012722)
288.67284 (15110620)
 4215160.6 | 275.81046 (13111121)   287.08197 (14110418)   287.42511 (14012722)   296.90975 (16112721)
270.72243 (14112820)
 4215140.6 | 261.65479 (14110418)   267.05455 (15121718)   272.26934 (14012722)   277.14305 (16112721)
284.95388 (14110821)
 4215120.6 | 250.34062 (14110418)   247.52835 (15111721)   255.39420 (16112721)   261.26685 (15110620)
267.82530 (14110821)
 4215100.6 | 234.87274 (15121718)   237.62659 (14012722)   243.04676 (16112721)   247.82797 (14112820)
250.51370 (14110821)
 4215080.6 | 220.23152 (15121718)   225.17774 (14012722)   228.83529 (16112721)   234.99632 (14112820)
237.27554 (16110617)
 4215060.6 | 209.68199 (14012722)   213.52207 (16112721)   216.93382 (15110620)   222.98103 (14110821)
227.17775 (16110617)
 4215040.6 | 201.77572 (14012722)   204.77261 (16112721)   207.20646 (14112820)   211.70526 (14110821)
216.98419 (16110617)
 4215020.6 | 191.67003 (14012722)   194.36639 (16112721)   199.20642 (14112820)   200.28183 (14110821)
206.87888 (16110617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                                INCLUDING SOURCE(S):   IDLTK   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4216000.6 | 162.55990 (15011719)   164.23811 (13110518)   166.79352 (13110518)   161.13566 (16011017)

159.95267 (15011807)
 4215980.6 | 172.79828 (15011719)   173.39467 (13010722)   177.08605 (13110518)   170.64296 (16011017)
169.62655 (15011807)
 4215960.6 | 183.73051 (15011719)   184.10704 (13010722)   188.34779 (13110518)   181.12596 (16011017)
180.35331 (16011017)
 4215940.6 | 195.98341 (14122021)   195.78341 (13010722)   200.75397 (13110518)   193.18783 (13110518)
192.28989 (16011017)
 4215920.6 | 209.58790 (14122021)   208.33776 (13010722)   214.50535 (13110518)   207.79525 (13110518)
205.76814 (16011017)
 4215900.6 | 224.19478 (14122021)   223.33593 (15011719)   229.77009 (13110518)   224.24611 (13110518)
220.94553 (16011017)
 4215880.6 | 241.74339 (16011217)   241.71571 (15011719)   246.61341 (13110518)   242.69540 (13110518)
237.99132 (16011017)
 4215860.6 | 261.61847 (16011217)   261.94696 (15011719)   265.22608 (13110518)   263.47626 (13110518)
257.24997 (16011017)
 4215840.6 | 282.73517 (16011217)   284.55239 (14122021)   285.66510 (13110518)   287.46454 (13110518)
279.33501 (16011017)
 4215820.6 | 304.55777 (16011217)   310.52248 (14122021)   310.67236 (13010722)   314.92793 (13110518)
305.12127 (16011017)
 4215800.6 | 331.29726 (16120820)   340.18500 (16011217)   339.68035 (13010722)   347.03866 (13110518)
334.99030 (16011017)
 4215780.6 | 359.74986 (16120820)   377.18733 (16011217)   375.39071 (15011719)   384.95127 (13110518)
370.90172 (16011017)
 4215760.6 | 396.03615 (16010522)   417.52641 (16011217)   420.62613 (15011719)   429.88950 (13110518)
414.31049 (16011017)
 4215740.6 | 440.77173 (16010522)   461.94493 (16120820)   473.95903 (14122021)   483.69634 (13110518)
466.71266 (16011017)
 4215720.6 | 496.44566 (16011018)   515.93479 (16120820)   538.50359 (14122021)   548.79770 (13110518)
531.56728 (16011017)
 4215700.6 | 558.20203 (14121807)   583.35375 (16010522)   620.38529 (16011217)   628.54229 (13110518)
613.46140 (16011017)
 4215680.6 | 630.05922 (15011618)   670.69232 (16011018)   717.54847 (16011217)   727.53925 (13010722)
719.41766 (16011017)
 4215660.6 | 730.11869 (16012921)   785.51483 (16011018)   836.30862 (16120820)   864.72225 (15011719)
858.96798 (16011017)
 4215640.6 | 859.20940 (15011617)   923.64072 (15011618)   997.08427 (16010522)   1061.20942 (14122021)
1050.67686 (16011017)
 4215620.6 | 1155.45012 (14121816)   1114.73528 (16012921)   1404.90533 (15120816)   1337.92986 (16011217)
1327.41860 (16011017)
 4215600.6 | 1104.09739 (16011218)   1709.65030 (14121816)   1675.24332 (15120816)   1732.27188 (16011217)
1761.87750 (13110518)
 4215580.6 | 1210.99395 (13111908)   1750.14573 (14121816)   2528.97245 (14121816)   3022.40301 (15120816)
2493.64256 (13110518)
 4215560.6 | 1357.12278 (17010618)   1823.75758 (14122218)   3085.57125 (14121816)   4006.96541 (15120816)
3806.08767 (13110518)
 4215540.6 | 1537.75602 (14111519)   2119.08508 (15120719)   3059.47077 (14112117)   5518.44739 (14121816)
5920.32543 (13010722)
 4215520.6 | 1772.69452 (14012720)   2442.29998 (14012720)   3575.35442 (14012720)   5612.81847 (16012421)
4802.21142 (14061421)
 4215500.6 | 1864.18802 (16011321)   2530.25876 (13111718)   3546.46509 (16011921)   4872.98509 (15110619)
5888.63082 (16042106)
 4215480.6 | 1714.46258 (16011921)   2219.08726 (15111722)   2907.24918 (14122918)   3747.62552 (14110917)
4569.59342 (15110419)
 4215460.6 | 1514.42547 (13111119)   1863.80113 (13012521)   2297.04648 (14110917)   2755.93976 (14110418)
3054.40673 (17010220)
 4215440.6 | 1306.93399 (13012521)   1541.29268 (15013018)   1781.76017 (13111121)   2036.12804 (14112820)
2159.16603 (15112306)
 4215420.6 | 1124.52500 (15013018)   1275.04342 (14110917)   1446.49238 (14110418)   1578.14355 (16110617)
1625.48924 (15112306)
 4215400.6 | 981.87874 (14110917)   1067.48481 (13111121)   1163.94017 (14012722)   1273.99320 (16110617)
1276.78954 (15112306)
 4215380.6 | 822.25140 (13121808)   915.88137 (14110418)   967.68235 (16112721)   1030.60128 (16110617)
1036.87893 (15112306)
 4215360.6 | 728.38583 (13111121)   771.75764 (14012722)   827.68655 (14112820)   843.77148 (16121208)
863.99993 (17012706)
 4215340.6 | 646.76547 (14110418)   675.14259 (16112721)   714.31494 (16110617)   719.40398 (15110419)
735.67159 (17012706)
 4215320.6 | 567.20346 (15121718)   593.99548 (16112721)   633.37693 (16110617)   629.93445 (15110419)
636.70931 (17012706)

 4215300.6 | 507.64171 (14012722)   532.34338 (14112820)   559.85961 (16110617)   555.51719 (15110419)
558.50388 (17012706)
 4215280.6 | 458.57089 (16112721)   478.21086 (14110821)   494.73020 (16110617)   493.66949 (15110419)
495.35590 (17012706)
 4215260.6 | 414.94140 (16112721)   430.55595 (16110617)   437.88169 (16110617)   441.72364 (15110419)
443.29566 (17012706)
 4215240.6 | 380.19234 (14112820)   397.31761 (16110617)   390.99760 (16121208)   397.81613 (17010220)
400.14328 (17012706)
 4215220.6 | 349.83243 (14112820)   365.10517 (16110617)   353.35913 (16121208)   361.62577 (17010220)
363.72677 (17012706)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                               INCLUDING SOURCE(S):   IDLTK   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
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- - - - - - - -

 4215200.6 | 322.64194 (14110821)   334.68376 (16110617)   323.15429 (15110419)   330.37734 (17010220)
332.61947 (17012706)
 4215180.6 | 296.56733 (16110617)   306.45151 (16110617)   300.11765 (15110419)   303.24627 (17010220)
305.81281 (17012706)
 4215160.6 | 279.43167 (16110617)   280.67893 (16110617)   279.31978 (15110419)   279.45393 (17010220)
282.38532 (17012706)
 4215140.6 | 262.29819 (16110617)   257.03914 (16110617)   260.44414 (15110419)   258.58903 (17010220)
262.22538 (17012706)
 4215120.6 | 275.12673 (16110617)   238.87154 (16121208)   243.44006 (15110419)   240.53067 (15112306)
244.42181 (17012706)
 4215100.6 | 258.15612 (16110617)   250.26188 (16121208)   227.99136 (15110419)   225.70319 (15112306)
228.51129 (17012706)
 4215080.6 | 241.63676 (16110617)   233.54344 (16121208)   241.73162 (15110419)   212.31951 (15112306)
214.38431 (17012706)
 4215060.6 | 225.82814 (16110617)   219.44730 (15110419)   227.73461 (15110419)   200.12549 (15112306)
201.69646 (17012706)
 4215040.6 | 213.64765 (16121208)   210.34289 (15110419)   215.25284 (15110419)   213.43987 (15112306)
190.12194 (17012706)
 4215020.6 | 203.10166 (16121208)   201.54956 (15110419)   204.37330 (17010220)   203.00857 (15112306)
203.20999 (17012706)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                               INCLUDING SOURCE(S):   IDLTK   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)

(METERS)	539345.17	539365.17	539385.17	539405.17	539425.17
4216000.6	162.24327 (16110718)	160.44225 (14120121)	159.34469 (14120907)	157.59318 (16012018)	156.56015 (16110719)
4215980.6	171.92633 (16110718)	169.88247 (14120121)	168.71849 (16011706)	167.07641 (13121517)	166.04205 (16110719)
4215960.6	182.74463 (16110718)	180.21923 (14120121)	178.95942 (16011706)	177.44713 (13121517)	175.93673 (16110719)
4215940.6	194.66896 (16110718)	191.94528 (14113020)	190.13204 (16011706)	188.68766 (13121517)	186.44962 (16110719)
4215920.6	207.99247 (16110718)	204.89328 (14113020)	202.23632 (16011706)	200.63781 (13121517)	197.15269 (16110719)
4215900.6	222.93038 (16110718)	219.60404 (14120907)	216.43765 (16012018)	215.34958 (16110719)	209.40135 (16122018)
4215880.6	239.75716 (16110718)	236.49045 (14120907)	233.15647 (16012018)	231.71146 (16110719)	224.30150 (15112818)
4215860.6	258.84983 (16110718)	255.66637 (14120907)	251.95451 (13121517)	249.41170 (16110719)	241.80526 (14012807)
4215840.6	280.68166 (16110718)	277.11538 (14120907)	273.76219 (13121517)	268.21152 (16110719)	262.77356 (15111318)
4215820.6	305.85904 (16110718)	301.95364 (16011706)	297.84570 (13121517)	288.90041 (16122018)	284.38705 (15111318)
4215800.6	335.01976 (16110718)	330.99060 (16011706)	327.03880 (16110719)	315.50907 (15112818)	308.51448 (14120421)
4215780.6	369.81124 (14120121)	364.62598 (16011706)	361.26505 (16110719)	349.25281 (15111318)	339.47342 (14120822)
4215760.6	412.92584 (14120121)	406.00456 (16012018)	399.45774 (16110719)	386.90205 (15111318)	374.24779 (15112117)
4215740.6	464.48924 (14120121)	456.61586 (13121517)	441.53611 (16122018)	429.08172 (14120822)	411.49737 (15112117)
4215720.6	527.62302 (14120121)	518.79595 (13121517)	499.53256 (15111318)	483.51063 (14120822)	457.33404 (16120822)
4215700.6	607.31781 (14113020)	595.75363 (16110719)	573.67236 (15111318)	547.30509 (15112117)	511.24113 (14122020)
4215680.6	710.70752 (14120907)	693.22810 (16110719)	659.24283 (14120822)	619.29974 (16120822)	579.08286 (13111118)
4215660.6	846.36307 (14120907)	808.75163 (16110719)	772.18038 (15112117)	713.35572 (14122020)	657.59722 (14120120)
4215640.6	1029.94643 (16011706)	982.27586 (15111318)	907.83081 (16120822)	830.25229 (13111118)	747.94882 (13111717)
4215620.6	1293.20556 (13121517)	1216.08601 (14120822)	1096.46757 (14122020)	972.59610 (14112520)	860.46466 (16110917)
4215600.6	1697.60955 (16110719)	1541.08971 (15112117)	1348.39953 (14120120)	1156.13505 (15120622)	999.67523 (14110817)
4215580.6	2306.82244 (16110719)	2018.52389 (14122020)	1672.26010 (16012618)	1375.12746 (14110817)	1123.69297 (13011217)
4215560.6	3466.71321 (13112109)	2695.40876 (14120420)	2072.31209 (15120117)	1594.66173 (14110222)	1283.61723 (13110917)
4215540.6	4753.08317 (16012020)	3514.58421 (15111020)	2504.84110 (13110917)	1794.39870 (13120417)	1367.55133 (15012007)
4215520.6	5595.77547 (13102106)	4236.01018 (16120520)	2753.18594 (16120520)	1904.91414 (15013106)	1413.83335 (15013106)
4215500.6	6669.27553 (16032418)	4198.72113 (14021217)	2687.16759 (14021217)	1908.39292 (16012518)	1423.19115 (16012518)
4215480.6	4575.83721 (16110518)	3345.94993 (16032418)	1876.56097 (16033106)	1644.60428 (17011208)	1291.21574 (17011208)
4215460.6	3016.54543 (14110218)	2635.89770 (14013006)	1848.27992 (16111321)	1227.59812 (16112806)	992.49063 (17011208)
4215440.6	2162.13628 (15012918)	1981.28858 (16110518)	1651.53523 (16122222)	1235.28427 (16111321)	870.75169 (17010206)
4215420.6	1647.38544 (14110908)	1515.85759 (14110218)	1394.76828 (14110717)	1107.19815 (16122222)	900.92844 (16111321)
4215400.6	1293.00145 (14110908)	1232.18895 (14110218)	1144.03829 (14110717)	1028.54131 (14013006)	807.75176 (13112817)
4215380.6	1037.35708 (14110908)	1005.77231 (15012918)	951.86447 (15011018)	903.44369 (14110717)	789.91610 (16122222)

 4215360.6 | 853.30218 (16121207)   855.32886 (15012918)   810.07964 (14110218)   771.26202 (14110717)
710.75726 (14013006)
 4215340.6 | 732.25908 (16121207)   726.62491 (15012918)   707.54781 (14110218)   672.52868 (16110518)
646.31777 (14110717)
 4215320.6 | 636.10244 (16121207)   638.05266 (14110908)   610.74299 (15012109)   582.27256 (13123121)
566.15069 (14110717)
 4215300.6 | 558.65613 (16121207)   565.75668 (14110908)   541.82026 (15012918)   524.83733 (14110218)
506.85555 (16110518)
 4215280.6 | 497.11572 (13112018)   503.26123 (14110908)   488.37856 (15012918)   474.49260 (14110218)
451.81017 (15011018)
 4215260.6 | 446.11776 (13112018)   449.40295 (14110908)   438.57585 (15012918)   423.93172 (14110218)
406.13652 (13123121)
 4215240.6 | 403.23866 (13112018)   403.06385 (14110908)   393.25645 (15012918)   385.66002 (15012109)
376.75818 (14110218)
 4215220.6 | 366.81495 (13112018)   362.69446 (14110908)   361.22960 (14110908)   352.90343 (15012918)
347.97361 (14110218)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                                INCLUDING SOURCE(S):   IDLTK   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
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 4215200.6 | 335.52176 (13112018)   327.86517 (14110908)   334.69683 (14110908)   327.26714 (15012918)
318.60389 (14110218)
 4215180.6 | 308.28990 (13112018)   297.50953 (14110908)   310.01712 (14110908)   302.41957 (15012918)
292.49786 (15012109)
 4215160.6 | 284.69653 (13112018)   276.81042 (16121207)   287.28625 (14110908)   278.95599 (15012918)
273.15986 (15012109)
 4215140.6 | 264.09627 (13112018)   258.45302 (16121207)   266.55634 (14110908)   256.97444 (15012918)
254.58586 (15012918)
 4215120.6 | 245.87502 (13112018)   242.03681 (16121207)   247.59243 (14110908)   240.79053 (14110908)
240.05873 (15012918)
 4215100.6 | 229.65934 (13112018)   227.12356 (16121207)   230.29455 (14110908)   228.15239 (14110908)
225.56835 (15012918)
 4215080.6 | 215.25241 (13112018)   213.55092 (16121207)   214.36901 (14110908)   215.81381 (14110908)
211.66510 (15012918)
 4215060.6 | 202.23931 (13112018)   201.28557 (16121207)   199.91102 (14110908)   204.08785 (14110908)
198.28761 (15012918)
 4215040.6 | 190.66077 (13111822)   190.05219 (16121207)   186.83206 (14110908)   192.94706 (14110908)
185.53201 (15012918)
 4215020.6 | 180.23457 (13111822)   179.77853 (16121207)   174.79804 (14110908)   182.62185 (14110908)
175.83459 (14110908)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                                INCLUDING SOURCE(S):   IDLTK   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539445.17	539465.17	539485.17	539505.17	539525.17
4216000.6	152.99571 (16110719)	150.71963 (14012807)	149.14363 (14120421)	146.83201 (14120822)	144.24574 (15112117)
4215980.6	161.22647 (16122018)	160.06464 (15111318)	156.84186 (14120421)	154.04272 (14120822)	150.78625 (15112117)
4215960.6	170.57909 (15112818)	169.60461 (15111318)	166.33469 (14120822)	163.30465 (15112117)	157.91405 (16120818)
4215940.6	181.38831 (14012807)	179.54894 (14120421)	176.27456 (14120822)	172.30377 (15112117)	166.91707 (16120822)
4215920.6	194.05818 (15111318)	190.37301 (14120421)	186.71204 (15112117)	180.66552 (16120818)	175.67360 (13122418)
4215900.6	207.94868 (15111318)	203.63742 (14120822)	199.13248 (15112117)	192.09820 (16120822)	185.85104 (15120518)
4215880.6	221.71848 (14120421)	217.01276 (14120822)	210.26970 (15112117)	203.40543 (16120822)	198.10271 (14122020)
4215860.6	237.30106 (14120421)	232.85395 (15112117)	224.06882 (16120822)	216.31745 (15120518)	210.17573 (14122020)
4215840.6	256.50856 (14120822)	248.92583 (15112117)	239.28775 (16120822)	232.38987 (14122020)	224.13870 (13111118)
4215820.6	276.22249 (15112117)	265.85365 (16120818)	256.02850 (15120518)	247.61095 (13111118)	237.14483 (14120120)
4215800.6	300.80476 (15112117)	286.81311 (16120822)	277.41436 (14122020)	265.14045 (13111118)	254.08103 (14120120)
4215780.6	324.39196 (16120818)	310.42985 (15120518)	299.44756 (13111118)	285.99351 (14120120)	271.42556 (14112520)
4215760.6	355.38848 (16120822)	340.42682 (14122020)	321.71746 (14120120)	305.05155 (14112520)	289.59560 (13111717)
4215740.6	389.02318 (15120518)	371.56714 (13111118)	350.39375 (14120120)	330.52310 (13111717)	311.65864 (15010117)
4215720.6	432.42045 (14122020)	407.38226 (14120120)	380.85975 (14112520)	357.36532 (15010117)	338.15121 (16110917)
4215700.6	477.83655 (13111118)	446.17951 (14112520)	416.04800 (14120420)	389.85950 (16110917)	362.52085 (14110817)
4215680.6	532.82725 (14120120)	493.09460 (14120420)	457.40246 (16110917)	422.44958 (14110817)	382.60893 (14110817)
4215660.6	597.75807 (14120420)	548.41931 (16110917)	502.41572 (14110817)	447.42571 (15120117)	409.68978 (15112917)
4215640.6	675.45059 (16110917)	611.35988 (14110817)	538.70981 (15120117)	483.96202 (13122217)	435.13865 (15111020)
4215620.6	766.75767 (14110817)	664.36711 (15112917)	584.24587 (13011217)	516.39552 (14110222)	462.22667 (14120318)
4215600.6	844.43894 (13122217)	726.63678 (15111020)	630.63642 (14120318)	560.68235 (13110917)	497.09912 (13110917)
4215580.6	932.05266 (14120318)	804.88881 (13110917)	683.70038 (13122417)	591.46583 (13122417)	504.39031 (13122417)
4215560.6	1036.05122 (13122417)	835.69370 (13120417)	711.59865 (15012007)	607.96991 (15012007)	520.00547 (15012007)
4215540.6	1053.36889 (15012007)	853.26735 (16120520)	728.09158 (16120520)	627.77746 (16120520)	545.50195 (16120520)
4215520.6	1101.22272 (15013106)	889.01589 (15013106)	740.27200 (13120618)	629.54959 (13120618)	543.74454 (13120618)
4215500.6	1094.66695 (16012518)	866.65402 (16012518)	718.65159 (13111808)	618.64594 (13111808)	539.89110 (13111808)
4215480.6	1035.78903 (16012517)	851.38573 (15111417)	729.04979 (15111417)	629.41934 (16012518)	546.74936 (16012518)
4215460.6	921.77900 (17011208)	798.80001 (17011208)	670.42723 (17011208)	583.15313 (16012517)	514.61067 (16012517)
4215440.6	742.06694 (16112806)	637.58021 (17011208)	608.23214 (17011208)	553.49679 (17011208)	490.09553 (17011208)

 4215420.6 | 655.06319 (16111321)   585.02618 (16112806)   495.66987 (16112806)   453.54689 (15110121)
440.00106 (17011208)
 4215400.6 | 695.25662 (16111321)   530.07699 (16111321)   470.45119 (17010206)   420.85275 (16112806)
365.60588 (15110121)
 4215380.6 | 639.87570 (13112817)   558.14795 (16111321)   440.33556 (16111321)   390.88558 (17010206)
358.09878 (16112806)
 4215360.6 | 617.83051 (16122222)   522.43469 (13112817)   461.48328 (16111321)   373.74305 (16111321)
329.69448 (17010206)
 4215340.6 | 583.67113 (16122222)   492.24563 (16122222)   436.44918 (13112817)   390.26607 (16111321)
322.32895 (16111321)
 4215320.6 | 527.56553 (14110717)   486.94775 (16122222)   399.72761 (13112817)   372.93385 (16111321)
335.74179 (16111321)
 4215300.6 | 492.03032 (14110717)   452.77623 (14013006)   408.59943 (16122222)   347.79400 (13112817)
324.30856 (16111321)
 4215280.6 | 438.89660 (14110717)   418.24473 (14110717)   390.49875 (16122222)   344.89506 (16122222)
305.42733 (13112817)
 4215260.6 | 399.64519 (16110518)   391.37144 (14110717)   362.83496 (14013006)   340.10296 (16122222)
292.66158 (16122222)
 4215240.6 | 363.98351 (16110518)   354.12057 (14110717)   342.67718 (14110717)   322.15419 (14013006)
296.35855 (16122222)
 4215220.6 | 330.74735 (13123121)   326.30753 (16110518)   322.04779 (14110717)   299.66363 (16011507)
286.31870 (16122222)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                               INCLUDING SOURCE(S):   IDLTK   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4215200.6 | 304.92476 (13123121)   302.68877 (16110518)   294.40879 (14110717)   287.89421 (14110717)
270.91344 (14013006)
 4215180.6 | 288.68901 (14110218)   278.96813 (15011018)   273.30985 (16110518)   271.22155 (14110717)
253.69395 (14110717)
 4215160.6 | 270.50824 (14110218)   258.53222 (13123121)   256.75416 (16110518)   249.99487 (14110717)
246.23498 (14110717)
 4215140.6 | 251.56653 (14110218)   241.80927 (14110218)   239.03514 (15011018)   233.19836 (16110518)
232.77740 (14110717)
 4215120.6 | 232.24836 (14110218)   230.99255 (14110218)   221.91670 (13123121)   221.33775 (16110518)
215.97890 (14110717)
 4215100.6 | 219.61262 (15012109)   218.43782 (14110218)   209.25071 (13123121)   207.62384 (16110518)
202.14430 (16110518)
 4215080.6 | 207.13096 (15012109)   205.46453 (14110218)   198.34876 (14110218)   195.17133 (15011018)
193.53321 (16110518)
 4215060.6 | 195.43046 (15012918)   192.10666 (14110218)   190.58463 (14110218)   183.86453 (13123121)
183.27154 (16110518)
 4215040.6 | 186.32260 (15012918)   181.40731 (15012109)   181.53151 (14110218)   174.07489 (13123121)
173.17584 (15011018)
 4215020.6 | 177.10407 (15012918)   172.98505 (15012109)   172.14817 (14110218)   166.83054 (14110218)
162.87476 (13123121)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.6	139.85767 (16120818)	136.56769 (13122418)	133.62051 (14122020)	131.06453 (14122020)	127.88428 (13111118)
4215980.6	147.06326 (16120822)	143.11640 (15120518)	140.70224 (14122020)	137.18730 (13111118)	131.82981 (14120120)
4215960.6	153.90658 (13122418)	150.43882 (14122020)	146.44957 (13111118)	142.59834 (13111118)	139.05871 (14120120)
4215940.6	161.86433 (15120518)	158.73838 (14122020)	154.29690 (13111118)	149.07682 (14120120)	144.29207 (14120120)
4215920.6	171.32093 (14122020)	166.50218 (13111118)	159.99348 (13111118)	156.56513 (14120120)	150.51989 (14112520)
4215900.6	181.37723 (14122020)	175.27142 (13111118)	169.78811 (14120120)	162.20719 (16012020)	157.43852 (13111717)
4215880.6	191.80422 (13111118)	184.14794 (14120120)	177.27972 (14120120)	171.40153 (14112520)	164.64649 (14120420)
4215860.6	201.63441 (13111118)	195.37883 (14120120)	187.32505 (14112520)	179.17903 (13111717)	172.79344 (15010117)
4215840.6	215.43637 (14120120)	205.16935 (14112520)	197.18490 (13111717)	189.24471 (14120420)	181.27090 (15120622)
4215820.6	226.80356 (16012020)	217.79107 (13111717)	208.56149 (14120420)	198.74903 (15120622)	192.38013 (16110917)
4215800.6	242.27642 (14112520)	231.19086 (14120420)	219.09647 (15120622)	211.86101 (16110917)	200.54582 (16110917)
4215780.6	257.86306 (14120420)	243.72605 (15010117)	234.98767 (16110917)	221.46221 (16110917)	211.83233 (14110817)
4215760.6	274.33093 (15010117)	262.80287 (16110917)	246.35484 (16110917)	234.55053 (14110817)	216.98687 (16121118)
4215740.6	296.44402 (16110917)	277.07871 (14110817)	261.80013 (14110817)	241.71712 (16121118)	228.91989 (15112917)
4215720.6	315.43120 (14110817)	294.54295 (14110817)	272.21526 (15120117)	254.69645 (15112917)	238.54937 (13122217)
4215700.6	334.44176 (14110817)	308.80911 (15120117)	286.02841 (13122217)	266.33523 (13011217)	248.36395 (15111020)
4215680.6	353.93997 (15112917)	325.55081 (13122217)	299.32321 (15111020)	276.74686 (14110222)	256.54684 (14110222)
4215660.6	373.87517 (13011217)	341.05107 (15111020)	312.76538 (14110222)	290.05239 (14120318)	269.40655 (13110917)
4215640.6	393.90042 (14110222)	359.30728 (14120318)	330.43477 (13110917)	307.48635 (13110917)	280.87352 (13110917)
4215620.6	419.94530 (13110917)	383.08748 (13110917)	344.75318 (13122417)	315.75978 (13122417)	286.47984 (13122417)
4215600.6	442.17877 (13122417)	393.47505 (13122417)	346.67017 (13122417)	318.92613 (13120417)	292.81994 (13120417)
4215580.6	451.40308 (13120417)	403.61389 (15012007)	361.40583 (15012007)	323.74202 (15012007)	289.50991 (15012007)
4215560.6	445.77907 (15012007)	386.40971 (16120520)	354.35698 (16120520)	325.36281 (16120520)	299.74481 (16120520)
4215540.6	478.82961 (16120520)	424.05017 (16120520)	378.66439 (16120520)	340.36319 (16120520)	307.82793 (16120520)
4215520.6	475.47977 (13120618)	420.97352 (13120618)	376.07139 (13120618)	338.80850 (13120618)	307.45075 (13120618)
4215500.6	475.80602 (13111808)	422.99457 (13111808)	379.21292 (13111808)	342.57767 (13111808)	311.78613 (13111808)

 4215480.6 | 477.41515 (16012518)   418.94453 (16012518)   369.49587 (16012518)   327.91103 (16012518)
292.41835 (16012518)
 4215460.6 | 454.58798 (15111417)   412.11095 (15111417)   372.59119 (16012518)   339.49111 (16012518)
309.33482 (16012518)
 4215440.6 | 427.29059 (17011208)   387.47480 (16012517)   354.44087 (16012517)   321.66730 (16012517)
293.93312 (15111417)
 4215420.6 | 412.12568 (17011208)   377.12748 (17011208)   340.04740 (17011208)   303.05624 (17011208)
281.65436 (16012517)
 4215400.6 | 345.65558 (15110121)   337.71135 (17011208)   322.12850 (17011208)   301.42262 (17011208)
277.82083 (17011208)
 4215380.6 | 317.06750 (16112806)   290.05742 (15110121)   275.21771 (15110121)   269.81879 (17011208)
260.81480 (17011208)
 4215360.6 | 306.95065 (16112806)   281.10559 (16112806)   247.64856 (16112806)   237.38690 (15110121)
226.25696 (15110121)
 4215340.6 | 281.80436 (17010206)   266.47472 (17010206)   248.99238 (16112806)   225.75755 (16112806)
203.86958 (15110121)
 4215320.6 | 282.01465 (16111321)   243.52193 (17010206)   234.93289 (17010206)   221.22408 (16112806)
205.54959 (16112806)
 4215300.6 | 293.02699 (16111321)   249.69200 (16111321)   215.60416 (14012919)   208.74850 (17010206)
197.47136 (16112806)
 4215280.6 | 285.40144 (16111321)   258.98885 (16111321)   223.20929 (16111321)   194.52956 (14012919)
186.31592 (17010206)
 4215260.6 | 270.94453 (13112817)   253.88096 (16111321)   231.33658 (16111321)   201.12564 (16111321)
176.68098 (14012919)
 4215240.6 | 250.39858 (16122222)   242.19164 (13112817)   227.88915 (16111321)   208.36800 (16111321)
182.46986 (16111321)
 4215220.6 | 259.08350 (16122222)   226.67529 (13112817)   218.20567 (13112817)   206.12905 (16111321)
189.02777 (16111321)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                               INCLUDING SOURCE(S):   IDLTK   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4215200.6 | 255.96962 (16122222)   227.38648 (16122222)   206.69894 (13112817)   198.01788 (13112817)
187.71481 (16111321)
 4215180.6 | 245.10401 (14013006)   228.62916 (16122222)   200.14591 (16122222)   188.94898 (13112817)
180.39544 (13112817)
 4215160.6 | 231.30792 (14013006)   222.20779 (16122222)   205.08538 (16122222)   176.23325 (14112806)
173.68717 (13112817)
 4215140.6 | 220.90434 (14110717)   212.73635 (14013006)   202.39343 (16122222)   183.17767 (16122222)
162.94056 (13112817)
 4215120.6 | 213.84023 (14110717)   201.20067 (16011507)   195.20276 (14013006)   184.10298 (16122222)
163.76485 (16122222)
 4215100.6 | 202.92261 (14110717)   194.52125 (14110717)   186.49596 (14013006)   179.57543 (16122222)
167.23438 (16122222)
 4215080.6 | 189.33201 (14110717)   188.23842 (14110717)   177.02559 (16011507)   173.14816 (14013006)
165.71737 (16122222)
 4215060.6 | 177.51392 (16110518)   179.12658 (14110717)   173.03155 (14110717)   165.09669 (16011507)
160.52828 (14013006)
 4215040.6 | 171.06807 (16110518)   167.80515 (14110717)   167.41948 (14110717)   157.57048 (14110717)
154.67085 (14013006)
 4215020.6 | 163.10598 (16110518)   157.47963 (16110518)   159.68327 (14110717)   155.38926 (14110717)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.6	124.12628 (14120120)	120.82795 (14120120)	117.25502 (14112520)	114.04104 (13111717)	110.91675 (14120420)
4215980.6	129.69635 (14120120)	124.71184 (14112520)	121.73738 (14112520)	117.91417 (14120420)	114.86688 (14120420)
4215960.6	133.86778 (16012020)	130.43310 (14112520)	125.89919 (13111717)	122.80865 (14120420)	118.50271 (15010117)
4215940.6	140.07008 (14112520)	135.36356 (13111717)	131.48343 (14120420)	126.86328 (15010117)	123.22629 (15120622)
4215920.6	145.79599 (13111717)	141.20653 (14120420)	136.18428 (15010117)	131.93216 (15120622)	129.21151 (16110917)
4215900.6	152.25005 (14120420)	146.63986 (15010117)	141.64675 (15120622)	138.56918 (16110917)	133.26172 (16110917)
4215880.6	158.86890 (15010117)	153.02796 (15120622)	149.15022 (16110917)	143.01179 (16110917)	138.51758 (14110817)
4215860.6	166.17828 (15120622)	161.46547 (16110917)	154.32614 (16110917)	149.23530 (14110817)	142.48736 (14110817)
4215840.6	175.77295 (16110917)	167.42698 (16110917)	161.48905 (14110817)	153.28608 (14110817)	145.16242 (16121118)
4215820.6	182.72746 (16110917)	175.70186 (14110817)	165.57392 (14110817)	156.99397 (15120117)	150.96502 (15112917)
4215800.6	192.37143 (14110817)	179.77596 (14110817)	171.46882 (15120117)	163.66877 (15112917)	155.57612 (13122217)
4215780.6	196.06111 (14110817)	187.66184 (15120117)	178.27228 (15112917)	169.21446 (13122217)	160.94335 (13011217)
4215760.6	206.38619 (15120117)	194.70944 (15012118)	184.52310 (13011217)	173.84057 (13011217)	165.81484 (15111020)
4215740.6	215.12906 (13122217)	202.58405 (13011217)	190.86727 (15111020)	179.98209 (15010317)	170.59246 (14110222)
4215720.6	222.60792 (15111020)	209.18317 (15111020)	197.47275 (14110222)	185.61589 (13120917)	176.69987 (14120318)
4215700.6	231.79192 (14110222)	215.98083 (13120917)	204.71684 (14120318)	192.92004 (13112819)	184.37209 (13110917)
4215680.6	241.23947 (14120318)	225.56381 (13112819)	214.48721 (13110917)	201.72045 (13110917)	187.50874 (13110917)
4215660.6	253.87872 (13110917)	235.55187 (13110917)	218.58592 (13122417)	205.94827 (13122417)	192.18899 (13122417)
4215640.6	260.36324 (13122417)	240.83939 (13122417)	221.33139 (13122417)	202.24333 (13122417)	192.14751 (13120417)
4215620.6	257.61438 (13122417)	241.28495 (13120417)	225.65682 (13120417)	210.98935 (15012007)	197.70518 (15012007)
4215600.6	269.32494 (15012007)	247.25936 (15012007)	227.00523 (15012007)	208.75506 (15012007)	191.51152 (15012007)
4215580.6	259.20190 (15012007)	232.75660 (15012007)	216.98669 (16120520)	205.67860 (16120520)	194.80013 (16120520)
4215560.6	276.34581 (16120520)	256.00118 (16120520)	237.40819 (16120520)	221.52019 (16120520)	206.92728 (16120520)

 4215540.6 | 280.21789 (16120520)   256.15354 (16120520)   236.30575 (15013106)   219.84492 (15013106)
205.10689 (15013106)
 4215520.6 | 280.97089 (13120618)   257.98763 (13120618)   238.22241 (13120618)   221.23920 (13120618)
206.09954 (13120618)
 4215500.6 | 285.18192 (13111808)   262.20767 (13111808)   242.37278 (13111808)   225.09470 (13111808)
209.78028 (13111808)
 4215480.6 | 262.18172 (16012518)   240.99038 (13111808)   225.05868 (13111808)   210.76237 (13111808)
197.91675 (13111808)
 4215460.6 | 282.29224 (16012518)   258.22099 (16012518)   236.51074 (16012518)   217.28265 (16012518)
199.95079 (16012518)
 4215440.6 | 273.63529 (15111417)   254.46367 (15111417)   236.73766 (16012518)   221.03335 (16012518)
206.43749 (16012518)
 4215420.6 | 263.09566 (16012517)   244.04137 (16012517)   225.62697 (16012517)   210.48198 (15111417)
199.39461 (15111417)
 4215400.6 | 253.37092 (17011208)   229.21001 (17011208)   216.95730 (16012517)   205.63135 (16012517)
193.58386 (16012517)
 4215380.6 | 247.59555 (17011208)   231.78181 (17011208)   215.30284 (17011208)   198.15859 (17011208)
181.41571 (17011208)
 4215360.6 | 221.97160 (17011208)   216.44843 (17011208)   207.92819 (17011208)   197.16276 (17011208)
185.32853 (17011208)
 4215340.6 | 199.15919 (15110121)   190.36126 (15110121)   186.74407 (17011208)   183.39749 (17011208)
177.57038 (17011208)
 4215320.6 | 185.48613 (16112806)   174.40129 (15110121)   170.18113 (15110121)   162.89029 (15110121)
159.79416 (17011208)
 4215300.6 | 186.69521 (16112806)   171.80278 (16112806)   154.77834 (16112806)   151.14195 (15110121)
147.48113 (15110121)
 4215280.6 | 178.17979 (17010206)   169.60662 (16112806)   158.98248 (16112806)   145.53566 (16112806)
133.64353 (15110121)
 4215260.6 | 167.31502 (17010206)   161.95004 (17010206)   154.39252 (16112806)   146.61716 (16112806)
136.27809 (16112806)
 4215240.6 | 161.21086 (14012919)   150.85224 (17010206)   147.78962 (17010206)   140.89380 (16112806)
135.27399 (16112806)
 4215220.6 | 166.51736 (16111321)   147.95300 (14012919)   136.95462 (17010206)   135.40171 (17010206)
130.14477 (17010206)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: IDLTK
***
                               INCLUDING SOURCE(S):   IDLTK   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 172.53673 (16111321)   152.75165 (16111321)   136.53055 (14012919)   125.87083 (14012919)
124.21272 (17010206)
 4215180.6 | 171.87133 (16111321)   158.34804 (16111321)   140.81964 (16111321)   126.45475 (14012919)
117.17636 (14012919)
 4215160.6 | 165.37862 (16111321)   158.07176 (16111321)   146.01781 (16111321)   130.39969 (16111321)
117.45964 (14012919)
 4215140.6 | 160.18591 (13112817)   152.91060 (16111321)   145.95541 (16111321)   135.21283 (16111321)
121.23825 (16111321)
 4215120.6 | 151.76580 (13112817)   148.38480 (13112817)   141.89447 (16111321)   135.38664 (16111321)
125.67487 (16111321)
 4215100.6 | 148.37879 (16122222)   141.81303 (13112817)   137.83902 (13112817)   132.16986 (16111321)
126.06280 (16111321)
 4215080.6 | 151.81400 (16122222)   134.01621 (14112819)   132.44727 (13112817)   128.44503 (13112817)

123.53950 (16111321)
4215060.6 | 152.45542 (16122222) 138.68512 (16122222) 125.04136 (14112806) 124.11469 (13112817)
120.08416 (13112817)
4215040.6 | 149.28462 (16122222) 139.98685 (16122222) 125.84224 (16122222) 117.61762 (13112817)
116.54941 (13112817)
4215020.6 | 144.60747 (14013006) 139.14743 (16122222) 129.05577 (16122222) 114.88363 (16122222)
111.29245 (13112817)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: IDLTK ***

INCLUDING SOURCE(S): IDLTK ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	1840.94624	(14110908)	539351.84	4215428.70	1784.55064	(15012918)
539361.84	4215428.70	1703.09467	(14110218)	539371.84	4215428.70	1639.37623	(14110717)
539381.84	4215428.70	1533.58155	(14110717)	539341.84	4215438.70	2134.39287	(14110908)
539351.84	4215438.70	2043.77644	(14110218)	539361.84	4215438.70	1960.67564	(16110518)
539371.84	4215438.70	1879.25709	(14110717)	539381.84	4215438.70	1701.66682	(16122222)
539341.84	4215448.70	2493.35684	(14110908)	539351.84	4215448.70	2409.18463	(14110218)
539361.84	4215448.70	2263.82742	(16110518)	539371.84	4215448.70	2098.15049	(14013006)
539381.84	4215448.70	1811.81115	(16122222)	539341.84	4215458.70	2973.49823	(15012918)
539351.84	4215458.70	2807.15680	(15011018)	539361.84	4215458.70	2667.49163	(14110717)
539371.84	4215458.70	2334.41427	(16122222)	539381.84	4215458.70	1903.81349	(16111321)
539341.84	4215468.70	3613.10131	(15012918)	539351.84	4215468.70	3414.52677	(16110518)
539361.84	4215468.70	3077.59226	(16122222)	539371.84	4215468.70	2453.94015	(13112817)
539381.84	4215468.70	2029.82428	(16111321)	539113.88	4215517.52	526.88182	(14012720)
539096.52	4215515.99	479.13812	(14012720)	539108.26	4215501.18	545.40677	(14012720)
539096.01	4215500.67	507.04760	(14012720)	539108.26	4215486.38	536.06330	(13112022)
539094.47	4215485.36	494.09022	(13112022)	539135.32	4215461.36	613.67761	(13111718)
539150.13	4215439.91	640.31879	(16011921)	539114.39	4215452.68	531.42346	(13121818)
539123.07	4215439.40	536.68406	(15112517)	539159.32	4215421.02	638.43699	(15111722)
539145.02	4215416.43	575.51140	(15111722)	539134.30	4215410.81	532.94832	(15111722)
539131.75	4215425.11	541.48395	(16011921)	539206.80	4215383.75	703.88072	(15013018)
539215.99	4215372.52	695.89335	(14110917)	539188.93	4215382.22	633.40563	(13012521)

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       539176.17   4215379.67      596.93725  (13012521)              539165.44   4215376.09      554.89682
(13121819)
       539248.79   4215356.71      718.28608  (14110418)              539243.45   4215348.45      666.57504
(13111121)
       539265.58   4215345.25      696.15549  (14012722)              539260.78   4215338.05      656.31715
(14012722)
       539256.25   4215351.38      713.30632  (14110418)              539272.77   4215331.92      652.05875
(14112820)
       539264.78   4215324.99      611.56210  (16112721)              539280.77   4215321.79      624.13501
(16110617)
       539279.97   4215307.14      574.71927  (16110617)              539287.97   4215313.80      609.17735
(16110617)
       539297.83   4215304.74      556.87992  (16121208)              539289.56   4215296.21      540.23534
(16110617)
       539311.15   4215287.68      512.62662  (17010220)              539303.69   4215281.28      494.95702
(15110419)
       539303.69   4215296.21      539.37516  (15110419)              539314.25   4215271.79      464.51940
(15112306)
       539329.09   4215260.48      441.15505  (17012706)              539339.69   4215237.16      395.36321
(13112018)
       539357.36   4215232.92      379.17458  (16121207)              539394.11   4215199.70      325.72592
(15012918)
       539044.99   4215579.21      299.09274  (14010720)              539034.39   4215591.93      282.57640
(15110719)
       539054.88   4215556.59      318.03560  (16013021)              539058.42   4215538.92      327.85111
(15120817)
       539054.88   4215520.55      364.85047  (14012720)              539082.44   4215477.44      456.46786
(13112022)
       539073.96   4215466.13      430.84984  (16011321)              539098.70   4215440.69      477.57647
(13110818)
       539109.30   4215426.56      489.41768  (16011921)              539117.07   4215415.96      482.63061
(16011921)
       539125.55   4215401.11      498.78200  (15111722)              539158.77   4215367.19      521.49320
(13012521)
       539150.29   4215357.30      484.49803  (13012521)              539184.21   4215339.63      509.45812
(15013018)
       539222.37   4215324.79      543.86711  (13111121)              539243.58   4215317.72      555.94366
(15121718)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 587
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  IDLTK
***
                               INCLUDING SOURCE(S):     IDLTK       ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

     X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
       539371.49   4215194.05      325.55017  (14110908)              539364.42   4215191.93      312.87538
(14110908)
       539344.64   4215200.41      335.05782  (13112018)              539409.65   4215113.48      232.79474
(15012918)
       539355.94   4215136.80      258.91388  (13112018)              539262.66   4215288.75      496.49287
(14112820)
       539282.44   4215261.19      443.41690  (16110617)              539299.41   4215235.04      388.21790
(15110419)
       539168.92   4215647.77      486.17134  (13111908)              538947.70   4216163.58       92.08847
(16012921)
       539352.12   4215798.21      337.27910  (14113020)              539367.62   4215566.76     2391.59738
```

(14112520)
        539278.26   4215504.64   3229.59762 (13111718)   539297.51   4215494.11   4090.40309
(15110619)
        539323.66   4215486.12   5018.46933 (13012406)   539342.55   4215482.85   4845.57488
(13123121)
        539367.23   4215481.23   3140.54647 (16032418)   539397.77   4215487.94   1966.56019
(17011208)
        539352.73   4215556.41   3363.52973 (13111118)   539337.83   4215546.05   4780.13619
(14120421)
        539322.94   4215535.70   6528.52024 (13011219)   539308.05   4215525.35   6126.12524
(15120719)
        539293.15   4215514.99   4584.30612 (14012720)   539287.89   4215499.38   3698.31311
(16011921)
        539310.58   4215490.12   4623.92157 (15121821)   539354.89   4215482.04   4157.89853
(16122222)
        539382.50   4215484.59   2147.13836 (17011208)   539391.74   4215503.70   2429.60676
(16012518)
        539385.71   4215519.47   2714.16420 (15013106)   539379.68   4215535.23   2876.11185
(13122417)
        539373.65   4215551.00   2714.56126 (15112917)

 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
   07/15/25
 *** AERMET - VERSION 18081 ***   ***   ***
  15:15:41

  PAGE 588
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
 -
- - - - - - - -

 4216000.6 | 51.50590 (13111908)   52.99654 (13111908)   53.79006 (13111908)   55.32985 (15120921)
56.92696 (16120906)
 4215980.6 | 51.94890 (16120919)   54.24070 (13111908)   56.06085 (13111908)   57.12313 (13111908)
58.66389 (15120921)
 4215960.6 | 52.50992 (14122218)   54.67193 (16120919)   57.18654 (13111908)   59.39492 (13111908)
60.77848 (13111908)
 4215940.6 | 54.12615 (14122218)   55.73917 (14122218)   57.58146 (16120919)   60.35613 (13111908)
63.02361 (13111908)
 4215920.6 | 55.45304 (14112117)   57.10641 (14122218)   59.19481 (14122218)   60.67738 (16120919)
63.77791 (16120919)
 4215900.6 | 57.46610 (14112117)   59.14336 (14112117)   60.44819 (15120318)   62.88067 (14122218)
64.81645 (14122218)
 4215880.6 | 57.97292 (14112117)   60.74256 (14112117)   63.02125 (14112117)   64.66051 (14112117)
66.79358 (14122218)
 4215860.6 | 58.76588 (14121419)   60.61068 (14112117)   64.07928 (14112117)   67.07399 (14112117)
69.41062 (14112117)
 4215840.6 | 59.88022 (14121608)   62.18876 (14121608)   64.70725 (14121419)   67.40998 (14112117)
71.24517 (14112117)
 4215820.6 | 60.79394 (13012606)   63.02596 (14121608)   66.10792 (14121608)   68.84137 (14121419)
71.72678 (14121419)
 4215800.6 | 61.34888 (14010819)   64.22777 (13012606)   67.19272 (13012606)   69.89698 (14121608)
73.51398 (14121608)
 4215780.6 | 63.27925 (13110819)   65.82794 (14010819)   68.09893 (14010819)   71.22875 (13012606)
74.81163 (13012606)
 4215760.6 | 64.86633 (15110106)   67.41485 (15110106)   70.27350 (13110819)   73.25412 (14010819)
76.16358 (14010819)

 4215740.6 | 65.78803 (13112007)   68.38900 (15110106)   71.90031 (15110106)   75.25000 (15110106)
78.57649 (13110819)
 4215720.6 | 66.41245 (15120719)   69.54508 (13112007)   73.07223 (13112007)   76.48548 (13112007)
80.10912 (15110106)
 4215700.6 | 66.78940 (14111519)   69.84802 (14111519)   73.33430 (15120719)   77.35778 (15120719)
81.41196 (13112007)
 4215680.6 | 67.49796 (15110719)   70.59548 (15110719)   73.77423 (14111519)   77.85293 (14111519)
81.95694 (14111519)
 4215660.6 | 94.76819 (14010720)   70.84908 (14010720)   74.56496 (15110719)   78.72313 (15110719)
82.98201 (15110719)
 4215640.6 | 97.53199 (14111220)   100.87356 (14111220)   75.95928 (14111220)   79.50243 (14111220)
83.37167 (14010720)
 4215620.6 | 98.35823 (16013021)   101.49163 (14111220)   76.80537 (15110220)   80.84931 (14111220)
85.41354 (14111220)
 4215600.6 | 101.46077 (15120817)   104.69127 (15120817)   108.05702 (15120817)   81.89519 (15120817)
86.05509 (15120817)
 4215580.6 | 101.54508 (16012421)   105.12363 (16012421)   109.04835 (15120817)   114.05405 (15120817)
120.62283 (15120817)
 4215560.6 | 97.66570 (16012421)   101.59662 (16012421)   106.28540 (16012421)   110.83875 (16012421)
117.42665 (16012421)
 4215540.6 | 107.90791 (14012720)   112.99347 (14012720)   118.22943 (14012720)   123.88888 (14012720)
131.01589 (14012720)
 4215520.6 | 128.56325 (14012720)   134.62854 (14012720)   140.76546 (14012720)   147.39773 (14012720)
156.13366 (14012720)
 4215500.6 | 139.88102 (14012720)   145.45773 (14012720)   151.41934 (14012720)   157.80604 (14012720)
166.41369 (14012720)
 4215480.6 | 139.61898 (16012422)   144.63218 (16012422)   150.37364 (14010718)   157.20339 (14010718)
164.45694 (14010718)
 4215460.6 | 139.05197 (13112022)   144.86503 (13112022)   150.87252 (13112022)   157.58555 (13112022)
164.53708 (13112022)
 4215440.6 | 137.33063 (13112022)   141.02339 (13112022)   145.03854 (13112022)   150.66833 (16011321)
159.38001 (16011321)
 4215420.6 | 137.10470 (16011321)   143.60377 (16011321)   149.59228 (16011321)   155.36848 (16011321)
160.82611 (16011321)
 4215400.6 | 136.29212 (16011321)   139.81829 (16011321)   142.50373 (13111718)   151.75714 (13111718)
161.24458 (13111718)
 4215380.6 | 136.60104 (13111718)   143.32287 (13111718)   149.48857 (13111718)   154.90701 (13111718)
161.95308 (13121818)
 4215360.6 | 137.95268 (13121818)   143.01442 (13121818)   148.87821 (13110818)   154.64126 (13110818)
158.68136 (13110818)
 4215340.6 | 137.25131 (13110818)   140.36749 (13110818)   142.51421 (13110818)   146.76938 (15112517)
155.94888 (15112517)
 4215320.6 | 128.82114 (14012217)   136.80738 (15112517)   144.15799 (15112517)   149.93372 (16011921)
156.91083 (16011921)
 4215300.6 | 133.16022 (15112517)   138.78538 (16011921)   143.66220 (16011921)   146.46447 (16011921)
147.55135 (16011921)
 4215280.6 | 132.33107 (16011921)   134.04177 (16011921)   133.64149 (16011921)   130.94893 (16011921)
133.82168 (15111722)
 4215260.6 | 122.17450 (16011921)   119.23671 (16011921)   121.19748 (15111722)   134.54153 (15111722)
146.57464 (15111722)
 4215240.6 | 110.72157 (15111722)   122.60515 (15111722)   133.06551 (15111722)   141.60978 (15111722)
147.52614 (15111722)
 4215220.6 | 122.14469 (15111722)   130.01083 (15111722)   135.65403 (15111722)   137.94585 (15111722)
142.77960 (14122917)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                                INCLUDING SOURCE(S):   LOAD   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       538745.17              538765.17              538785.17              538805.17
538825.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |    125.46087 (15111722)    128.25825 (15111722)    130.97627 (14122917)    136.60633 (16123020)
142.44803 (13111119)
 4215180.6 |    120.59789 (14122917)    125.57160 (16123020)    130.51880 (16123020)    135.30954 (13111119)
139.54618 (15110619)
 4215160.6 |    121.12744 (16123020)    125.24858 (13111119)    128.68075 (15110619)    131.99785 (15110619)
131.38206 (15110619)
 4215140.6 |    120.05232 (13111119)    123.25927 (15110619)    124.69301 (15110619)    122.45523 (15110619)
130.85887 (14122918)
 4215120.6 |    117.62068 (15110619)    117.45588 (15110619)    117.63614 (14122918)    125.57147 (14122918)
129.20960 (14122918)
 4215100.6 |    110.36525 (15110619)    113.99780 (14122918)    120.42090 (14122918)    122.74803 (14122918)
126.97986 (13121819)
 4215080.6 |    110.34084 (14122918)    115.42657 (14122918)    116.63087 (14122918)    121.32238 (13121819)
125.12378 (13012521)
 4215060.6 |    110.44435 (14122918)    111.86043 (13121819)    116.01322 (13121819)    119.49704 (13012521)
119.19830 (13012521)
 4215040.6 |    107.75468 (13121819)    111.02659 (13121819)    114.26461 (13012521)    113.33987 (13012521)
108.14007 (13012521)
 4215020.6 |    106.70906 (13012521)    109.38939 (13012521)    108.09080 (13012521)    102.86594 (13012521)
104.99797 (16110522)
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 590
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  LOAD
***
                               INCLUDING SOURCE(S):     LOAD        ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       538845.17              538865.17              538885.17              538905.17
538925.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |     59.51834 (16010420)     66.93612 (16010420)     73.58878 (16010420)     78.91031 (16010420)
82.31912 (16010420)
 4215980.6 |     60.34261 (16120906)     63.26344 (16010420)     71.39137 (16010420)     78.63568 (16010420)
84.33363 (16010420)
 4215960.6 |     62.33656 (15120921)     64.11989 (16120906)     67.42876 (16010420)     76.36625 (16010420)
84.28380 (16010420)
 4215940.6 |     64.80231 (13111908)     66.39536 (15120921)     68.36900 (16120907)     72.07255 (16010420)
81.95056 (16010420)
 4215920.6 |     66.98455 (13111908)     69.24516 (13111908)     70.90252 (15120921)     73.17364 (16120907)
77.28121 (16010420)
 4215900.6 |     67.70616 (16120919)     71.31545 (13111908)     74.17159 (13111908)     75.93485 (15120921)
78.56396 (16120907)
 4215880.6 |     69.37850 (14122218)     71.96196 (16120919)     76.07081 (13111908)     79.66034 (13111908)
81.78249 (13111908)
 4215860.6 |     71.13312 (15120318)     74.32579 (14122218)     76.71538 (14122218)     81.30171 (13111908)
85.78493 (13111908)
 4215840.6 |     74.45057 (14112117)     76.79608 (14112117)     79.67905 (14122218)     82.98705 (14122218)
87.19517 (16120919)
 4215820.6 |     75.49988 (14112117)     79.74905 (14112117)     83.13941 (14112117)     85.57157 (15120318)
89.88064 (14122218)
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 4215800.6 | 76.83951 (14121419)   80.11857 (14121419)   85.23864 (14112117)   89.91941 (14112117)
93.42584 (14112117)
 4215780.6 | 78.14313 (14121608)   82.42970 (14121608)   86.48179 (14121419)   90.76882 (14112117)
97.05698 (14112117)
 4215760.6 | 79.61399 (13012606)   84.01209 (13012606)   88.17412 (14121608)   93.32998 (14121608)
98.31685 (14121419)
 4215740.6 | 82.09329 (14010819)   85.89153 (14010819)   89.80406 (13012606)   95.32144 (13012606)
100.60980 (14121608)
 4215720.6 | 84.45843 (15110106)   88.55589 (15110106)   93.05872 (13110819)   97.89918 (14010819)
102.47581 (13012606)
 4215700.6 | 85.95399 (13112007)   90.37295 (13112007)   95.50389 (15110106)   101.19805 (15110106)
106.87383 (13110819)
 4215680.6 | 86.26663 (15120719)   91.64637 (15120719)   97.11774 (13112007)   103.36957 (13112007)
109.48771 (13112007)
 4215660.6 | 87.35792 (15110719)   92.19970 (14111519)   97.98027 (14111519)   103.93476 (14111519)
111.31288 (15120719)
 4215640.6 | 87.96189 (14010720)   93.03579 (15110719)   99.15713 (15110719)   105.61582 (15110719)
112.37394 (15110719)
 4215620.6 | 90.25901 (14111220)   95.44202 (14111220)   101.00705 (14111220)   106.90739 (14111220)
113.52606 (14010720)
 4215600.6 | 90.51867 (15120817)   95.62214 (15110220)   101.86636 (15110220)   108.75936 (15110220)
116.29341 (14111220)
 4215580.6 | 127.76735 (15120817)   135.55291 (15120817)   143.35864 (15120817)   111.09025 (15120817)
118.73776 (15120817)
 4215560.6 | 124.66082 (16012421)   132.63133 (16012421)   140.77813 (16012421)   110.04563 (15110618)
117.06997 (14121619)
 4215540.6 | 138.84219 (14012720)   147.46781 (14012720)   156.63823 (14012720)   165.99341 (14012720)
151.03358 (15110618)
 4215520.6 | 165.73818 (14012720)   176.33560 (14012720)   187.47306 (14012720)   198.52689 (14012720)
211.50883 (14012720)
 4215500.6 | 175.15858 (14012720)   184.66759 (14012720)   195.03194 (14012720)   205.63892 (14012720)
217.23274 (14012720)
 4215480.6 | 172.75359 (14010718)   181.59324 (14010718)   190.77824 (13112022)   203.29261 (13112022)
216.77951 (13112022)
 4215460.6 | 171.70500 (13112022)   179.05477 (13112022)   187.16285 (13112022)   195.36428 (13112022)
209.18747 (16011321)
 4215440.6 | 168.80631 (16011321)   178.40288 (16011321)   188.04889 (16011321)   198.95144 (16011321)
208.92130 (16011321)
 4215420.6 | 166.36871 (16011321)   170.82847 (13111718)   183.81873 (13111718)   198.02399 (13111718)
211.94324 (13111718)
 4215400.6 | 169.82228 (13111718)   177.65106 (13111718)   186.46230 (13121818)   198.00480 (13110818)
209.94156 (13110818)
 4215380.6 | 169.27092 (13110818)   176.34140 (13110818)   182.37352 (13110818)   188.19194 (14012217)
202.79138 (15112517)
 4215360.6 | 161.11517 (13110818)   169.16239 (15112517)   180.75782 (15112517)   191.75201 (16011921)
203.08715 (16011921)
 4215340.6 | 163.58200 (15112517)   171.82947 (16011921)   178.76436 (16011921)   183.58804 (16011921)
184.35580 (16011921)
 4215320.6 | 161.66219 (16011921)   163.21115 (16011921)   162.35981 (16011921)   166.97398 (15111722)
187.60538 (15111722)
 4215300.6 | 145.52220 (16011921)   148.80314 (15111722)   166.24650 (15111722)   181.21428 (15111722)
191.99788 (15111722)
 4215280.6 | 149.14291 (15111722)   162.53709 (15111722)   172.67541 (15111722)   177.74685 (15111722)
186.21996 (16123020)
 4215260.6 | 156.40979 (15111722)   162.26158 (15111722)   167.25893 (14122917)   176.11081 (16123020)
184.52849 (13111119)
 4215240.6 | 150.60240 (14122917)   158.93748 (16123020)   166.81804 (13111119)   173.49260 (15110619)
177.13413 (15110619)
 4215220.6 | 149.86323 (16123020)   156.90939 (13111119)   162.33874 (15110619)   163.11582 (15110619)
170.61310 (14122918)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD

***
INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538845.17	538865.17	538885.17	538905.17	538925.17
4215200.6	147.30468 (15110619)	151.42456 (15110619)	149.98659 (15110619)	161.25979 (14122918)	167.37101 (14122918)
4215180.6	140.91351 (15110619)	142.29630 (14122918)	152.09585 (14122918)	155.92150 (14122918)	163.85641 (13012521)
4215160.6	136.25300 (14122918)	143.50445 (14122918)	146.94934 (13121819)	154.18558 (13012521)	158.68590 (13012521)
4215140.6	136.02462 (14122918)	139.44379 (13121819)	145.11144 (13012521)	148.37604 (13012521)	144.27278 (13012521)
4215120.6	133.01189 (13121819)	138.00137 (13012521)	139.42222 (13012521)	134.88936 (13012521)	137.15384 (16110522)
4215100.6	131.18577 (13012521)	132.09835 (13012521)	126.92909 (13012521)	129.30014 (16110522)	139.21104 (15013018)
4215080.6	125.37876 (13012521)	120.11005 (13012521)	122.22437 (16110522)	130.71483 (15013018)	141.08490 (15013018)
4215060.6	113.86895 (13012521)	115.96262 (16110522)	123.22971 (15013018)	133.48565 (15013018)	136.76268 (15013018)
4215040.6	110.24164 (16110522)	116.57115 (15013018)	126.72229 (15013018)	130.63025 (15013018)	127.53715 (15013018)
4215020.6	110.44128 (15013018)	120.25853 (15013018)	124.86410 (15013018)	122.88735 (15013018)	123.25040 (14110917)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***
INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538945.17	538965.17	538985.17	539005.17	539025.17
4216000.6	84.61555 (16121317)	86.57268 (16121317)	88.48342 (15120918)	93.63154 (15011617)	96.14492 (15011617)
4215980.6	87.78571 (16010420)	90.60783 (16121317)	92.17973 (16121317)	95.30427 (15011617)	100.88093 (15011617)
4215960.6	90.39230 (16010420)	93.91661 (16010420)	97.21472 (16121317)	98.20924 (16121317)	103.78522 (15011617)
4215940.6	90.63471 (16010420)	97.18925 (16010420)	100.70798 (16010420)	104.49221 (16121317)	106.24826 (15120918)
4215920.6	88.24580 (16010420)	97.80878 (16010420)	104.85478 (16010420)	108.37488 (16121317)	112.56493 (16121317)
4215900.6	83.14483 (16010420)	95.38589 (16010420)	105.96913 (16010420)	113.54900 (16010420)	117.81342 (16121317)
4215880.6	84.65776 (16120907)	89.78497 (16010420)	103.53599 (16010420)	115.31590 (16010420)	123.47101 (16010420)

 4215860.6 | 88.64572 (13111908)   91.60474 (15120921)   97.33950 (16010420)   112.90117 (16010420)
126.10435 (16010420)
 4215840.6 | 92.63587 (13111908)   96.43568 (13111908)   99.71431 (15120921)   106.02617 (16010420)
123.79926 (16010420)
 4215820.6 | 93.90359 (16120919)   100.31454 (13111908)   105.34047 (13111908)   109.07111 (15120921)
116.08629 (16010420)
 4215800.6 | 97.45654 (14122218)   101.80447 (14122218)   108.96262 (13111908)   115.58285 (13111908)
119.95709 (15120921)
 4215780.6 | 102.20277 (14112117)   105.80135 (15120318)   111.89431 (14122218)   118.74609 (13111908)
127.47852 (13111908)
 4215760.6 | 104.47746 (14112117)   111.71671 (14112117)   117.27429 (14112117)   123.28103 (14122218)
130.41737 (16120919)
 4215740.6 | 106.96835 (14121608)   113.23373 (14121419)   121.88618 (14112117)   130.18901 (14112117)
136.10482 (14122218)
 4215720.6 | 109.61043 (13012606)   116.47569 (14121608)   124.46316 (14121608)   132.51483 (14112117)
144.46219 (14112117)
 4215700.6 | 113.04549 (14010819)   119.25852 (14010819)   128.05217 (13012606)   137.23854 (14121608)
147.67939 (14121419)
 4215680.6 | 116.97697 (15110106)   124.57299 (15110106)   132.65062 (13110819)   141.42704 (14010819)
152.53740 (13012606)
 4215660.6 | 119.17876 (13112007)   128.05830 (13112007)   136.95974 (15110106)   148.04324 (15110106)
159.17426 (13110819)
 4215640.6 | 120.31515 (14111519)   129.24081 (14111519)   139.58332 (15120719)   151.48243 (13112007)
164.90465 (13112007)
 4215620.6 | 121.39188 (14010720)   131.11813 (15110719)   141.75442 (15110719)   153.05302 (15110719)
166.97917 (14111519)
 4215600.6 | 124.99919 (14111220)   134.49320 (14111220)   144.91837 (14111220)   156.28856 (14111220)
169.20073 (14010720)
 4215580.6 | 127.16735 (15120817)   136.57521 (15120817)   147.05662 (15120817)   158.82670 (15110220)
174.01255 (15110220)
 4215560.6 | 125.61715 (14121619)   135.87776 (15120817)   147.73865 (15120817)   161.28051 (15120817)
176.97921 (15120817)
 4215540.6 | 162.51470 (15110618)   175.51606 (15110618)   190.19110 (15110618)   207.19330 (15110618)
226.87446 (15110618)
 4215520.6 | 186.46665 (15110618)   201.68453 (15110618)   218.86453 (15110618)   238.77524 (15110618)
261.81820 (15110618)
 4215500.6 | 230.62543 (16012422)   201.43100 (15110618)   216.52616 (15110618)   233.38256 (15110618)
252.03384 (15110618)
 4215480.6 | 230.46507 (13112022)   245.07277 (13112022)   207.61256 (13112022)   223.41748 (13112022)
245.67499 (14121020)
 4215460.6 | 225.64839 (16011321)   242.05586 (16011321)   214.02754 (14121020)   232.71483 (14121020)
251.96807 (14121020)
 4215440.6 | 218.98528 (16011321)   238.46636 (13111718)   257.24327 (13111718)   222.63856 (15121208)
242.25282 (15121208)
 4215420.6 | 225.52429 (13121818)   240.17759 (13110818)   255.83334 (13110818)   267.73156 (13110818)
238.97894 (14012217)
 4215400.6 | 219.87629 (13110818)   229.71849 (14012217)   248.12077 (15112517)   265.38186 (16011921)
281.03322 (16011921)
 4215380.6 | 218.13347 (15112517)   232.03746 (16011921)   241.75053 (16011921)   245.32332 (16011921)
255.94273 (15111722)
 4215360.6 | 210.69823 (16011921)   212.12415 (16011921)   219.14840 (15111722)   246.35382 (15111722)
267.76889 (15111722)
 4215340.6 | 190.85156 (15111722)   214.31254 (15111722)   232.41378 (15111722)   243.50085 (15111722)
257.99901 (16123020)
 4215320.6 | 204.58192 (15111722)   215.40089 (15111722)   223.43832 (16123020)   238.92745 (13111119)
251.32073 (15110619)
 4215300.6 | 197.96120 (14122917)   209.54030 (16123020)   221.16920 (13111119)   229.63832 (15110619)
236.26422 (14122918)
 4215280.6 | 196.69123 (13111119)   205.84837 (15110619)   209.38480 (15110619)   220.17831 (14122918)
229.53713 (13121819)
 4215260.6 | 191.00512 (15110619)   190.65319 (15110619)   205.43586 (14122918)   213.49051 (13121819)
225.58015 (13012521)
 4215240.6 | 180.45467 (14122918)   191.93339 (14122918)   199.22552 (13121819)   208.44533 (13012521)
207.13108 (13012521)
 4215220.6 | 179.55004 (14122918)   186.47408 (13121819)   194.01418 (13012521)   191.48695 (13012521)
193.31392 (16110522)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD
***
INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538945.17	538965.17	538985.17	539005.17	539025.17
4215200.6	174.57677 (13121819)	181.28431 (13012521)	177.85029 (13012521)	179.25326 (16110522)	198.31221 (15013018)
4215180.6	169.53258 (13012521)	165.50031 (13012521)	166.97153 (16110522)	184.20528 (15013018)	193.54864 (15013018)
4215160.6	154.54329 (13012521)	156.10713 (16110522)	171.69270 (15013018)	181.61732 (15013018)	178.43486 (15013018)
4215140.6	146.13779 (16110522)	160.13530 (15013018)	170.40437 (15013018)	169.57560 (15013018)	178.08191 (14110917)
4215120.6	148.93479 (15013018)	159.87380 (15013018)	160.58466 (15013018)	163.47452 (14110917)	176.58402 (14110917)
4215100.6	150.01741 (15013018)	151.92013 (15013018)	150.08744 (14110917)	164.75295 (14110917)	167.76206 (14110917)
4215080.6	143.90247 (15013018)	138.41549 (15013018)	153.18647 (14110917)	159.32750 (14110917)	153.37502 (14110917)
4215060.6	132.35757 (15013018)	142.05102 (14110917)	150.24012 (14110917)	148.18559 (14110917)	147.21123 (13121808)
4215040.6	132.14599 (14110917)	141.59426 (14110917)	142.16964 (14110917)	134.16054 (13121808)	145.80666 (13121808)
4215020.6	133.67685 (14110917)	136.32799 (14110917)	130.47929 (14110917)	135.39930 (13121808)	140.39456 (13121808)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD
***
INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539045.17	539065.17	539085.17	539105.17	539125.17
4216000.6	97.74058 (15011619)	100.55614 (14120718)	101.76026 (14120718)	104.53222 (16121318)	106.30059 (16012122)
4215980.6	102.10281 (15011617)	104.96520 (15011619)	108.14437 (14120718)	108.25087 (16121318)	112.75457 (16121318)
4215960.6	108.55435 (15011617)	110.06199 (17011717)	113.26312 (14120718)	115.55011 (14120718)	118.84769 (16121318)
4215940.6	113.07189 (15011617)	116.60191 (15011617)	119.11251 (15011619)	123.13890 (14120718)	123.67002 (16121318)

 4215920.6 | 115.42441 (15120918)   123.18251 (15011617)   125.34737 (17011717)   129.02609 (14120718)
132.89797 (14120718)
 4215900.6 | 121.55134 (16121317)   127.00599 (15011617)   134.16921 (15011617)   136.68569 (15011619)
142.05891 (14120718)
 4215880.6 | 129.82123 (14121816)   131.54196 (16121317)   140.47966 (15011617)   145.92982 (15011617)
149.95510 (15011619)
 4215860.6 | 134.90104 (16010420)   146.01468 (14121816)   144.44756 (15120918)   155.55743 (15011617)
159.50364 (17011717)
 4215840.6 | 138.70408 (16010420)   150.56173 (14121816)   164.46508 (14121816)   160.74028 (15011617)
172.30325 (15011617)
 4215820.6 | 136.60045 (16010420)   153.55492 (16010420)   173.31918 (14121816)   186.16878 (14121816)
181.61189 (15011617)
 4215800.6 | 127.92831 (16010420)   151.81068 (16010420)   171.21193 (16010420)   201.50565 (14121816)
211.24299 (14121816)
 4215780.6 | 132.81516 (15120921)   141.94312 (16010420)   170.08916 (16010420)   195.60725 (14121816)
235.52145 (14121816)
 4215760.6 | 141.40296 (13111908)   148.89133 (13111908)   158.73468 (16010420)   192.35006 (16010420)
233.94991 (14121816)
 4215740.6 | 145.08699 (14122218)   157.73824 (13111908)   168.47202 (13111908)   179.09971 (16010420)
219.97490 (16010420)
 4215720.6 | 153.91263 (14112117)   163.56927 (14122218)   177.06036 (13111908)   192.45207 (13111908)
204.24909 (16010420)
 4215700.6 | 159.81201 (14112117)   174.38550 (14112117)   185.10592 (14122218)   200.62681 (16120919)
222.40830 (13111908)
 4215680.6 | 165.05910 (14121608)   179.27911 (14121419)   197.42012 (14112117)   215.43350 (14112117)
232.93516 (14122218)
 4215660.6 | 171.36243 (14010819)   186.00308 (13012606)   203.98992 (14121608)   224.34045 (14121419)
252.02420 (14112117)
 4215640.6 | 179.19220 (15110106)   195.63565 (15110106)   213.37250 (14010819)   234.42455 (13012606)
262.08734 (14121608)
 4215620.6 | 182.66244 (15120719)   201.83021 (13112007)   223.62783 (13112007)   248.88037 (15110106)
277.03334 (13110819)
 4215600.6 | 185.82119 (15110719)   205.42900 (15110719)   227.35147 (14111519)   254.80578 (14111519)
290.00024 (13112007)
 4215580.6 | 191.09877 (15110220)   211.42040 (14111220)   234.96504 (14111220)   262.08937 (14111220)
295.86654 (15120916)
 4215560.6 | 195.03272 (15120817)   216.19637 (15120817)   241.23877 (15120817)   271.31807 (15120817)
308.05985 (15120817)
 4215540.6 | 249.25824 (15110618)   275.58965 (15110618)   306.91719 (15110618)   345.06231 (15110618)
392.76314 (15110618)
 4215520.6 | 287.98060 (15110618)   318.70431 (15110618)   355.15820 (15110618)   399.38217 (15110618)
453.85766 (15110618)
 4215500.6 | 273.46583 (14010718)   302.99043 (13112022)   337.43472 (13112022)   377.60717 (13112022)
424.84597 (13112022)
 4215480.6 | 274.65594 (14121020)   307.09955 (14121020)   342.93942 (14121020)   382.11448 (14121020)
428.19384 (16112720)
 4215460.6 | 273.48920 (16112720)   295.16010 (16112720)   327.35804 (15121208)   360.89258 (13110818)
416.03968 (14012217)
 4215440.6 | 260.17734 (13110818)   290.29654 (14012217)   322.00263 (14012217)   355.20365 (15012818)
380.45900 (15012818)
 4215420.6 | 260.94521 (15012818)   279.92189 (15012818)   291.99035 (15012818)   322.81907 (15110219)
363.49900 (15110219)
 4215400.6 | 291.94836 (16011921)   309.33011 (15111722)   355.79647 (15111722)   309.00699 (15111722)
344.00755 (15122508)
 4215380.6 | 291.95912 (15111722)   319.18954 (15111722)   343.07041 (16123020)   374.10688 (15110619)
320.34966 (17012519)
 4215360.6 | 282.70063 (14122917)   308.11908 (13111119)   330.56240 (15110619)   349.37648 (14122918)
376.55106 (13121819)
 4215340.6 | 276.95457 (13111119)   291.02741 (15110619)   312.75897 (14122918)   335.05061 (13012521)
350.43681 (13012521)
 4215320.6 | 255.79615 (15110619)   279.73721 (14122918)   298.81316 (13012521)   309.58428 (13012521)
321.48180 (15013018)
 4215300.6 | 252.19895 (14122918)   269.44382 (13012521)   275.74648 (13012521)   283.72999 (15013018)
316.87484 (15013018)
 4215280.6 | 245.42381 (13012521)   247.90067 (13012521)   252.96743 (15013018)   283.56122 (15013018)
287.78115 (14110917)
 4215260.6 | 225.25723 (13012521)   228.80589 (16110522)   255.68348 (15013018)   259.54415 (15013018)
285.70891 (14110917)
 4215240.6 | 209.55893 (16110522)   232.78182 (15013018)   239.06457 (15013018)   255.80565 (14110917)

265.43382 (14110917)
 4215220.6 | 214.36326 (15013018)   221.67175 (15013018)   230.53834 (14110917)   245.21971 (14110917)
235.55195 (13121808)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                                INCLUDING SOURCE(S):   LOAD   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
 -
- - - - - - - -

 4215200.6 | 206.82510 (15013018)   208.53423 (14110917)   226.46639 (14110917)   222.48364 (14110917)
229.79850 (13121808)
 4215180.6 | 188.84788 (14110917)   209.27811 (14110917)   210.99642 (14110917)   209.41861 (13121808)
218.18078 (15112508)
 4215160.6 | 193.13450 (14110917)   199.55794 (14110917)   189.12782 (13121808)   202.61908 (13121808)
210.69167 (13111121)
 4215140.6 | 188.00546 (14110917)   181.91878 (14110917)   187.99919 (13121808)   193.97397 (15112508)
199.57287 (13111121)
 4215120.6 | 175.16153 (14110917)   173.18603 (13121808)   180.85082 (13121808)   188.40754 (13111121)
191.24004 (14110418)
 4215100.6 | 158.19863 (13121808)   170.28287 (13121808)   174.73669 (15112508)   179.29829 (13111121)
184.77156 (14110418)
 4215080.6 | 159.08022 (13121808)   162.66296 (13121808)   170.25524 (13111121)   172.41090 (14110418)
175.24143 (14110418)
 4215060.6 | 155.00465 (13121808)   158.89098 (13111121)   162.24852 (13111121)   167.64859 (14110418)
165.13586 (15121718)
 4215040.6 | 148.09281 (15112508)   154.40336 (13111121)   155.69224 (14110418)   159.78210 (14110418)
155.88154 (15111721)
 4215020.6 | 144.26793 (13111121)   146.60575 (13111121)   151.77553 (14110418)   150.87970 (15121718)
151.38887 (14012722)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                                INCLUDING SOURCE(S):   LOAD   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4216000.6 | 109.31585 (14121720)   110.59242 (15010808)   112.81032 (16011117)   115.45617 (16011217)
115.85966 (16011217)

 4215980.6 | 115.38352 (14121720)   117.24992 (15120217)   118.74683 (16011117)   121.15405 (16011217)
123.86463 (16011217)
 4215960.6 | 121.23117 (16012122)   124.70369 (15120217)   126.10779 (15010808)   128.20139 (16011117)
132.30020 (16011217)
 4215940.6 | 128.84458 (16121318)   132.41704 (14121720)   133.92696 (15010808)   137.01302 (16011117)
141.02384 (16011217)
 4215920.6 | 136.84288 (16121318)   139.93827 (14121720)   143.64841 (15120217)   145.71147 (16011117)
149.90511 (16011217)
 4215900.6 | 143.24362 (16121318)   149.22685 (16121318)   153.58583 (14121720)   155.90518 (15010808)
158.84242 (15121807)
 4215880.6 | 155.05234 (14120718)   159.92050 (16121318)   164.37028 (14121720)   167.08607 (15120217)
171.63435 (16011117)
 4215860.6 | 166.21272 (14120718)   168.46520 (16121318)   175.27656 (16121318)   181.59808 (15120217)
185.03883 (16011117)
 4215840.6 | 177.01505 (15011619)   183.92415 (14120718)   190.02337 (16121318)   196.33455 (14121720)
200.24281 (15010808)
 4215820.6 | 190.65272 (15011617)   197.75284 (14120718)   202.23733 (16121318)   216.41851 (15120816)
218.61481 (15120217)
 4215800.6 | 205.80867 (15011617)   212.83873 (17011717)   223.24018 (14120718)   233.17720 (15120816)
247.24623 (15120816)
 4215780.6 | 239.92756 (14121816)   233.66981 (15011617)   241.67185 (15011619)   249.93727 (16121318)
287.62393 (15120816)
 4215760.6 | 278.50745 (14121816)   272.08811 (14121816)   265.28165 (15011617)   279.79095 (14120718)
319.34410 (15120816)
 4215740.6 | 284.57417 (14121816)   331.55988 (14121816)   306.60215 (14121816)   306.98483 (15011619)
332.07044 (15120816)
 4215720.6 | 255.03593 (16010420)   351.32810 (14121816)   401.47468 (14121816)   345.11939 (15011617)
364.51811 (14120718)
 4215700.6 | 237.61021 (16120907)   305.88710 (14121816)   446.85116 (14121816)   489.40624 (14121816)
408.86966 (15011617)
 4215680.6 | 260.42749 (13111908)   282.16243 (15120921)   393.15015 (14121816)   581.44786 (14121816)
592.60223 (14121816)
 4215660.6 | 274.76321 (14122218)   309.58969 (13111908)   343.01348 (13111908)   523.22367 (14121816)
775.31966 (14121816)
 4215640.6 | 294.73890 (14112117)   335.90487 (14112117)   375.24163 (16120919)   432.59893 (13111908)
726.60957 (14121816)
 4215620.6 | 309.89779 (13012606)   356.02619 (14121608)   414.98894 (14112117)   476.76430 (14122218)
567.86417 (13111908)
 4215600.6 | 331.77098 (13112007)   382.40444 (15110106)   440.42026 (14010819)   539.90194 (15120616)
643.10589 (14112117)
 4215580.6 | 349.30012 (15120916)   405.76536 (15120916)   474.29897 (13112007)   575.12983 (15110106)
704.65433 (14010819)
 4215560.6 | 352.94010 (15120817)   413.62751 (15110220)   524.55924 (15120916)   703.76954 (15120916)
944.51208 (15120916)
 4215540.6 | 451.96824 (15110618)   528.33024 (15110618)   628.63169 (15110618)   763.55117 (14012720)
964.46151 (14012720)
 4215520.6 | 522.08802 (15110618)   608.29329 (15110618)   719.26938 (15110618)   865.09640 (14010718)
1098.46086 (13112022)
 4215500.6 | 498.55163 (14121020)   592.34722 (14121020)   702.89551 (14121020)   837.23835 (16112720)
1056.63686 (14012217)
 4215480.6 | 484.42995 (15121208)   558.45899 (14012217)   674.47722 (14012217)   786.07815 (15012818)
930.26219 (15110219)
 4215460.6 | 472.85153 (15012818)   524.28885 (15012818)   597.62307 (15110219)   704.87624 (15111722)
842.17454 (15110619)
 4215440.6 | 425.07207 (15110219)   487.34390 (15111722)   558.60707 (15122508)   640.07372 (17012519)
739.98721 (13012521)
 4215420.6 | 404.82679 (15122508)   453.79236 (15110619)   518.91526 (14012820)   576.74421 (16110522)
661.50944 (13122017)
 4215400.6 | 375.24334 (15110619)   429.61177 (14012820)   468.73362 (16110522)   525.02323 (13122017)
592.45847 (14110917)
 4215380.6 | 361.86745 (14012820)   390.45807 (16110522)   429.54063 (13122017)   468.59823 (14110917)
516.48261 (14110917)
 4215360.6 | 331.98606 (16110522)   359.77594 (13122017)   378.92073 (14110917)   433.70175 (14110917)
454.64333 (16110521)
 4215340.6 | 366.62708 (15013018)   326.19994 (13122017)   366.06555 (14110917)   373.05042 (16112108)
398.35865 (16110521)
 4215320.6 | 356.10577 (15013018)   381.91421 (14110917)   325.59423 (14110917)   346.67440 (16110521)
362.28662 (16121307)
 4215300.6 | 330.59179 (14110917)   356.31023 (14110917)   295.39424 (16110521)   306.72835 (16110521)

326.27691 (16121307)
 4215280.6 | 320.11856 (14110917)   311.96692 (13121808)   331.97995 (15112508)   285.19833 (16121307)
299.51122 (14122408)
 4215260.6 | 287.33122 (14110917)   298.27756 (13121808)   312.97035 (13111121)   262.29747 (16121307)
274.17472 (14111418)
 4215240.6 | 266.05100 (13121808)   281.88719 (13111121)   293.25241 (14110418)   242.02607 (14122408)
247.94309 (15121922)
 4215220.6 | 250.76316 (13121808)   264.98606 (13111121)   275.29323 (14110418)   224.96401 (14111418)
227.45502 (16122408)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
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- - - - - - - -

 4215200.6 | 240.92699 (13111121)   249.54656 (14110418)   251.91371 (15121718)   254.92426 (14012722)
212.43273 (16122408)
 4215180.6 | 227.70842 (13111121)   237.08432 (14110418)   234.77714 (14012722)   240.32734 (16112721)
197.37335 (16113007)
 4215160.6 | 215.81918 (14110418)   219.19693 (15121718)   222.29612 (14012722)   224.56454 (16112721)
185.89668 (16113007)
 4215140.6 | 206.94535 (14110418)   203.17912 (15111721)   207.66729 (16112721)   211.50277 (15110620)
216.82006 (14110821)
 4215120.6 | 193.85757 (14110418)   194.24697 (14012722)   198.16851 (16112721)   201.40154 (14112820)
202.62584 (14110821)
 4215100.6 | 181.50016 (15121718)   184.60535 (14012722)   186.15659 (16112721)   191.16138 (14112820)
195.04556 (16110617)
 4215080.6 | 172.81362 (14012722)   174.60961 (16112721)   176.63042 (15110620)   181.68766 (14110821)
187.59649 (16110617)
 4215060.6 | 166.56404 (14012722)   166.85312 (16112721)   168.51281 (14112820)   172.40300 (14110821)
179.11328 (16110617)
 4215040.6 | 158.42445 (14012722)   158.87695 (16112721)   162.29384 (14112820)   163.28024 (14110821)
170.93968 (16110617)
 4215020.6 | 152.05835 (16112721)   152.03589 (15110620)   155.84857 (14110821)   157.91050 (16110617)
163.13868 (16110617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17

539325.17
- -
- - - - - - - -

4216000.6 | 117.55052 (16011818) 117.80509 (16010219) 118.20408 (16010221) 111.99509 (16011017)
111.06877 (16011017)
4215980.6 | 125.15461 (16011818) 125.11564 (16010219) 125.89736 (16010221) 119.81465 (16010221)
118.23540 (16011017)
4215960.6 | 133.34697 (16011818) 133.12990 (16010219) 134.36590 (16010221) 128.63424 (16010221)
126.22474 (16011017)
4215940.6 | 142.01278 (16011818) 141.79248 (16010219) 143.71228 (16010221) 138.52469 (16010221)
135.10063 (16011017)
4215920.6 | 151.10753 (16011818) 152.01492 (16011818) 154.05437 (16010221) 149.67216 (16010221)
145.18162 (16011017)
4215900.6 | 163.31035 (16011217) 164.91740 (16011818) 165.52701 (16010221) 162.30562 (16010221)
156.61211 (16011017)
4215880.6 | 177.24561 (16011217) 179.09718 (16011818) 178.94345 (16010219) 176.54354 (16010221)
169.55925 (16011017)
4215860.6 | 191.85143 (16011217) 194.62376 (16011818) 194.75502 (16010219) 192.66903 (16010221)
184.32345 (16011017)
4215840.6 | 206.96857 (16011217) 211.31987 (16011818) 212.35471 (16010219) 211.47970 (16010221)
201.42178 (16011017)
4215820.6 | 224.62097 (16011117) 230.53755 (16011217) 232.42917 (16010219) 233.08764 (16010221)
221.58571 (16011017)
4215800.6 | 247.07788 (16011117) 256.31412 (16011217) 256.48178 (16011818) 258.70561 (16010221)
245.24659 (16011017)
4215780.6 | 272.20180 (15010808) 284.45051 (16011217) 288.58058 (16011818) 289.41875 (16010221)
274.06344 (16011017)
4215760.6 | 324.76608 (15120816) 314.40363 (16011217) 325.35492 (16011818) 326.21571 (16010221)
309.44467 (16011017)
4215740.6 | 398.12712 (15120816) 354.85254 (16011117) 367.63877 (16011818) 370.79063 (16010221)
352.99939 (16011017)
4215720.6 | 463.46041 (15120816) 436.25726 (15120816) 423.78111 (16011217) 426.78292 (16010219)
408.11843 (16011017)
4215700.6 | 497.15860 (15120816) 580.61587 (15120816) 492.29568 (16011217) 500.78198 (16112608)
479.65385 (16011017)
4215680.6 | 503.55785 (14120718) 728.59200 (15120816) 587.69419 (15120816) 595.46879 (16011818)
574.94964 (16011017)
4215660.6 | 703.73397 (14121816) 817.13511 (15120816) 898.80249 (15120816) 731.84951 (16011818)
706.07118 (16011017)
4215640.6 | 1070.27619 (14121816) 785.31413 (14121816) 1299.89411 (15120816) 924.02603 (16011217)
903.48613 (13110518)
4215620.6 | 1071.19624 (14121816) 1530.88021 (14121816) 1591.11687 (15120816) 1400.09492 (15120816)
1216.81233 (13110518)
4215600.6 | 786.43674 (13111908) 1733.45563 (14121816) 2158.27283 (14121816) 2758.37035 (15120816)
1751.72093 (13110518)
4215580.6 | 1031.26214 (15120616) 1232.78487 (14121811) 3147.14141 (14121816) 4026.97445 (15120816)
2971.72306 (15112809)
4215560.6 | 1216.49947 (15120916) 1417.46402 (15120616) 2615.16101 (15120616) 6216.11998 (14121816)
4987.86633 (13110518)
4215540.6 | 1269.59450 (14012720) 1758.96678 (14012720) 3114.66482 (15120916) 6212.07381 (15120916)
5425.17697 (14062821)
4215520.6 | 1440.10858 (13112022) 2025.81762 (16011321) 3202.90006 (14012217) 5332.30461 (17011216)
8540.62322 (16060619)
4215500.6 | 1382.66540 (14012217) 1935.34323 (17011216) 2477.80944 (14122918) 3622.39893 (14110917)
4204.70270 (15110419)
4215480.6 | 1187.39485 (17011216) 1481.91589 (13012521) 1944.20496 (14110917) 2330.13463 (14110418)
2507.82331 (17010220)
4215460.6 | 1009.59669 (14012820) 1210.45043 (15013018) 1420.37512 (16110521) 1628.18604 (14112820)
1699.87024 (16111319)
4215440.6 | 867.76769 (13122017) 1020.99669 (14110917) 1130.91966 (14110418) 1271.30785 (16110617)
1262.41645 (15121818)
4215420.6 | 768.12925 (14110917) 824.16742 (16110521) 900.13121 (14111418) 1005.78393 (16110617)
983.02223 (15121818)
4215400.6 | 630.64422 (16110521) 693.44989 (14110418) 732.10477 (16122408) 800.96795 (16110617)
794.25642 (13111220)
4215380.6 | 549.31621 (16110521) 590.72249 (14122408) 624.30809 (16113007) 648.32665 (16111218)
660.52993 (13111220)
4215360.6 | 482.15754 (16121307) 510.57260 (14111418) 547.18146 (16110617) 556.85416 (16111218)

560.84309 (13111220)
 4215340.6 | 423.90150 (14122408)   441.32461 (16122408)   482.58595 (16110617)   481.88512 (16111218)
484.22469 (13111220)
 4215320.6 | 382.28132 (14111418)   393.03914 (16113007)   424.12642 (16110617)   421.52291 (16111218)
423.83908 (13111220)
 4215300.6 | 340.50556 (14111418)   356.96306 (13110719)   372.93336 (16110617)   371.30353 (16111218)
375.24151 (13111220)
 4215280.6 | 305.47580 (16122408)   323.85710 (13110719)   328.44445 (16110617)   333.02465 (16111319)
335.43482 (13111220)
 4215260.6 | 280.41171 (16122408)   298.00307 (16110617)   291.68803 (16111218)   301.64706 (16111319)
302.07435 (13111220)
 4215240.6 | 258.40169 (16113007)   273.31435 (16110617)   268.35808 (16111218)   274.68317 (16111319)
274.22241 (13111220)
 4215220.6 | 239.87146 (13110719)   249.91495 (16110617)   247.25700 (16111218)   251.34858 (16111319)
250.49188 (13111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                                INCLUDING SOURCE(S):   LOAD   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4215200.6 | 222.48502 (13110719)   228.25098 (16110617)   228.23077 (16111218)   231.01947 (16111319)
230.07115 (13111220)
 4215180.6 | 207.82620 (16110617)   208.40505 (16110617)   211.09332 (16111218)   213.19738 (16111319)
212.34352 (13111220)
 4215160.6 | 194.93122 (16110617)   190.34700 (16110617)   195.65342 (16111218)   197.48151 (16111319)
196.68497 (13111220)
 4215140.6 | 182.23977 (16110617)   174.86700 (16111218)   181.72813 (16111218)   183.68246 (16111319)
183.29812 (13111220)
 4215120.6 | 211.45663 (16110617)   200.33247 (16121208)   169.26987 (16111218)   171.37404 (16111319)
171.40188 (13111220)
 4215100.6 | 198.32438 (16110617)   186.68708 (16121208)   193.78877 (15110419)   160.45086 (16111319)
160.67005 (13111220)
 4215080.6 | 185.60494 (16110617)   176.56766 (15110419)   182.71595 (15110419)   150.60880 (16111319)
151.13521 (13111220)
 4215060.6 | 173.40738 (16110617)   169.75897 (15110419)   172.52972 (15110419)   141.85854 (15121818)
142.53235 (13111220)
 4215040.6 | 164.58083 (16121208)   163.20816 (15110419)   164.19026 (17010220)   162.06019 (15112306)
134.58886 (13111220)
 4215020.6 | 157.03037 (16121208)   156.92480 (15110419)   156.74415 (17010220)   154.95150 (15112306)
153.96433 (17012706)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                                INCLUDING SOURCE(S):   LOAD   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539345.17	539365.17	539385.17	539405.17	539425.17
4216000.6	113.47281 (16010617)	110.09296 (14120121)	110.09736 (13110618)	109.62807 (13110118)	108.72412 (16110818)
4215980.6	120.61740 (16010617)	117.10728 (13110618)	116.50085 (13110618)	116.29018 (16110818)	114.69859 (16110818)
4215960.6	128.63238 (16010617)	125.20377 (13110618)	123.85907 (13110118)	124.32039 (16110818)	121.50318 (16110719)
4215940.6	137.50681 (16010617)	134.19951 (13110618)	132.89449 (13110118)	133.07293 (16110818)	129.96665 (16110418)
4215920.6	147.46795 (16010617)	144.09653 (13110618)	142.82056 (13110118)	142.31819 (16110818)	139.18439 (16110418)
4215900.6	158.71243 (16010617)	155.31121 (13110618)	153.72722 (13110118)	152.30787 (16110818)	149.17968 (16110318)
4215880.6	171.48499 (16010617)	167.91675 (13110618)	166.07133 (13110118)	163.13712 (16110719)	160.19728 (16110318)
4215860.6	186.09364 (16010617)	182.34235 (13110618)	180.46088 (16110818)	176.63593 (16110418)	171.50970 (14010518)
4215840.6	202.93063 (16010617)	198.49705 (13110618)	197.85030 (16110818)	192.77942 (16110418)	185.79099 (15111318)
4215820.6	222.50213 (16010617)	217.14017 (13110618)	217.20606 (16110818)	210.59807 (16110318)	201.69379 (14120822)
4215800.6	245.47091 (16010617)	240.75484 (13110118)	238.62064 (16110818)	230.43545 (16110318)	222.45828 (14120822)
4215780.6	272.97089 (16010617)	269.58556 (13110118)	263.24012 (16110418)	253.53055 (15111318)	248.19112 (15112117)
4215760.6	306.33074 (16010617)	303.83073 (13110118)	296.59961 (16110418)	282.08797 (14120706)	274.03114 (15112117)
4215740.6	347.85319 (13110618)	346.68959 (16110818)	335.19090 (16110318)	320.08106 (15112117)	302.31718 (16011622)
4215720.6	403.33900 (13110618)	399.97474 (16110818)	378.56815 (14010518)	366.23844 (15112117)	338.54267 (16111007)
4215700.6	474.36495 (13110618)	462.74505 (16110818)	437.97895 (14120706)	411.97459 (15011318)	383.38568 (14112519)
4215680.6	566.35279 (13110618)	548.36820 (16110418)	520.21016 (15112117)	474.24035 (16111007)	440.41197 (14120918)
4215660.6	689.94609 (13110118)	661.19170 (16110318)	629.75639 (13112109)	555.84867 (13111118)	506.34203 (13111717)
4215640.6	875.20754 (13110118)	832.15944 (13112109)	752.06574 (13112109)	656.57374 (13111717)	593.56894 (16110917)
4215620.6	1158.28276 (16110818)	1267.48750 (13112109)	915.57611 (14120918)	799.36988 (16110917)	705.02235 (14110817)
4215600.6	1612.61817 (16110719)	1660.14059 (13112109)	1301.85129 (13010516)	989.07253 (14110817)	773.92473 (13011217)
4215580.6	3328.45398 (13112109)	2485.20753 (13010516)	1516.51117 (14110817)	1109.21452 (15010317)	905.88973 (13110917)
4215560.6	4312.28880 (13010516)	2971.88735 (14081207)	2168.70205 (17010909)	1557.21575 (17010909)	947.13754 (17010909)
4215540.6	6882.56918 (13073007)	3281.05430 (16120520)	1983.88463 (16120520)	1337.48230 (13111206)	989.66560 (13111206)
4215520.6	6793.99626 (16032418)	4289.32991 (14021217)	2432.33916 (14021217)	1347.75798 (15111417)	969.66403 (15111417)
4215500.6	3985.67646 (14110717)	3034.30812 (16032418)	1847.01708 (15121216)	1569.00808 (15121216)	983.26544 (14021217)
4215480.6	2493.51042 (15012109)	2015.93578 (14013006)	1509.71400 (16032418)	1019.11080 (16112806)	877.58967 (15121216)
4215460.6	1713.07470 (15012109)	1584.03217 (14110717)	1217.63844 (16111220)	898.02382 (16032418)	709.00166 (17010206)
4215440.6	1285.13466 (14110908)	1168.55127 (16110820)	1068.75735 (14110717)	803.93739 (16111220)	627.86207 (16110219)
4215420.6	1000.62219 (14110908)	930.87769 (15012109)	889.75358 (14110717)	777.02703 (16111220)	

565.13656 (16111220)
 4215400.6 | 797.19324 (14110908)   781.10520 (15012109)   721.75232 (16111419)   685.49971 (14110717)
590.75499 (16111220)
 4215380.6 | 648.30929 (14110908)   645.69744 (15012109)   619.88091 (16110820)   590.61733 (14110717)
535.79933 (16111418)
 4215360.6 | 550.51257 (13010807)   544.31573 (14122407)   529.15644 (16112022)   507.02367 (16111419)
487.32018 (14110717)
 4215340.6 | 476.03686 (13010807)   476.09297 (14110908)   465.40293 (14120620)   443.69977 (16110820)
429.49430 (14110717)
 4215320.6 | 415.94427 (13010807)   421.66690 (14110908)   412.60457 (15012109)   398.37241 (16110820)
380.43620 (16111419)
 4215300.6 | 366.75219 (13010807)   374.61950 (14110908)   363.22142 (15012109)   353.18742 (16112022)
339.44800 (13111221)
 4215280.6 | 326.46701 (13010807)   333.99089 (14110908)   325.77111 (14122407)   319.41580 (14120620)
310.59121 (16110820)
 4215260.6 | 294.14133 (15110517)   298.93395 (14110908)   292.83077 (17123121)   290.87120 (15012109)
283.49613 (16110820)
 4215240.6 | 267.78035 (15110517)   268.63354 (14110908)   267.09004 (17123121)   265.72136 (15012109)
257.65692 (16112022)
 4215220.6 | 245.12560 (15110517)   242.25781 (14110908)   245.91929 (14110908)   241.44394 (15012109)
236.94031 (14120620)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
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- - - - - - - -

 4215200.6 | 225.49370 (15110517)   222.74201 (13010807)   227.77899 (14110908)   223.16106 (14122407)
220.74580 (14120620)
 4215180.6 | 208.20732 (15110517)   206.63743 (13010807)   211.01977 (14110908)   205.74345 (14122407)
204.79796 (15012109)
 4215160.6 | 193.15299 (15110517)   192.19749 (13010807)   195.62150 (14110908)   190.65397 (17123121)
190.39844 (15012109)
 4215140.6 | 179.95594 (15110517)   179.21556 (13010807)   181.52046 (14110908)   178.21998 (17123121)
176.21491 (14122407)
 4215120.6 | 168.20602 (15110517)   167.61420 (13010807)   168.63087 (14110908)   166.41848 (17123121)
165.77141 (14122407)
 4215100.6 | 157.69085 (15110517)   157.11605 (13010807)   156.85802 (14110908)   157.32039 (14110908)
155.49900 (14122407)
 4215080.6 | 148.32194 (15110517)   147.50556 (13010807)   146.10596 (14110908)   148.77360 (14110908)
145.48266 (14122407)
 4215060.6 | 139.77630 (15110517)   138.84440 (13010807)   136.28194 (14110908)   140.64509 (14110908)
137.40625 (17123121)
 4215040.6 | 131.95739 (15110517)   130.94151 (13010807)   128.54998 (13010807)   132.99518 (14110908)
130.33540 (17123121)
 4215020.6 | 154.48487 (13111822)   123.71168 (13010807)   122.50801 (13010807)   125.81512 (14110908)
123.48973 (17123121)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539445.17	539465.17	539485.17	539505.17	539525.17
4216000.6	106.70495 (16110418)	103.83947 (14010518)	101.51859 (14120421)	100.82407 (15112117)	99.10172 (15112117)
4215980.6	113.02077 (16110318)	109.99422 (15111318)	107.88822 (14120822)	107.28808 (15112117)	102.78930 (15112117)
4215960.6	119.97308 (16110318)	116.25056 (14120421)	114.56850 (14120822)	113.32124 (15112117)	108.06992 (15011318)
4215940.6	127.07873 (16110318)	123.43833 (14120421)	122.80937 (15112117)	118.62265 (15112117)	114.93889 (16011622)
4215920.6	135.14812 (15111318)	132.51608 (14120706)	131.18690 (15112117)	124.97163 (15011318)	121.25115 (16111007)
4215900.6	144.39190 (15111318)	142.09342 (15112117)	138.80208 (15112117)	133.48442 (16011622)	128.70556 (14122020)
4215880.6	154.43913 (14120421)	153.75060 (15112117)	146.62802 (15011318)	141.60268 (16111007)	136.86958 (14122020)
4215860.6	167.69802 (14120822)	164.80176 (15112117)	157.38347 (16011622)	151.33893 (14122020)	146.00279 (13111118)
4215840.6	182.71297 (15112117)	174.77492 (15011318)	168.15370 (16111007)	161.77243 (14112519)	155.62226 (15010819)
4215820.6	199.39747 (15112117)	188.92732 (16011622)	181.29692 (14122020)	173.45847 (13111118)	167.08595 (14120918)
4215800.6	214.54716 (15112117)	203.71042 (16111007)	195.56233 (13111118)	187.90041 (14120918)	178.13244 (14111720)
4215780.6	234.10426 (16011622)	223.05005 (14122020)	212.02301 (15010819)	200.50385 (14111720)	192.65360 (13111717)
4215760.6	256.80215 (16111007)	243.91787 (13111118)	231.71210 (14120918)	220.05830 (13111717)	205.16240 (15010117)
4215740.6	284.70148 (17013118)	269.48099 (14120918)	253.69235 (13111717)	235.67275 (14111722)	229.13622 (16110917)
4215720.6	316.34758 (15011907)	295.40298 (13111717)	275.32231 (14111722)	264.98635 (16110917)	248.30768 (14110817)
4215700.6	355.44420 (14120918)	328.31095 (14120118)	311.63571 (16110917)	290.28825 (14110817)	264.53597 (14110817)
4215680.6	401.92990 (13111717)	374.32252 (16110917)	346.19116 (14110817)	307.94979 (14110817)	270.74428 (15112917)
4215660.6	463.29318 (16110917)	423.49454 (14110817)	365.05937 (14110817)	322.63041 (13122217)	290.55704 (13011217)
4215640.6	534.96822 (14110817)	443.47997 (15120117)	394.06746 (13011217)	346.13530 (16011919)	309.42106 (16012718)
4215620.6	568.31927 (13122217)	487.40835 (13011217)	425.82831 (16012718)	383.19432 (13110917)	341.67021 (13110917)
4215600.6	639.29718 (16012718)	555.92002 (13110917)	474.22625 (13110917)	398.23638 (13122417)	340.01368 (13122417)
4215580.6	744.80498 (17010909)	580.37234 (17010909)	473.09353 (13120417)	405.40183 (15122322)	353.97071 (15122322)
4215560.6	736.30335 (15122322)	588.09124 (15122322)	478.07350 (16120520)	411.41025 (16120520)	357.87079 (16120520)
4215540.6	768.08464 (13111206)	617.94850 (13111206)	511.31564 (13111206)	432.12589 (13111206)	370.46399 (13111206)
4215520.6	753.47764 (13111818)	613.79371 (13111818)	511.30647 (13111818)	433.48815 (13111818)	373.63241 (13110318)
4215500.6	737.46406 (16012517)	595.36893 (16012517)	501.74956 (15111417)	426.41998 (15111417)	364.78809 (15111417)
4215480.6	754.04534 (15121216)	559.55432 (14010920)	470.10351 (14010920)	409.55758 (16012517)	

357.99815 (16012517)
 4215460.6 | 594.58606 (16112806)   519.64727 (15110121)   447.44516 (15110121)   383.61343 (14010920)
341.52556 (14010920)
 4215440.6 | 527.94319 (17010206)   470.31852 (16112806)   394.44789 (15110121)   367.28639 (15110121)
325.66205 (15110121)
 4215420.6 | 483.40496 (16110219)   413.71914 (14012919)   377.28161 (16112806)   333.39157 (16112806)
296.55609 (15110121)
 4215400.6 | 432.71444 (13112817)   387.35652 (16110219)   340.79192 (14012919)   310.67371 (17010206)
284.53829 (16112806)
 4215380.6 | 456.90223 (16111220)   350.64354 (13112817)   319.81625 (16110219)   287.17792 (14012919)
261.88700 (17010206)
 4215360.6 | 440.54150 (16111220)   360.19960 (16111220)   291.39273 (13112817)   270.23904 (16110219)
246.29393 (14012919)
 4215340.6 | 399.35487 (16111418)   364.04993 (16111220)   289.47816 (16111220)   247.95270 (14012921)
232.49204 (16110219)
 4215320.6 | 369.44196 (14110717)   338.64674 (16111220)   302.94336 (16111220)   236.32415 (16111220)
214.26261 (14012921)
 4215300.6 | 330.91197 (14110717)   310.68606 (16111418)   293.68732 (16111220)   253.83990 (16111220)
203.79566 (13112817)
 4215280.6 | 298.60480 (16111419)   292.85334 (14110717)   272.72381 (16111418)   254.12420 (16111220)
214.47169 (16111220)
 4215260.6 | 272.44120 (16111419)   265.46616 (14110717)   254.10614 (14110717)   240.70654 (16111220)
220.24528 (16111220)
 4215240.6 | 248.93667 (16110820)   242.77385 (16111419)   240.05684 (14110717)   225.74507 (16111418)
214.66385 (16111220)
 4215220.6 | 233.57937 (16110820)   225.93275 (16111419)   219.83542 (14110717)   213.03713 (14110717)
201.76394 (16111418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
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 4215200.6 | 215.98696 (16110820)   208.02683 (13111221)   203.31301 (15120707)   201.70266 (14110717)
190.37320 (16111418)
 4215180.6 | 199.58383 (16112022)   195.61400 (16110820)   191.42037 (16111419)   186.06298 (14110717)
181.94966 (14110717)
 4215160.6 | 185.78384 (16112022)   184.57365 (16110820)   177.95293 (13111221)   173.65757 (15120707)
172.61369 (14110717)
 4215140.6 | 175.31607 (14120620)   172.02097 (16110820)   165.88113 (16110820)   164.67431 (16111419)
160.29618 (14110717)
 4215120.6 | 164.58884 (14120620)   160.85050 (16112022)   158.85720 (16110820)   154.44758 (16111419)
150.68063 (15120707)
 4215100.6 | 154.67898 (15012109)   151.26347 (16112022)   150.50691 (16110820)   144.94465 (13111221)
143.72974 (16111419)
 4215080.6 | 145.40588 (15012109)   143.47774 (14120620)   141.24439 (16110820)   138.04174 (16110820)
136.17727 (16111419)
 4215060.6 | 136.26606 (14122407)   136.32959 (14120620)   133.34677 (16112022)   132.47015 (16110820)
128.50395 (13111221)
 4215040.6 | 129.64736 (14122407)   128.91115 (14120620)   126.44383 (16112022)   125.94655 (16110820)
120.97787 (16110820)
 4215020.6 | 123.08865 (14122407)   122.38861 (15012109)   120.28127 (14120620)   118.84935 (16110820)
117.26885 (16110820)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): LOAD ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539545.17	539565.17	539585.17	539605.17	539625.17
4216000.6	95.04702 (16011622)	92.99115 (16111007)	91.15637 (14122020)	88.83500 (13111118)	86.08525 (15010819)
4215980.6	100.57553 (16011622)	97.43461 (14122020)	95.06715 (14112519)	92.53658 (13111118)	90.54319 (14120918)
4215960.6	105.42039 (16111007)	103.02765 (14122020)	100.12025 (13111118)	97.07940 (14120918)	94.08902 (14120918)
4215940.6	111.09042 (14122020)	108.01705 (13111118)	104.56298 (15010819)	102.13108 (14120918)	97.86541 (14111720)
4215920.6	117.82601 (14122020)	113.93995 (13111118)	110.71943 (14120918)	105.46251 (16121408)	103.84931 (13111717)
4215900.6	124.63556 (13111118)	120.03545 (14120918)	115.74900 (14120918)	112.48812 (13111717)	108.02107 (13111717)
4215880.6	131.60238 (15011907)	127.60102 (14120918)	122.30534 (13111717)	118.42524 (13111717)	112.75227 (15010117)
4215860.6	140.90036 (14120918)	133.94604 (14111720)	130.34962 (13111717)	123.32981 (15010117)	118.82651 (16110917)
4215840.6	148.65739 (14120918)	144.07951 (13111717)	136.09736 (14111722)	130.10290 (16110917)	129.46801 (16110917)
4215820.6	159.95536 (13111717)	151.58960 (14120118)	143.30027 (16110917)	142.75550 (16110917)	135.46214 (16110917)
4215800.6	170.18129 (14120118)	160.08849 (15010117)	158.39922 (16110917)	149.84150 (16110917)	144.27011 (14110817)
4215780.6	180.42402 (15010117)	177.36269 (16110917)	167.22935 (14110817)	160.13083 (14110817)	146.67753 (14110817)
4215760.6	200.52663 (16110917)	188.73276 (14110817)	179.07072 (14110817)	161.82021 (14110817)	149.27331 (15112917)
4215740.6	215.10429 (14110817)	201.98199 (14110817)	179.55979 (14110817)	166.81203 (15112917)	157.78045 (13011217)
4215720.6	230.11034 (14110817)	203.25020 (15120117)	188.63559 (13122217)	177.19838 (13011217)	162.47703 (15010317)
4215700.6	233.17846 (15120117)	216.14293 (13011217)	199.16378 (13011217)	183.30885 (16011919)	171.27996 (16012718)
4215680.6	250.31732 (13011217)	225.87683 (15010317)	208.76057 (16012718)	191.03160 (16113019)	181.94769 (13110917)
4215660.6	263.37417 (16011919)	238.46667 (16012718)	223.97962 (13110917)	209.05713 (13110917)	191.63593 (13110917)
4215640.6	285.90549 (13110917)	261.98677 (13110917)	234.83358 (13110917)	210.07177 (13122417)	190.90197 (13122417)
4215620.6	297.22646 (13110917)	263.05783 (13122417)	231.98008 (13122417)	207.88345 (13120417)	191.10671 (13120417)
4215600.6	296.30963 (13120417)	264.30810 (13120417)	237.90284 (15122322)	216.53267 (15122322)	197.05491 (15122322)
4215580.6	308.71062 (15122322)	269.93992 (15122322)	236.91072 (15122322)	210.03269 (16120520)	193.48075 (16120520)
4215560.6	314.01308 (16120520)	277.93016 (16120520)	248.12319 (16120520)	222.85308 (16120520)	202.78174 (13111206)
4215540.6	321.98584 (13111206)	283.27359 (13111206)	252.36161 (15122507)	226.75846 (15122507)	

205.26654 (15122507)
 4215520.6 | 325.60526 (13110318)   287.25267 (13110318)   255.52364 (13110318)   229.16537 (13110318)
207.26174 (13111808)
 4215500.6 | 314.28754 (15111417)   273.94671 (16012518)   246.67537 (13111818)   224.27550 (13111818)
204.99725 (13111818)
 4215480.6 | 314.18680 (15111920)   280.17124 (15111417)   251.94921 (15111417)   226.90520 (15111417)
204.55865 (15111417)
 4215460.6 | 298.42449 (14010920)   269.97138 (16012517)   245.19136 (16012517)   221.37879 (16012517)
201.56523 (15111920)
 4215440.6 | 282.56372 (14010920)   260.74001 (14010920)   236.23729 (14010920)   211.09439 (13111506)
195.58731 (13111506)
 4215420.6 | 277.95715 (15110121)   251.37154 (15110121)   221.63775 (15110121)   206.56164 (14010920)
191.48781 (14010920)
 4215400.6 | 248.77593 (16112806)   233.65550 (15110121)   220.30393 (15110121)   202.02642 (15110121)
181.41275 (15110121)
 4215380.6 | 244.06917 (16112806)   221.32416 (16112806)   195.15243 (15110121)   190.39083 (15110121)
180.45374 (15110121)
 4215360.6 | 223.65538 (17010206)   210.64993 (16112806)   196.60477 (16112806)   176.72358 (16112806)
163.35673 (15110121)
 4215340.6 | 214.30910 (14012919)   193.19919 (17010206)   185.12582 (17010206)   174.86698 (16112806)
161.17220 (16112806)
 4215320.6 | 202.91748 (16110219)   188.69464 (14012919)   169.42525 (14012919)   164.27591 (17010206)
155.98141 (16112806)
 4215300.6 | 187.55381 (14012921)   179.22536 (16110219)   167.85279 (14012919)   152.79213 (14012919)
146.64807 (17010206)
 4215280.6 | 180.09699 (13112817)   166.67106 (17012308)   159.95750 (16110219)   150.67980 (14012919)
138.68789 (14012919)
 4215260.6 | 182.58105 (16111220)   160.53506 (13112817)   149.48736 (17012308)   143.98686 (16110219)
136.27562 (14012919)
 4215240.6 | 191.35715 (16111220)   156.64721 (16111220)   144.16640 (13112817)   135.10632 (17012308)
130.57881 (16110219)
 4215220.6 | 190.93561 (16111220)   166.91552 (16111220)   136.94193 (13112817)   130.30856 (13112817)
122.92503 (17012308)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4215200.6 | 182.94690 (16111220)   169.82353 (16111220)   146.14434 (16111220)   125.04217 (13112817)
118.76598 (14012921)
 4215180.6 | 173.47373 (16111418)   166.16769 (16111220)   151.13134 (16111220)   128.52006 (16111220)
114.66924 (13112817)
 4215160.6 | 162.94794 (16111418)   157.42948 (16111220)   150.62063 (16111220)   134.74446 (16111220)
113.46446 (16111220)
 4215140.6 | 157.85995 (14110717)   150.95547 (16111418)   145.54190 (16111220)   136.41702 (16111220)
120.39978 (16111220)
 4215120.6 | 150.15019 (14110717)   142.87821 (14110717)   138.83692 (16111418)   134.01929 (16111220)
123.55087 (16111220)
 4215100.6 | 140.14747 (14110717)   138.81871 (14110717)   132.77585 (16111418)   128.26780 (16111220)
123.14398 (16111220)
 4215080.6 | 132.56612 (15120707)   132.29636 (14110717)   127.04011 (14110717)   123.57242 (16111418)
119.66315 (16111220)

 4215060.6 | 126.95855 (16111419)   123.99531 (14110717)   123.33848 (14110717)   117.76567 (16111418)
114.39308 (16111418)
 4215040.6 | 121.13256 (16111419)   117.80267 (15120707)   117.72415 (14110717)   113.88693 (14110717)
110.67574 (16111418)
 4215020.6 | 114.72618 (13111221)   113.09531 (16111419)   110.73366 (14110717)   110.51304 (14110717)
105.18356 (16111418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4216000.6 | 84.27365 (14120918)   80.80929 (14111720)   79.88637 (13111717)   77.15604 (13111717)
74.45627 (15010117)
 4215980.6 | 86.79340 (14120918)   85.32608 (13111717)   82.88617 (13111717)   79.51404 (14111722)
77.02052 (15010117)
 4215960.6 | 91.18506 (13111717)   89.17700 (13111717)   85.18826 (14111722)   82.61569 (15010117)
81.49925 (16110917)
 4215940.6 | 96.16017 (13111717)   91.78403 (14120118)   88.77106 (15010117)   87.16002 (16110917)
86.57058 (16110917)
 4215920.6 | 99.36151 (14120118)   95.70206 (15010117)   93.52512 (16110917)   92.92266 (16110917)
89.51165 (16110917)
 4215900.6 | 103.62790 (15010117)   100.72462 (16110917)   100.03946 (16110917)   96.24480 (16110917)
93.72032 (14110817)
 4215880.6 | 109.18976 (16110917)   108.41184 (16110917)   103.89507 (16110917)   101.02616 (14110817)
96.77353 (14110817)
 4215860.6 | 118.14952 (16110917)   112.83634 (16110917)   109.50911 (14110817)   104.18037 (14110817)
96.36158 (14110817)
 4215840.6 | 123.27502 (16110917)   119.34233 (14110817)   112.64502 (14110817)   103.18034 (14110817)
98.26995 (15120117)
 4215820.6 | 130.83604 (14110817)   122.38179 (14110817)   111.65633 (15120117)   106.39563 (15112917)
101.65916 (13122217)
 4215800.6 | 133.65692 (14110817)   122.53518 (15120117)   116.04520 (15112917)   110.83449 (13122217)
106.07510 (13011217)
 4215780.6 | 134.89326 (15120117)   127.17825 (13122217)   121.75209 (13011217)   115.03402 (13011217)
107.99884 (15010317)
 4215760.6 | 141.20210 (13122217)   134.05544 (13011217)   124.54645 (13011217)   118.09369 (15010317)
111.94009 (16012718)
 4215740.6 | 147.56852 (13011217)   137.50139 (15010317)   129.69994 (16011919)   122.52466 (16012718)
115.15635 (14120318)
 4215720.6 | 152.93696 (16011919)   143.51859 (16012718)   133.83513 (14120318)   128.93279 (13110917)
124.07143 (13110917)
 4215700.6 | 158.09205 (16113019)   151.60841 (13110917)   144.79326 (13110917)   136.40262 (13110917)
126.99649 (13110917)
 4215680.6 | 172.07250 (13110917)   160.06617 (13110917)   147.11289 (13110917)   135.78618 (13122417)
126.90777 (13122417)
 4215660.6 | 173.02643 (13110917)   159.65529 (13122417)   146.84670 (13122417)   134.24888 (13122417)
124.07177 (13120417)
 4215640.6 | 171.80995 (13122417)   156.74792 (13120417)   146.76712 (13120417)   136.92547 (13120417)
127.51967 (15012007)
 4215620.6 | 174.73753 (13120417)   161.42770 (15122322)   150.54180 (15122322)   140.46383 (15122322)
130.88672 (15122322)
 4215600.6 | 179.03332 (15122322)   162.75051 (15122322)   148.29650 (15122322)   135.63318 (15122322)

124.83355 (16120520)
 4215580.6 | 178.65738 (16120520)   165.37837 (16120520)   153.59232 (16120520)   143.20884 (16120520)
133.81955 (16120520)
 4215560.6 | 185.69356 (13111206)   171.03339 (13111206)   157.99009 (13111206)   146.99669 (13111206)
137.20519 (13111206)
 4215540.6 | 187.23417 (15122507)   171.55093 (15122507)   158.14973 (15122507)   146.75271 (15122507)
136.69173 (15122507)
 4215520.6 | 189.31642 (13111808)   173.71705 (13111808)   160.27940 (13111808)   148.71314 (13111808)
138.40298 (13111808)
 4215500.6 | 187.93458 (13111818)   172.94904 (13111818)   159.89186 (13111818)   148.45411 (13111818)
138.24800 (13111818)
 4215480.6 | 184.81112 (15111417)   168.00162 (16012518)   153.49978 (16012518)   140.57724 (16012518)
131.45544 (13111818)
 4215460.6 | 184.74819 (15111417)   171.21776 (15111417)   158.45908 (15111417)   146.72119 (15111417)
135.89486 (15111417)
 4215440.6 | 181.33432 (16012517)   167.66273 (16012517)   154.31021 (16012517)   143.72188 (15111920)
133.94862 (15111417)
 4215420.6 | 175.51128 (14010920)   159.96182 (13111506)   150.41487 (13111506)   141.27227 (16012517)
132.70860 (16012517)
 4215400.6 | 168.14017 (14010920)   158.72576 (14010920)   148.12427 (14010920)   137.10636 (14010920)
126.86258 (13111506)
 4215380.6 | 167.10836 (15110121)   151.92013 (15110121)   140.03621 (14010920)   133.99562 (14010920)
126.84256 (14010920)
 4215360.6 | 159.18899 (15110121)   151.36249 (15110121)   141.28171 (15110121)   129.83524 (15110121)
118.71612 (14010920)
 4215340.6 | 144.32155 (16112806)   139.36793 (15110121)   135.64866 (15110121)   129.43355 (15110121)
121.55101 (15110121)
 4215320.6 | 146.76331 (16112806)   134.25314 (16112806)   121.42143 (15110121)   120.50588 (15110121)
117.26725 (15110121)
 4215300.6 | 139.62637 (17010206)   133.59122 (16112806)   124.37194 (16112806)   113.16447 (16112806)
106.56689 (15110121)
 4215280.6 | 131.62645 (17010206)   127.01120 (17010206)   121.61518 (16112806)   114.96567 (16112806)
106.32773 (16112806)
 4215260.6 | 126.60814 (14012919)   118.72122 (17010206)   115.79971 (17010206)   110.83002 (16112806)
106.19831 (16112806)
 4215240.6 | 124.22016 (16110219)   116.16574 (14012919)   107.55908 (17010206)   105.90378 (17010206)
101.60381 (17010206)
 4215220.6 | 119.16789 (16110219)   113.87006 (16110219)   107.07760 (14012919)   97.97671 (14012919)
97.18815 (17010206)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 112.48860 (17012308)   109.36149 (16110219)   104.91309 (16110219)   99.10657 (14012919)
91.41441 (14012919)
 4215180.6 | 108.87137 (14012921)   103.48153 (17012308)   100.86834 (16110219)   97.09314 (16110219)
92.08831 (14012919)
 4215160.6 | 105.56764 (13112817)   100.26689 (14012921)   95.63447 (17012308)   93.44408 (16110219)
90.22072 (16110219)
 4215140.6 | 100.62543 (16111220)   97.55965 (13112817)   92.72792 (14012921)   88.74735 (17012308)
86.91625 (16110219)

 4215120.6 | 107.83779 (16111220)   93.27511 (13112817)   90.46591 (13112817)   86.07223 (14012921)
82.66245 (17012308)
 4215100.6 | 111.93971 (16111220)   96.80054 (16111220)   87.09663 (13112817)   84.14119 (13112817)
80.15739 (14012921)
 4215080.6 | 112.99066 (16111220)   101.49361 (16111220)   87.11350 (16111220)   81.50348 (13112817)
78.48283 (13112817)
 4215060.6 | 111.26758 (16111220)   103.59269 (16111220)   92.13926 (16111220)   78.57258 (16111220)
76.43756 (13112817)
 4215040.6 | 107.21202 (16111220)   103.22810 (16111220)   94.95022 (16111220)   83.73392 (16111220)
72.99832 (13112817)
 4215020.6 | 103.46492 (16111418)   100.71744 (16111220)   95.62791 (16111220)   87.05750 (16111220)
76.22706 (16111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: LOAD
***
                               INCLUDING SOURCE(S):   LOAD   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        539341.84   4215428.70   1096.73885 (14110908)   539351.84   4215428.70   1063.06487
(15012109)
        539361.84   4215428.70   1037.30498 (15012109)   539371.84   4215428.70   983.43165
(13111221)
        539381.84   4215428.70   982.03939 (14110717)   539341.84   4215438.70   1258.24780
(14110908)
        539351.84   4215438.70   1227.22766 (15012109)   539361.84   4215438.70   1158.37497
(16110820)
        539371.84   4215438.70   1110.83801 (16110518)   539381.84   4215438.70   1095.47096
(14110717)
        539341.84   4215448.70   1456.00914 (14110908)   539351.84   4215448.70   1416.55905
(15012109)
        539361.84   4215448.70   1310.93111 (16110820)   539371.84   4215448.70   1299.83202
(14110717)
        539381.84   4215448.70   1175.83965 (14110717)   539341.84   4215458.70   1699.35502
(14110908)
        539351.84   4215458.70   1627.29512 (15012109)   539361.84   4215458.70   1523.83372
(16110518)
        539371.84   4215458.70   1476.80722 (14110717)   539381.84   4215458.70   1280.67221
(16111220)
        539341.84   4215468.70   1998.39725 (14110908)   539351.84   4215468.70   1878.39767
(14110218)
        539361.84   4215468.70   1836.68175 (14110717)   539371.84   4215468.70   1588.89231
(14013006)
        539381.84   4215468.70   1315.48517 (16122222)   539113.88   4215517.52   419.93459
(15110618)
        539096.52   4215515.99   377.15711 (15110618)   539108.26   4215501.18   385.21466
(13112022)
        539096.01   4215500.67   358.44296 (13112022)   539108.26   4215486.38   393.07978
(14121020)
        539094.47   4215485.36   361.11612 (14121020)   539135.32   4215461.36   445.24345
(14012217)
        539150.13   4215439.91   441.63128 (15110219)   539114.39   4215452.68   385.14753
(14012217)
        539123.07   4215439.40   373.85107 (15012818)   539159.32   4215421.02   439.59377
(13111119)
        539145.02   4215416.43   400.93260 (15122508)   539134.30   4215410.81   371.94454

(15122508)
539131.75 4215425.11 381.28654 (15110219) 539206.80 4215383.75 477.93907
(14110917)
539215.99 4215372.52 480.43802 (14110917) 539188.93 4215382.22 441.73705
(13122017)
539176.17 4215379.67 413.13255 (16110522) 539165.44 4215376.09 387.45193
(16110522)
539248.79 4215356.71 474.56413 (16121307) 539243.45 4215348.45 445.06170
(16121307)
539265.58 4215345.25 453.38625 (16122408) 539260.78 4215338.05 429.87209
(15121922)
539256.25 4215351.38 470.47200 (14111418) 539272.77 4215331.92 431.85091
(13110719)
539264.78 4215324.99 403.16423 (16122408) 539280.77 4215321.79 424.38593
(16110617)
539279.97 4215307.14 389.33121 (16110617) 539287.97 4215313.80 403.64301
(16110617)
539297.83 4215304.74 380.62080 (16111218) 539289.56 4215296.21 355.44573
(16110617)
539311.15 4215287.68 350.13301 (16111319) 539303.69 4215281.28 332.30829
(16111218)
539303.69 4215296.21 362.59557 (16111218) 539314.25 4215271.79 320.46717
(16111319)
539329.09 4215260.48 302.99509 (13111220) 539339.69 4215237.16 265.97336
(15110517)
539357.36 4215232.92 258.96939 (13010807) 539394.11 4215199.70 222.99442
(17123121)
539044.99 4215579.21 191.11959 (15110220) 539034.39 4215591.93 179.83948
(14111220)
539054.88 4215556.59 203.77573 (15120817) 539058.42 4215538.92 271.81404
(15110618)
539054.88 4215520.55 302.21213 (15110618) 539082.44 4215477.44 336.96583
(14121020)
539073.96 4215466.13 313.81470 (16112720) 539098.70 4215440.69 344.88997
(15012818)
539109.30 4215426.56 328.45405 (15110219) 539117.07 4215415.96 343.91466
(15110219)
539125.55 4215401.11 345.33143 (15122508) 539158.77 4215367.19 363.78996
(16110522)
539150.29 4215357.30 338.17508 (16110522) 539184.21 4215339.63 363.09378
(14110917)
539222.37 4215324.79 361.98876 (16121307) 539243.58 4215317.72 374.85249
(14111418)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: LOAD ***

INCLUDING SOURCE(S): LOAD ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539371.49	4215194.05	218.99474	(14110908)	539364.42	4215191.93	215.93126	(13010807)
539344.64	4215200.41	225.43395	(15110517)	539409.65	4215113.48	162.58128	(17123121)
539355.94	4215136.80	175.86625	(13010807)	539262.66	4215288.75	334.47756	(13110719)

```
       539282.44   4215261.19      295.42857  (16110617)              539299.41   4215235.04      263.60093
(16111319)
       539168.92   4215647.77      329.64695  (14122218)              538947.70   4216163.58       64.51625
(15011619)
       539352.12   4215798.21      245.94178  (13110618)              539367.62   4215566.76     2659.75612
(14120316)
       539278.26   4215504.64     2623.25268  (17011216)              539297.51   4215494.11     2859.54403
(14110917)
       539323.66   4215486.12     2863.91866  (15110419)              539342.55   4215482.85     2671.97174
(15012109)
       539367.23   4215481.23     1954.78043  (16122222)              539397.77   4215487.94     1186.04570
(16112806)
       539352.73   4215556.41     4979.24004  (14081207)              539337.83   4215546.05     7704.92609
(13072807)
       539322.94   4215535.70     5066.10206  (13090207)              539308.05   4215525.35     6110.69566
(14012217)
       539293.15   4215514.99     3807.31468  (17011216)              539287.89   4215499.38     2577.77671
(13012521)
       539310.58   4215490.12     2928.43692  (14110418)              539354.89   4215482.04     2437.07361
(14110717)
       539382.50   4215484.59     1644.76745  (16032418)              539391.74   4215503.70     2057.62997
(15121216)
       539385.71   4215519.47     2425.25776  (14021217)              539379.68   4215535.23     2283.20622
(13111808)
       539373.65   4215551.00     3389.39899  (17010909)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 610
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  REFILLIN
***
                               INCLUDING SOURCE(S):     REFILLING   ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       538745.17              538765.17              538785.17              538805.17
538825.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |     61.91801 (13111908)     64.43896 (13111908)     65.64644 (13111908)     67.08010 (15120921)
68.85603 (16120907)
 4215980.6 |     62.12118 (16120919)     64.94971 (16120919)     67.84595 (13111908)     69.54098 (13111908)
70.81814 (15120921)
 4215960.6 |     63.75813 (14122218)     65.02562 (16120621)     68.32290 (16120919)     71.47591 (13111908)
73.75030 (13111908)
 4215940.6 |     65.08620 (14122218)     67.44710 (14122218)     68.80519 (16120621)     71.86454 (16120919)
75.33114 (13111908)
 4215920.6 |     67.05721 (14112117)     68.50672 (15120318)     71.26167 (14122218)     73.15150 (14122218)
75.56003 (16120919)
 4215900.6 |     69.22742 (14112117)     71.39927 (14112117)     72.89890 (15120318)     75.16294 (14122218)
77.94557 (14122218)
 4215880.6 |     68.45148 (14112117)     72.57794 (14112117)     75.75624 (14112117)     77.69712 (14112117)
79.43605 (15120318)
 4215860.6 |     70.73357 (14121419)     72.88932 (14121419)     75.69071 (14112117)     80.04424 (14112117)
83.14549 (14112117)
 4215840.6 |     71.79457 (14121608)     74.69134 (14121608)     77.55544 (14121419)     79.81628 (14121419)
84.11251 (14112117)
 4215820.6 |     73.03735 (13012606)     75.45850 (13012606)     78.89786 (14121608)     82.15112 (14121608)
85.53371 (14121419)
 4215800.6 |     73.09477 (14010819)     76.56860 (13012606)     80.29331 (13012606)     83.17513 (13012606)
```

87.26671 (14121608)
 4215780.6 | 75.78354 (14010819)   78.67032 (14010819)   80.84957 (14010819)   84.35963 (13012606)
88.84188 (13012606)
 4215760.6 | 77.58008 (15110106)   80.44022 (13110819)   83.62882 (13110819)   87.08208 (14010819)
90.01036 (14010819)
 4215740.6 | 78.49171 (13112007)   81.38671 (15110106)   85.53039 (15110106)   89.17407 (15110106)
92.99473 (13110819)
 4215720.6 | 79.41719 (15120719)   82.87037 (13112007)   86.86085 (13112007)   90.42213 (13112007)
94.57729 (15110106)
 4215700.6 | 79.78304 (14111519)   82.96162 (14111519)   87.14247 (15120719)   91.74248 (15120719)
96.13342 (13112007)
 4215680.6 | 94.71025 (15110719)   83.67598 (15110719)   87.74338 (14111519)   92.29886 (14111519)
96.61313 (14111519)
 4215660.6 | 96.55104 (14010720)   98.05384 (15110719)   88.82060 (15110719)   93.39597 (15110719)
97.84517 (15110719)
 4215640.6 | 99.77219 (14111220)   101.82545 (14111220)   103.94885 (14010720)   93.80443 (14010720)
98.38455 (14010720)
 4215620.6 | 102.16174 (14111220)   105.13889 (14111220)   107.94318 (14111220)   95.91136 (14111220)
100.71250 (14111220)
 4215600.6 | 104.72974 (15120817)   106.56567 (15120817)   108.88934 (16013021)   112.56490 (16013021)
118.29077 (16013021)
 4215580.6 | 107.45639 (15120817)   110.51110 (15120817)   113.59634 (15120817)   117.60216 (15120817)
123.68589 (15120817)
 4215560.6 | 104.76544 (16012421)   108.03908 (16012421)   112.21040 (16012421)   115.76622 (16012421)
122.24054 (16012421)
 4215540.6 | 100.31050 (14013007)   104.15729 (14013007)   107.82659 (14013007)   111.73330 (14013007)
117.53595 (14013007)
 4215520.6 | 119.94422 (14012720)   125.46916 (14012720)   130.94898 (14012720)   136.79276 (14012720)
144.76445 (14012720)
 4215500.6 | 145.64189 (14012720)   151.30394 (14012720)   157.29644 (14012720)   163.64593 (14012720)
172.87158 (14012720)
 4215480.6 | 154.69124 (14012720)   159.47191 (14012720)   164.44243 (14012720)   170.40078 (14012720)
176.81724 (16012422)
 4215460.6 | 153.89234 (14010718)   158.68601 (14010718)   163.53505 (14010718)   169.18091 (14010718)
174.93111 (14010718)
 4215440.6 | 154.58066 (13112022)   159.50360 (13112022)   164.99074 (13112022)   169.63863 (13112022)
174.03472 (13112022)
 4215420.6 | 146.08092 (13112022)   148.23922 (16011321)   156.97128 (16011321)   165.59361 (16011321)
173.96792 (16011321)
 4215400.6 | 152.94797 (16011321)   159.02111 (16011321)   163.91347 (16011321)   168.04425 (16011321)
172.09033 (14121020)
 4215380.6 | 148.41057 (16011321)   151.90886 (16112720)   157.48395 (16112720)   166.28997 (13111718)
176.12373 (13111718)
 4215360.6 | 152.42209 (13111718)   159.27571 (13111718)   164.86398 (13111718)   170.64629 (13121818)
176.56490 (13121818)
 4215340.6 | 154.07466 (13121818)   158.44227 (13121818)   165.14811 (13110818)   169.48885 (13110818)
171.51653 (13110818)
 4215320.6 | 152.72004 (13110818)   154.26183 (13110818)   154.11492 (13110818)   162.93519 (14012217)
171.26793 (15112517)
 4215300.6 | 144.91799 (14012217)   151.91933 (15112517)   160.13223 (15112517)   165.71692 (15112517)
173.47199 (16011921)
 4215280.6 | 150.00340 (15112517)   154.90105 (16011921)   160.04597 (16011921)   161.85222 (16011921)
160.88670 (16011921)
 4215260.6 | 148.87157 (16011921)   149.33970 (16011921)   146.52015 (16011921)   140.67841 (16011921)
138.97681 (15110219)
 4215240.6 | 134.63109 (16011921)   128.29066 (16011921)   126.48921 (15110219)   140.42749 (15111722)
157.59892 (15111722)
 4215220.6 | 116.04766 (15110219)   128.33370 (15111722)   143.87765 (15111722)   156.10105 (15111722)
164.78962 (15111722)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538745.17	538765.17	538785.17	538805.17	538825.17
4215200.6	132.20038 (15111722)	143.97379 (15111722)	152.41992 (15111722)	155.70975 (15111722)	159.25760 (14122917)
4215180.6	141.70407 (15111722)	146.21602 (15111722)	146.27500 (14122917)	152.26057 (14122917)	158.51667 (16123020)
4215160.6	138.05438 (15111722)	142.17014 (14122917)	147.28458 (16123020)	152.00922 (13111119)	156.32923 (15110619)
4215140.6	136.66131 (16123020)	141.75014 (16123020)	146.33796 (13111119)	150.34397 (15110619)	150.52241 (15110619)
4215120.6	136.76149 (13111119)	139.72573 (13111119)	143.29414 (15110619)	141.08962 (15110619)	141.57697 (14122918)
4215100.6	135.12437 (15110619)	136.09085 (15110619)	131.60323 (15110619)	138.26081 (14122918)	146.80943 (14122918)
4215080.6	128.55555 (15110619)	122.55010 (14122918)	134.67229 (14122918)	141.04834 (14122918)	141.47743 (13121819)
4215060.6	120.57311 (14122918)	130.87844 (14122918)	135.31805 (14122918)	136.79624 (13121819)	141.66570 (13121819)
4215040.6	126.93585 (14122918)	129.65769 (14122918)	132.22694 (13121819)	135.96722 (13012521)	139.25572 (13012521)
4215020.6	124.09716 (14122918)	127.77919 (13121819)	131.16746 (13012521)	133.41690 (13012521)	128.04552 (13012521)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN ***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538845.17	538865.17	538885.17	538905.17	538925.17
4216000.6	70.86751 (16120906)	72.93803 (13110718)	79.42014 (16010420)	90.03296 (16010420)	97.96977 (16010420)
4215980.6	72.79374 (16120907)	75.03454 (16120906)	77.30761 (13110718)	84.80245 (16010420)	96.25759 (16010420)
4215960.6	74.88086 (15120921)	77.10841 (16120907)	79.64110 (16120906)	82.14867 (13110718)	90.80624 (16010420)
4215940.6	78.30846 (13111908)	79.30265 (15120921)	81.97014 (15120921)	84.74123 (16120906)	87.53687 (13110718)
4215920.6	79.42428 (13111908)	83.24704 (13111908)	84.89401 (13111908)	87.52216 (15120921)	90.41824 (16120906)
4215900.6	79.67881 (16120621)	84.13589 (16120919)	88.60605 (13111908)	91.09149 (13111908)	93.67977 (15120921)
4215880.6	82.96073 (14122218)	85.08708 (14122218)	89.32784 (16120919)	94.43044 (13111908)	97.94869 (13111908)
4215860.6	85.07898 (15120318)	88.17227 (14122218)	91.53050 (14122218)	94.86862 (16120919)	

100.74140 (13111908)
 4215840.6 | 88.62774 (14112117)   91.51687 (14112117)   93.75682 (15120318)   98.38373 (14122218)
101.10620 (16120621)
 4215820.6 | 87.87495 (14121419)   93.99841 (14112117)   98.57326 (14112117)   101.26807 (15120318)
105.58413 (14122218)
 4215800.6 | 90.97608 (14121608)   94.95863 (14121419)   99.04747 (14112117)   105.65726 (14112117)
110.10274 (14112117)
 4215780.6 | 92.33475 (13012606)   97.23101 (14121608)   101.71096 (14121419)   106.13328 (14121419)
112.49634 (14112117)
 4215760.6 | 93.56855 (13012606)   99.03816 (13012606)   103.33312 (13012606)   109.25588 (14121608)
114.76055 (14121419)
 4215740.6 | 96.93348 (14010819)   100.90773 (14010819)   104.58680 (13012606)   111.39174 (13012606)
116.76259 (13012606)
 4215720.6 | 99.49340 (15110106)   103.90727 (13110819)   108.76559 (13110819)   114.13879 (14010819)
118.18841 (14010819)
 4215700.6 | 101.15011 (13112007)   105.61292 (13112007)   111.55463 (15110106)   117.65832 (15110106)
123.85018 (13110819)
 4215680.6 | 101.49401 (15120719)   107.56342 (15120719)   113.36471 (13112007)   120.08280 (13112007)
126.04745 (13112007)
 4215660.6 | 102.12886 (15110719)   108.22503 (14111519)   114.35105 (14111519)   120.46844 (15120719)
128.89752 (15120719)
 4215640.6 | 103.08510 (16013020)   109.38455 (15110719)   115.94884 (15110719)   122.49921 (15110719)
129.44089 (14111519)
 4215620.6 | 122.68747 (14111220)   128.37543 (14111220)   116.44650 (14010720)   123.58818 (14010720)
130.90937 (14010720)
 4215600.6 | 124.28185 (16013021)   131.49494 (14111220)   138.91549 (14111220)   126.40960 (14111220)
134.61592 (14111220)
 4215580.6 | 130.17666 (15120817)   137.09850 (15120817)   143.38221 (15120817)   147.63834 (15120817)
135.12709 (15120817)
 4215560.6 | 129.27057 (16012421)   136.91970 (16012421)   144.16696 (16012421)   149.62840 (15120817)
157.51893 (15120817)
 4215540.6 | 123.86088 (14013007)   130.77614 (14013007)   137.74835 (14013007)   144.06473 (14013007)
151.68316 (14013007)
 4215520.6 | 153.50087 (14012720)   163.10723 (14012720)   173.03088 (14012720)   182.46978 (14012720)
193.63079 (14012720)
 4215500.6 | 182.05056 (14012720)   192.03404 (14012720)   202.92236 (14012720)   213.74604 (14012720)
225.53847 (14012720)
 4215480.6 | 185.32910 (16012422)   194.39208 (16012422)   203.01881 (16012422)   213.77529 (14010718)
226.23596 (14010718)
 4215460.6 | 183.36091 (13112022)   192.58092 (13112022)   203.08806 (13112022)   213.95527 (13112022)
225.10230 (13112022)
 4215440.6 | 178.91995 (13112022)   183.45651 (13112022)   190.62895 (16011321)   205.97979 (16011321)
220.74116 (16011321)
 4215420.6 | 182.76669 (16011321)   190.20279 (16011321)   197.78346 (16011321)   208.31991 (14121020)
219.30019 (16112720)
 4215400.6 | 178.55193 (16112720)   186.17346 (16112720)   196.30711 (13111718)   210.54701 (13111718)
223.43036 (13111718)
 4215380.6 | 184.04270 (13111718)   190.26947 (13111718)   199.04931 (13121818)   210.67339 (13110818)
221.34507 (13110818)
 4215360.6 | 183.70419 (13110818)   189.30140 (13110818)   193.73096 (13110818)   203.49681 (14012217)
217.11851 (14012217)
 4215340.6 | 174.41021 (14012217)   184.99009 (14012217)   194.57192 (15112517)   205.01902 (15112517)
216.98896 (16011921)
 4215320.6 | 180.11245 (15112517)   187.15371 (16011921)   194.61546 (16011921)   197.18088 (16011921)
194.58289 (16011921)
 4215300.6 | 177.68131 (16011921)   177.54871 (16011921)   173.14911 (16011921)   171.16263 (15110219)
193.38843 (15111722)
 4215280.6 | 155.78339 (16011921)   153.73103 (15110219)   173.03411 (15111722)   193.34740 (15111722)
208.51016 (15111722)
 4215260.6 | 155.92735 (15111722)   175.01709 (15111722)   189.66865 (15111722)   196.97372 (15111722)
202.47617 (14122917)
 4215240.6 | 171.83548 (15111722)   180.85381 (15111722)   183.53159 (14122917)   192.64455 (16123020)
201.33266 (13111119)
 4215220.6 | 167.86077 (15111722)   174.89353 (14122917)   182.68991 (16123020)   190.26770 (13111119)
196.43317 (15110619)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN
***
INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538845.17	538865.17	538885.17	538905.17	538925.17
4215200.6	165.97022 (16123020)	173.17008 (13111119)	179.56421 (15110619)	183.08852 (15110619)	178.58182 (14122918)
4215180.6	164.46391 (13111119)	169.38350 (15110619)	169.28069 (15110619)	171.95665 (14122918)	185.45818 (14122918)
4215160.6	159.70446 (15110619)	155.89008 (15110619)	164.65253 (14122918)	174.89977 (14122918)	180.24360 (13121819)
4215140.6	144.54164 (14122918)	158.20659 (14122918)	164.39720 (14122918)	170.29617 (13121819)	177.99483 (13012521)
4215120.6	152.55059 (14122918)	156.24231 (14122918)	161.51220 (13121819)	167.69465 (13012521)	166.56692 (13012521)
4215100.6	147.98274 (14122918)	154.57207 (13121819)	159.17479 (13012521)	157.02407 (13012521)	156.77939 (16110522)
4215080.6	147.95932 (13121819)	152.10152 (13012521)	148.35361 (13012521)	148.44486 (16110522)	149.34676 (13012022)
4215060.6	145.47317 (13012521)	141.07785 (13012521)	141.05224 (16110522)	141.78231 (13012022)	149.72069 (15013018)
4215040.6	134.32511 (13012521)	134.43974 (16110522)	135.10731 (16110522)	141.71049 (15013018)	154.50490 (15013018)
4215020.6	128.35421 (16110522)	128.85728 (16110522)	134.26044 (15013018)	147.38675 (15013018)	150.08150 (15013018)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN
***
INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538945.17	538965.17	538985.17	539005.17	539025.17
4216000.6	101.93926 (16010420)	104.95774 (16121317)	105.96730 (16121317)	109.48965 (15120918)	115.82691 (15011617)
4215980.6	104.59322 (16010420)	108.34203 (16010420)	112.01956 (16121317)	111.85307 (16121317)	117.05955 (15120918)
4215960.6	103.20233 (16010420)	111.93485 (16010420)	115.33295 (16010420)	119.64439 (16121317)	120.49620 (15120918)
4215940.6	97.53087 (16010420)	110.97370 (16010420)	120.10398 (16010420)	123.18533 (16121317)	127.89102 (16121317)
4215920.6	93.55700 (13110718)	105.08811 (16010420)	119.72053 (16010420)	129.22911 (16010420)	

133.21527 (16121317)
 4215900.6 | 96.75408 (16120906)   100.31908 (13110718)   113.64155 (16010420)   129.61916 (16010420)
139.46359 (16010420)
 4215880.6 | 100.54690 (15120921)   103.88669 (16120907)   107.95746 (13110718)   123.38380 (16010420)
140.88829 (16010420)
 4215860.6 | 105.54540 (13111908)   108.20858 (15120921)   112.16944 (16120907)   116.63734 (13110718)
134.55791 (16010420)
 4215840.6 | 107.55952 (13111908)   113.96669 (13111908)   116.81084 (15120921)   121.59994 (16120907)
126.60226 (13110718)
 4215820.6 | 109.66870 (14122218)   115.63203 (16120919)   123.33176 (13111908)   127.23114 (13111908)
132.39669 (16120907)
 4215800.6 | 113.11368 (15120318)   119.32829 (14122218)   124.43298 (16120919)   133.75647 (13111908)
139.73629 (13111908)
 4215780.6 | 119.48869 (14112117)   123.47877 (14112117)   129.72438 (14122218)   134.75136 (14122218)
145.40493 (13111908)
 4215760.6 | 119.65860 (14121419)   128.92351 (14112117)   136.08407 (14112117)   140.76903 (14122218)
149.17368 (14122218)
 4215740.6 | 124.07644 (14121608)   130.94306 (14121419)   137.99519 (14112117)   149.21347 (14112117)
156.11971 (14112117)
 4215720.6 | 126.74225 (13012606)   133.59846 (13012606)   142.74657 (14121608)   151.38480 (14121419)
162.42912 (14112117)
 4215700.6 | 130.49411 (14010819)   136.42842 (14010819)   146.14808 (13012606)   155.15876 (13012606)
166.83466 (14121608)
 4215680.6 | 134.64517 (15110106)   142.45826 (13110819)   151.08041 (14010819)   159.78125 (14010819)
171.25216 (13012606)
 4215660.6 | 137.02716 (13112007)   146.23020 (13112007)   155.40930 (15110106)   166.89301 (15110106)
178.19738 (13110819)
 4215640.6 | 138.50907 (14111519)   147.32684 (14111519)   158.73661 (15120719)   170.61039 (13112007)
183.87064 (13112007)
 4215620.6 | 139.95455 (15110719)   150.17641 (15110719)   160.50843 (15110719)   172.48543 (14111519)
186.43109 (14111519)
 4215600.6 | 143.24892 (14111220)   152.20815 (14111220)   162.28714 (14010720)   174.82639 (14010720)
188.79768 (15110719)
 4215580.6 | 142.93859 (15120817)   153.80538 (15110220)   165.92283 (15110220)   179.11684 (15110220)
194.29024 (14111220)
 4215560.6 | 146.36758 (15120817)   157.38847 (15120817)   169.66198 (15120817)   183.30935 (15120817)
198.66410 (15120817)
 4215540.6 | 145.17265 (14013007)   155.55212 (14013007)   167.14642 (14013007)   180.57515 (14121619)
196.05004 (14121619)
 4215520.6 | 204.99154 (14012720)   207.34018 (15110618)   224.20387 (15110618)   243.59713 (15110618)
265.84366 (15110618)
 4215500.6 | 238.42498 (14012720)   252.55139 (14012720)   251.69638 (15110618)   271.60276 (15110618)
293.74606 (15110618)
 4215480.6 | 238.31883 (14010718)   251.12682 (14010718)   263.14472 (14010718)   257.05356 (13112022)
279.41112 (13112022)
 4215460.6 | 236.41087 (13112022)   246.45197 (13112022)   254.79268 (13112022)   248.04881 (14121020)
276.15741 (14121020)
 4215440.6 | 236.70128 (16011321)   249.93725 (16011321)   264.17288 (14121020)   280.14697 (14121020)
279.75952 (16112720)
 4215420.6 | 232.51500 (16112720)   248.45709 (13111718)   265.67256 (13111718)   279.74383 (13121818)
296.84455 (13110818)
 4215400.6 | 236.87704 (13121818)   250.21437 (13110818)   262.82902 (13110818)   270.73457 (14012217)
293.07940 (14012217)
 4215380.6 | 229.41192 (13110818)   243.93504 (14012217)   257.53425 (14012217)   271.65493 (16011921)
286.45283 (16011921)
 4215360.6 | 231.35605 (15112517)   243.90124 (16011921)   251.62474 (16011921)   250.79530 (16011921)
251.58880 (15110219)
 4215340.6 | 223.36705 (16011921)   220.90553 (16011921)   218.68254 (15110219)   247.82210 (15111722)
273.91108 (15111722)
 4215320.6 | 192.66717 (15110219)   218.12874 (15111722)   241.88862 (15111722)   256.56079 (15111722)
265.81893 (14122917)
 4215300.6 | 216.50609 (15111722)   230.49118 (15111722)   236.53016 (14122917)   249.60911 (16123020)
262.07461 (13111119)
 4215280.6 | 214.52691 (15111722)   223.50516 (14122917)   235.27975 (13111119)   245.20558 (15110619)
245.50595 (15110619)
 4215260.6 | 211.90313 (16123020)   221.79169 (13111119)   228.50287 (15110619)   224.66614 (14122918)
245.54280 (14122918)
 4215240.6 | 209.37635 (15110619)   211.44122 (15110619)   215.40231 (14122918)   229.12285 (14122918)
238.58803 (13121819)

 4215220.6 | 194.46579 (15110619)   205.98820 (14122918)   214.61808 (14122918)   223.88542 (13121819)
230.62525 (13012521)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                                INCLUDING SOURCE(S):   REFILLING   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -
- - - - - - - -

 4215200.6 | 195.90327 (14122918)   200.99468 (14122918)   211.06448 (13012521)   215.80704 (13012521)
214.78171 (16110522)
 4215180.6 | 189.83957 (13121819)   199.43739 (13012521)   202.52138 (13012521)   200.78358 (16110522)
204.25823 (15111821)
 4215160.6 | 188.77595 (13012521)   190.46846 (13012521)   188.35489 (16110522)   190.90423 (15111821)
207.99081 (15013018)
 4215140.6 | 178.09803 (13012521)   177.00702 (16110522)   178.71816 (15111821)   195.05163 (15013018)
204.83968 (15013018)
 4215120.6 | 166.23545 (16110522)   167.86575 (13012022)   182.17788 (15013018)   193.22278 (15013018)
186.38168 (15013018)
 4215100.6 | 158.12137 (13012022)   170.09527 (15013018)   182.49690 (15013018)   178.61401 (15013018)
185.67008 (14110917)
 4215080.6 | 159.20254 (15013018)   172.08749 (15013018)   170.64677 (15013018)   169.91914 (14110917)
189.33371 (14110917)
 4215060.6 | 162.03748 (15013018)   162.57425 (15013018)   154.63103 (14110917)   176.40244 (14110917)
182.14593 (14110917)
 4215040.6 | 155.78058 (15013018)   145.45065 (15013018)   163.43281 (14110917)   173.08968 (14110917)
165.42954 (14110917)
 4215020.6 | 141.63583 (15013018)   151.75714 (14110917)   164.02011 (14110917)   160.99635 (14110917)
151.75625 (16112108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                                INCLUDING SOURCE(S):   REFILLING   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
 -
- - - - - - - -

 4216000.6 | 117.89948 (15011617)   120.60311 (15011619)   123.82806 (14120718)   125.10092 (15010521)
128.64776 (16121318)
 4215980.6 | 124.48893 (15011617)   125.94903 (17011717)   128.89892 (15011619)   132.84349 (14120718)

131.78301 (15010521)
 4215960.6 | 127.33017 (15011617)   133.26744 (15011617)   135.27766 (17011717)   138.81446 (14120718)
141.15358 (15010521)
 4215940.6 | 130.56988 (15120918)   138.82899 (15011617)   141.86638 (15011617)   145.86624 (15011619)
150.57093 (14120718)
 4215920.6 | 136.80541 (16121317)   141.40038 (15120918)   150.91867 (15011617)   153.51107 (17011717)
157.00407 (14120718)
 4215900.6 | 144.41361 (16121317)   146.38211 (16121317)   154.41977 (15011617)   163.33279 (15011617)
166.42585 (15011619)
 4215880.6 | 151.03631 (16010420)   156.89761 (16121317)   159.16834 (15120918)   170.92381 (15011617)
175.66942 (15011617)
 4215860.6 | 153.84236 (16010420)   164.12998 (16010420)   170.84412 (16121317)   175.39879 (15120918)
188.64634 (15011617)
 4215840.6 | 147.52175 (16010420)   168.83265 (16010420)   179.04596 (16010420)   186.39205 (16121317)
193.23351 (15120918)
 4215820.6 | 138.13265 (13110718)   162.68325 (16010420)   186.30002 (16010420)   196.49509 (14121816)
204.36892 (14121816)
 4215800.6 | 144.92937 (16120907)   151.81857 (16120906)   180.54023 (16010420)   206.81475 (16010420)
224.95086 (14121816)
 4215780.6 | 154.20755 (13111908)   160.11773 (15120921)   168.12337 (16120906)   201.88037 (16010420)
231.21304 (16010420)
 4215760.6 | 158.63011 (16120919)   170.93506 (13111908)   178.05731 (15120921)   187.59474 (16120906)
227.68637 (16010420)
 4215740.6 | 165.13998 (14122218)   174.40396 (16120919)   190.36852 (13111908)   199.40821 (15120921)
211.20748 (16120906)
 4215720.6 | 174.60641 (14112117)   182.55950 (14122218)   194.32045 (14122218)   213.04093 (13111908)
225.37692 (13111908)
 4215700.6 | 177.63300 (14121419)   194.00018 (14112117)   206.63118 (14112117)   220.72447 (14122218)
239.71531 (13111908)
 4215680.6 | 183.24384 (13012606)   198.38549 (14121608)   213.26532 (14112117)   235.88278 (14112117)
250.95279 (14122218)
 4215660.6 | 190.35174 (14010819)   204.40808 (13012606)   221.15938 (13012606)   242.08610 (14121419)
267.11817 (14112117)
 4215640.6 | 198.29020 (15110106)   214.02529 (13110819)   231.51313 (14010819)   250.32298 (13012606)
275.45745 (14121608)
 4215620.6 | 202.50415 (15120719)   220.66682 (13112007)   240.76250 (13112007)   264.86688 (15110106)
290.22683 (13110819)
 4215600.6 | 206.13020 (15110719)   223.90533 (15110719)   246.02069 (14111519)   271.43498 (15120719)
302.94061 (15120719)
 4215580.6 | 211.21237 (14111220)   229.46657 (14111220)   249.95894 (14010720)   275.84280 (14010720)
309.93541 (15110719)
 4215560.6 | 215.68099 (15120817)   234.80859 (15120817)   256.33918 (15120817)   282.84305 (15110220)
317.53744 (15110220)
 4215540.6 | 213.48171 (14121619)   233.61957 (14121619)   257.07861 (14121619)   284.87376 (14121619)
319.18499 (15120817)
 4215520.6 | 290.83252 (15110618)   319.85976 (15110618)   353.88638 (15110618)   394.62926 (15110618)
444.09579 (15110618)
 4215500.6 | 318.15814 (15110618)   345.70838 (15110618)   376.89948 (15110618)   412.80080 (15110618)
455.20456 (14010718)
 4215480.6 | 303.51674 (13112022)   329.60808 (13112022)   357.52336 (13112022)   387.13580 (13112022)
446.77334 (14121020)
 4215460.6 | 305.74904 (14121020)   336.59232 (14121020)   367.51724 (14121020)   402.25188 (16112720)
436.85892 (13111718)
 4215440.6 | 297.63863 (16112720)   322.59862 (15121208)   352.31096 (15121208)   382.33645 (13110818)
432.54914 (14012217)
 4215420.6 | 318.82006 (13110818)   343.10684 (14012217)   377.25896 (14012217)   405.90922 (16011921)
397.12727 (16011921)
 4215400.6 | 312.66490 (15112517)   337.56660 (16011921)   352.88554 (16011921)   359.28435 (15110219)
417.06858 (15111722)
 4215380.6 | 293.76525 (16011921)   297.74821 (15110219)   345.36115 (15111722)   383.15519 (15111722)
405.26650 (16123020)
 4215360.6 | 287.80657 (15111722)   321.74384 (15111722)   341.01329 (14122917)   369.87120 (13111119)
391.65804 (15110619)
 4215340.6 | 290.53828 (15111722)   310.54181 (16123020)   334.06268 (13111119)   346.87068 (15110619)
372.17448 (14122918)
 4215320.6 | 283.96134 (13111119)   301.95068 (15110619)   305.58510 (14122918)   334.42832 (14122918)
357.34857 (13012521)
 4215300.6 | 272.36087 (15110619)   283.08004 (14122918)   300.30764 (14122918)   321.67074 (13012521)
330.89492 (16110522)

 4215280.6 | 263.13071 (14122918)   275.09264 (13121819)   291.66818 (13012521)   298.50050 (16110522)
311.37987 (15111821)
 4215260.6 | 254.78136 (13121819)   267.30378 (13012521)   271.41533 (16110522)   281.20271 (15111821)
304.84643 (15013018)
 4215240.6 | 247.28864 (13012521)   249.01117 (16110522)   256.86652 (15111821)   277.88883 (15013018)
272.37441 (15013018)
 4215220.6 | 230.71821 (16110522)   236.54282 (15111821)   256.72506 (15013018)   255.32392 (15013018)
281.64234 (14110917)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                                INCLUDING SOURCE(S):   REFILLING   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
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 4215200.6 | 219.35028 (15111821)   238.96548 (15013018)   240.59178 (15013018)   254.65221 (14110917)
267.97903 (14110917)
 4215180.6 | 223.03966 (15013018)   227.83062 (15013018)   230.57260 (14110917)   251.11850 (14110917)
238.90982 (16112108)
 4215160.6 | 215.93566 (15013018)   209.01407 (14110917)   233.87475 (14110917)   230.42482 (14110917)
229.64317 (13121808)
 4215140.6 | 193.22176 (15013018)   217.46555 (14110917)   221.26971 (14110917)   208.57227 (16112108)
222.56690 (13121808)
 4215120.6 | 201.33597 (14110917)   211.46413 (14110917)   198.41716 (16112108)   210.06605 (13121808)
214.68866 (15112508)
 4215100.6 | 200.70991 (14110917)   193.47829 (14110917)   194.05216 (13121808)   201.67227 (13121808)
208.27812 (13111121)
 4215080.6 | 188.50285 (14110917)   176.70763 (16112108)   192.57238 (13121808)   196.65593 (15112508)
198.42953 (13111121)
 4215060.6 | 169.05334 (16112108)   180.70212 (13121808)   183.43261 (15112508)   191.30807 (13111121)
189.90371 (14110418)
 4215040.6 | 165.54821 (13121808)   175.69372 (13121808)   179.30944 (15112508)   181.53948 (13111121)
186.49363 (14110418)
 4215020.6 | 165.61910 (13121808)   168.08717 (15112508)   174.37916 (13111121)   173.49815 (14110418)
178.04916 (14110418)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                                INCLUDING SOURCE(S):   REFILLING   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17

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- - - - - - - -

 4216000.6 |     130.62014 (16122022)    134.57743 (14121720)    135.87078 (15010808)    138.44818 (16011117)
140.78563 (16011217)
 4215980.6 |     138.51328 (16121318)    141.53358 (14121720)    143.50787 (15120217)    144.65938 (15010808)
147.70280 (15121807)
 4215960.6 |     145.53104 (16121318)    148.23519 (16012122)    152.37767 (15120217)    154.39363 (15010808)
156.80277 (16011117)
 4215940.6 |     149.72718 (15010521)    157.18978 (16121318)    161.50113 (14121720)    162.95505 (15010808)
166.93687 (16011117)
 4215920.6 |     161.00619 (15010521)    166.50694 (16121318)    169.93481 (16012122)    174.36213 (15120217)
175.95460 (16011117)
 4215900.6 |     172.53903 (14120718)    172.23319 (15010521)    180.38114 (16121318)    185.89895 (14121720)
189.04946 (15010808)
 4215880.6 |     181.15591 (15011619)    186.44278 (14120718)    192.99576 (16121318)    197.87972 (14121720)
200.75566 (15010808)
 4215860.6 |     193.03834 (17011717)    200.18572 (14120718)    200.97635 (15010521)    210.17670 (16122022)
217.85801 (15120217)
 4215840.6 |     207.21913 (15011617)    212.40902 (15011619)    219.53256 (14120718)    227.44629 (16121318)
234.67385 (14121720)
 4215820.6 |     218.14334 (15011617)    226.71313 (17011717)    235.92175 (14120718)    239.00669 (16121318)
251.07072 (16012122)
 4215800.6 |     226.36040 (14121816)    245.99465 (15011617)    253.19341 (17011717)    263.90528 (14120718)
273.93634 (16121318)
 4215780.6 |     259.25578 (14121816)    254.93535 (15120918)    276.04765 (15011617)    283.52795 (15011619)
291.24938 (16121318)
 4215760.6 |     260.49383 (16010420)    298.88317 (14121816)    292.97223 (15011617)    310.15825 (17011717)
325.41326 (14120718)
 4215740.6 |     259.32869 (16010420)    309.39323 (14121816)    349.04676 (14121816)    341.19958 (15011617)
354.78535 (15011619)
 4215720.6 |     240.36449 (16120906)    298.94411 (16010420)    377.58204 (14121816)    407.95168 (14121816)
395.72024 (15011617)
 4215700.6 |     259.96396 (13111908)    276.95674 (16120906)    349.29732 (16010420)    467.06025 (14121816)
474.54955 (14121816)
 4215680.6 |     272.17941 (16120919)    303.23406 (13111908)    324.01470 (16120906)    422.30249 (14121816)
583.53445 (14121816)
 4215660.6 |     293.20920 (14112117)    318.12358 (14122218)    358.33351 (13111908)    386.32103 (16120907)
551.12675 (14121816)
 4215640.6 |     306.00085 (14121419)    345.69813 (14112117)    378.71602 (14122218)    429.74824 (13111908)
474.41492 (15120921)
 4215620.6 |     317.74533 (13012606)    357.90620 (14121608)    404.07385 (14121419)    466.70137 (14112117)
524.27469 (13111908)
 4215600.6 |     337.59304 (13112007)    380.80755 (15110106)    428.09805 (14010819)    492.79974 (14121608)
581.20953 (14112117)
 4215580.6 |     346.96952 (14111519)    395.32195 (14111519)    457.18593 (15120719)    531.33892 (15110106)
621.50313 (14010819)
 4215560.6 |     359.96651 (14111220)    409.94952 (14111220)    469.05938 (14010720)    553.56150 (15110719)
662.68537 (14111519)
 4215540.6 |     364.05990 (15120817)    419.80482 (15120817)    489.94065 (15120817)    579.47364 (15120817)
697.10969 (15120817)
 4215520.6 |     505.08332 (15110618)    580.84048 (15110618)    676.77075 (15110618)    799.88097 (15110618)
964.91076 (15110618)
 4215500.6 |     511.78812 (14010718)    583.44843 (13112022)    674.75182 (13112022)    784.24989 (13112022)
938.13492 (14121020)
 4215480.6 |     514.13361 (14121020)    585.90071 (14121020)    666.34936 (16112720)    766.64857 (15121208)
911.41213 (14012217)
 4215460.6 |     493.87864 (15121208)    551.50406 (13110818)    645.97934 (14012217)    730.86460 (15012818)
809.91366 (15110219)
 4215440.6 |     483.10961 (15012818)    523.23109 (15012818)    568.55583 (15110219)    672.77421 (15111722)
772.53006 (13111119)
 4215420.6 |     426.89626 (15110219)    495.08915 (15110219)    551.06207 (15122508)    624.59104 (15110619)
713.57199 (14012820)
 4215400.6 |     421.06024 (15111722)    468.61417 (15122508)    510.53419 (15110619)    586.14726 (14012820)
646.53712 (16110522)
 4215380.6 |     400.95091 (15110619)    434.58113 (17012519)    489.50059 (14012820)    534.97562 (16110522)
586.94947 (13122017)
 4215360.6 |     411.47215 (14122918)    414.81625 (14012820)    452.39987 (16110522)    491.43467 (13122017)
529.77903 (14110917)
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 4215340.6 | 396.51090 (13012521)   416.10047 (16110522)   418.65200 (13122017)   432.54070 (14110917)
489.58727 (14110917)
 4215320.6 | 369.43955 (16110522)   389.40435 (13122017)   409.80284 (15013018)   423.71035 (14110917)
424.01417 (16112108)
 4215300.6 | 346.01293 (15111821)   372.77457 (15013018)   402.75744 (14110917)   376.26025 (16112108)
402.28210 (16110521)
 4215280.6 | 337.70262 (15013018)   355.82431 (14110917)   371.28090 (14110917)   346.27913 (16110521)
359.06639 (13111121)
 4215260.6 | 310.62176 (14110917)   344.93021 (14110917)   327.91342 (13121808)   345.84450 (16110521)
335.79353 (16121307)
 4215240.6 | 311.78609 (14110917)   302.67599 (14110917)   314.64499 (16110521)   325.42479 (13111121)
311.33807 (16121307)
 4215220.6 | 285.85605 (14110917)   287.25014 (13121808)   299.09450 (13111121)   306.04814 (14110418)
287.65524 (14122408)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                                INCLUDING SOURCE(S):   REFILLING   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4215200.6 | 254.88190 (13121808)   271.25794 (16110521)   282.30797 (13111121)   289.99768 (14110418)
269.00220 (14122408)
 4215180.6 | 251.29693 (13121808)   261.26128 (13111121)   267.09221 (14110418)   267.59119 (15121718)
270.15445 (14012722)
 4215160.6 | 237.97576 (15112508)   246.66781 (13111121)   254.90597 (14110418)   250.02713 (14122408)
255.30671 (16112721)
 4215140.6 | 230.43372 (13111121)   233.47922 (14110418)   236.33424 (15121718)   239.35538 (14012722)
241.94098 (16112721)
 4215120.6 | 218.62235 (13111121)   224.96527 (14110418)   220.84614 (15111721)   224.68795 (14012722)
227.59368 (15110620)
 4215100.6 | 208.67808 (14110418)   211.01612 (15121718)   210.81659 (14012722)   215.75386 (16112721)
218.35313 (14112820)
 4215080.6 | 203.57489 (14110418)   197.33278 (15111721)   201.90156 (14012722)   204.65240 (16112721)
210.49927 (14112820)
 4215060.6 | 192.71366 (14110418)   186.67877 (14012722)   189.89311 (16112721)   193.56883 (15110620)
200.25276 (14110821)
 4215040.6 | 182.35602 (15121718)   182.62231 (14012722)   184.78160 (16112721)   187.19916 (15110620)
192.43599 (14110821)
 4215020.6 | 172.84464 (15111721)   175.25449 (14012722)   177.83039 (16112721)   182.21470 (14112820)
184.07442 (14110821)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                                INCLUDING SOURCE(S):   REFILLING   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539245.17	539265.17	539285.17	539305.17	539325.17
4216000.6	142.39941 (16011217)	145.06672 (16011818)	145.19198 (16010219)	146.19060 (16010221)	136.97317 (16010221)
4215980.6	152.20070 (16011217)	153.90152 (16011818)	153.47464 (16010219)	155.07979 (16010221)	146.70887 (16010221)
4215960.6	162.01709 (16011217)	162.98934 (16011818)	162.14587 (16010219)	164.68271 (16010221)	157.50225 (16010221)
4215940.6	171.52070 (16011217)	172.09748 (16011818)	171.23178 (16011818)	175.05329 (16010221)	169.41494 (16010221)
4215920.6	180.55177 (15121807)	182.87165 (16011217)	185.35984 (16011818)	186.75293 (17012607)	182.81409 (16010221)
4215900.6	191.76009 (16011117)	198.37457 (16011217)	200.45017 (16011818)	200.75203 (16010219)	197.82953 (16010221)
4215880.6	207.12337 (16011117)	214.08655 (16011217)	216.40298 (16011818)	216.71847 (16010219)	214.60661 (16010221)
4215860.6	221.07539 (16011117)	229.47839 (16011217)	232.91085 (16011818)	234.00714 (16010219)	233.41829 (16010221)
4215840.6	239.48866 (15010808)	244.72445 (15121807)	249.60957 (16011818)	252.90741 (16010219)	254.72918 (16010221)
4215820.6	259.13280 (15120217)	266.71461 (16011117)	274.50807 (16011217)	273.12284 (16010219)	279.16022 (16010221)
4215800.6	283.17102 (14121720)	289.91783 (16011117)	302.52908 (16011217)	303.76510 (16011818)	306.87722 (16010221)
4215780.6	307.52733 (16012122)	318.05999 (15010808)	330.76640 (16011217)	337.77994 (16011818)	339.15909 (16010221)
4215760.6	338.81644 (16121318)	352.00189 (15120217)	362.45793 (16011117)	374.69336 (16011818)	376.59978 (16010221)
4215740.6	366.16142 (16121318)	404.63324 (15120816)	405.17392 (16011117)	419.10034 (16011217)	424.75743 (16010219)
4215720.6	415.07706 (14120718)	459.67513 (15120816)	453.16989 (15010808)	479.52944 (16011217)	482.84291 (16010219)
4215700.6	462.56578 (17011717)	481.00846 (16121318)	561.69745 (15120816)	542.10890 (16011217)	550.55467 (16010219)
4215680.6	546.60541 (14121816)	555.09518 (14120718)	679.99810 (15120816)	626.43516 (16011117)	650.29069 (16011818)
4215660.6	738.77469 (14121816)	642.87332 (15011617)	738.87891 (15120816)	820.40759 (15120816)	769.02843 (16011818)
4215640.6	743.20751 (14121816)	950.32871 (14121816)	803.51281 (17011717)	1105.31079 (15120816)	947.30986 (16011217)
4215620.6	603.48571 (15120921)	1036.18990 (14121816)	1237.72657 (14121816)	1298.98147 (15120816)	1259.87726 (15120816)
4215600.6	676.44010 (14122218)	806.05292 (13111908)	1564.49676 (14121816)	1628.15185 (14121816)	2032.17041 (15120816)
4215580.6	743.04614 (14121608)	927.46555 (14112117)	1150.20399 (13111908)	2530.47547 (14121816)	2761.59058 (15120816)
4215560.6	816.82177 (15120719)	1016.11307 (15110106)	1302.54616 (14121608)	1784.95729 (13111908)	4315.62400 (14121816)
4215540.6	854.74112 (15120817)	1103.13197 (14111220)	1602.33773 (15120916)	2261.15737 (15120916)	3317.50045 (14112117)
4215520.6	1189.63590 (15110618)	1521.04672 (14012720)	2029.05579 (14012720)	2857.98066 (14012720)	4369.00569 (13112022)
4215500.6	1167.82752 (14121020)	1455.08298 (13111718)	1933.19043 (14012217)	2518.13135 (15111722)	3601.06522 (13012521)
4215480.6	1109.86625 (14012217)	1277.77004 (15110219)	1668.13650 (13111119)	2121.17934 (13012521)	2694.34849 (14110917)
4215460.6	988.71577 (15111722)	1180.74775 (15110619)	1415.21209 (13012521)	1762.67686 (14110917)	1989.59919 (14110418)
4215440.6	888.06572 (17012519)	1036.37501 (16110522)	1200.71975 (14110917)	1364.70802 (16110521)	1512.69491 (16112721)
4215420.6	803.53049 (16110522)	899.64311 (15013018)	1017.68827 (14110917)	1131.14450 (14110418)	1213.11936 (14110821)

 4215400.6 | 715.99722 (13122017)   816.71179 (14110917)   863.04108 (16110521)   935.24786 (14111418)
1029.59202 (16110617)
 4215380.6 | 655.65085 (14110917)   686.36492 (16110521)   747.42357 (14110418)   782.79815 (16112721)
861.16061 (16110617)
 4215360.6 | 566.25809 (16112108)   602.98309 (16110521)   648.94688 (14122408)   677.89396 (14112820)
715.78794 (16110617)
 4215340.6 | 513.91941 (16110521)   541.98139 (16121307)   571.71638 (14111418)   600.53119 (13110719)
607.15696 (16111218)
 4215320.6 | 454.23487 (13111121)   479.80204 (14122408)   497.51107 (16112721)   539.14123 (16110617)
541.18005 (16111218)
 4215300.6 | 418.83135 (16121307)   439.23464 (14111418)   451.83905 (16122408)   485.94372 (16110617)
483.10082 (16111218)
 4215280.6 | 380.76510 (16121307)   395.28003 (14111418)   410.76624 (16113007)   433.91530 (16110617)
432.37400 (16111218)
 4215260.6 | 352.29438 (14122408)   353.85798 (16112721)   376.93322 (13110719)   385.28152 (16110617)
387.81397 (16111218)
 4215240.6 | 324.58562 (14111418)   330.21975 (16122408)   344.66176 (16110617)   341.03767 (16110617)
349.39095 (16111218)
 4215220.6 | 295.64026 (15121922)   302.98631 (16113007)   321.72758 (16110617)   308.08925 (16111218)
319.82019 (16111319)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                               INCLUDING SOURCE(S):   REFILLING   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
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- - - - - - - -

 4215200.6 | 268.81173 (16112721)   283.77585 (16113007)   297.77494 (16110617)   288.58727 (16111218)
296.00661 (16111319)
 4215180.6 | 254.78118 (16122408)   265.31269 (13110719)   273.90523 (16110617)   269.93442 (16111218)
274.67143 (16111319)
 4215160.6 | 237.74450 (16122408)   247.06632 (13110719)   250.83116 (16110617)   252.31071 (16111218)
255.30134 (16111319)
 4215140.6 | 246.45600 (14112820)   256.56414 (16110617)   251.22898 (16110617)   252.62135 (16111218)
238.45579 (16111319)
 4215120.6 | 234.80971 (14110821)   245.52504 (16110617)   232.51378 (16121208)   237.40653 (16111218)
223.20474 (16111319)
 4215100.6 | 222.12162 (14110821)   232.21211 (16110617)   218.05117 (16121208)   222.37999 (16111218)
224.15962 (16111319)
 4215080.6 | 211.08521 (16110617)   219.41399 (16110617)   204.07904 (16121208)   208.36854 (16111218)
210.74815 (16111319)
 4215060.6 | 206.21218 (16110617)   206.29582 (16110617)   194.25253 (16111218)   197.39178 (15110419)
198.49563 (16111319)
 4215040.6 | 199.95579 (16110617)   193.14616 (16110617)   187.20990 (16111218)   188.60939 (15110419)
188.62497 (16111319)
 4215020.6 | 193.42300 (16110617)   182.72225 (16121208)   180.17688 (16111218)   180.25372 (15110419)
179.55530 (15121818)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN
***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539345.17	539365.17	539385.17	539405.17	539425.17
4216000.6	137.59419 (16011017)	139.52741 (16010617)	135.84776 (14120121)	136.31786 (13110618)	135.08144 (13110118)
4215980.6	146.11331 (16011017)	148.11352 (16010617)	144.12495 (14120121)	144.32367 (13110618)	143.43447 (13110118)
4215960.6	155.61835 (16011017)	157.62647 (16010617)	153.15384 (14120121)	152.75477 (13110618)	152.13757 (13110118)
4215940.6	166.14910 (16011017)	168.21312 (16010617)	163.08630 (14120121)	161.99413 (17011921)	161.34271 (13110118)
4215920.6	177.93964 (16011017)	179.97756 (16010617)	174.05779 (13112719)	172.71879 (17011921)	173.34447 (16110818)
4215900.6	191.21271 (16011017)	193.27808 (16010617)	186.85750 (13112719)	185.36631 (13110118)	186.46883 (16110818)
4215880.6	206.24448 (16011017)	208.31640 (16010617)	201.99069 (13110618)	200.88189 (13110118)	200.18845 (16110818)
4215860.6	223.38096 (16011017)	225.53031 (16010617)	219.41178 (13110618)	218.00609 (13110118)	214.45185 (16110719)
4215840.6	243.06092 (16011017)	245.15237 (16010617)	239.07749 (13110618)	236.65835 (13110118)	231.21512 (16110719)
4215820.6	265.84808 (16011017)	267.94024 (16010617)	261.35107 (13110618)	257.35674 (16110818)	252.83268 (16110418)
4215800.6	292.47739 (16011017)	294.36481 (16010617)	286.65350 (13110618)	284.51495 (16110818)	276.33375 (16110318)
4215780.6	324.07474 (16011017)	325.61607 (16010617)	315.46283 (13110618)	314.03625 (16110818)	303.63743 (16110318)
4215760.6	361.99753 (16011017)	362.97360 (16010617)	350.81397 (13110118)	346.56158 (16110719)	334.41721 (15111318)
4215740.6	407.77501 (16011017)	407.83402 (16010617)	397.98131 (13110118)	388.53748 (16110418)	371.69594 (15120220)
4215720.6	464.12740 (16011017)	462.71303 (16010617)	453.11230 (13110118)	440.26573 (16110318)	420.52601 (14120706)
4215700.6	534.58593 (16011017)	530.79059 (16010617)	521.85696 (16110818)	498.81481 (14010518)	483.50584 (15112117)
4215680.6	633.38509 (13110518)	616.96604 (16010617)	609.10863 (16110818)	575.10207 (14120421)	542.83366 (15011318)
4215660.6	767.27453 (13110518)	734.39120 (13110618)	716.36577 (16110719)	684.36283 (15112117)	625.91986 (14122020)
4215640.6	950.87690 (13110518)	901.42465 (14120907)	868.28558 (16110318)	808.21188 (15112117)	735.16746 (13111118)
4215620.6	1212.78657 (13110518)	1137.86899 (14120907)	1076.64243 (14120421)	980.35912 (14122020)	876.15813 (13111717)
4215600.6	1602.82406 (13110518)	1504.44697 (13121517)	1464.75817 (13112109)	1214.47866 (14120120)	1068.97798 (16110917)
4215580.6	2215.18793 (13110518)	2122.84684 (16110719)	1946.29691 (13112109)	1561.54774 (16110917)	1228.95720 (15120117)
4215560.6	4261.36856 (15120816)	3709.01523 (13112109)	2621.58372 (13010516)	1902.82316 (13011217)	1459.32233 (13110917)
4215540.6	0.00000 (00000000)	0.00000 (00000000)	3451.91884 (13110917)	2346.26286 (17010909)	1534.27487 (15122322)
4215520.6	0.00000 (00000000)	0.00000 (00000000)	4055.14614 (14021217)	2301.39447 (13111808)	1616.60413 (13111808)
4215500.6	4758.86934 (16112721)	4741.70120 (14110717)	3167.00833 (16032418)	2319.46038 (15121216)	1516.02148 (14021217)
4215480.6	3171.18216 (16110617)	3095.24282 (15012109)	2528.73822 (16122222)	1645.66294 (14012919)	1274.16773 (16112806)

 4215460.6 | 2130.69285 (16110617)   2189.50527 (14110908)   2012.72294 (14110717)   1480.35902 (16122222)
1114.76273 (14012919)
 4215440.6 | 1589.97554 (15110419)   1640.22145 (14110908)   1494.45927 (16110820)   1351.16382 (14110717)
969.82588 (13112817)
 4215420.6 | 1257.00602 (16111319)   1254.92553 (14110908)   1216.65634 (15012109)   1149.69698 (14110717)
998.74647 (16111220)
 4215400.6 | 1026.85376 (16111319)   1003.83304 (13010807)   1011.34262 (15012109)   933.25676 (13111221)
882.31461 (14110717)
 4215380.6 | 854.90634 (16111319)   838.30128 (13010807)   829.64492 (14122407)   803.77315 (16110820)
765.73632 (14110717)
 4215360.6 | 725.18512 (16111319)   710.71807 (13010807)   710.29903 (14110908)   687.77913 (16112022)
659.31374 (16111419)
 4215340.6 | 626.75387 (15121818)   612.88277 (13112018)   627.32071 (14110908)   609.99105 (15012109)
577.32042 (16110820)
 4215320.6 | 547.98075 (15121818)   536.46959 (13112018)   552.07338 (14110908)   536.64760 (15012109)
516.89508 (16110820)
 4215300.6 | 483.66904 (15121818)   475.59324 (15110517)   486.00691 (14110908)   473.20553 (14122407)
460.36521 (16112022)
 4215280.6 | 431.22178 (15121818)   426.41367 (15110517)   428.63708 (14110908)   420.77140 (14122407)
416.82461 (14120620)
 4215260.6 | 387.62429 (16112206)   385.08054 (15110517)   379.06563 (14110908)   382.52797 (17123121)
380.93176 (15012109)
 4215240.6 | 351.70993 (16112206)   349.96786 (15110517)   343.62452 (13010807)   348.78267 (14110908)
345.40062 (15012109)
 4215220.6 | 321.02073 (16112206)   319.60577 (15110517)   316.69397 (13010807)   323.10073 (14110908)
315.18317 (14122407)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                               INCLUDING SOURCE(S):   REFILLING   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
 -
- - - - - - - -

 4215200.6 | 294.55459 (16112206)   293.58203 (15110517)   292.50876 (13010807)   298.35082 (14110908)
290.07359 (14122407)
 4215180.6 | 271.32838 (16112206)   270.89494 (15110517)   270.78060 (13010807)   275.04976 (14110908)
266.67512 (17123121)
 4215160.6 | 251.33950 (13111220)   250.97837 (15110517)   251.23604 (13010807)   253.36550 (14110908)
249.41029 (17123121)
 4215140.6 | 234.35856 (13111220)   233.38307 (15110517)   233.62496 (13010807)   233.34354 (14110908)
232.12073 (17123121)
 4215120.6 | 219.24631 (13111220)   217.89499 (15110517)   217.72327 (13010807)   214.95395 (14110908)
217.87709 (14110908)
 4215100.6 | 205.72559 (13111220)   204.04842 (15110517)   203.33269 (13010807)   198.12254 (14110908)
206.21146 (14110908)
 4215080.6 | 193.69625 (13111220)   191.49208 (15110517)   190.27899 (13010807)   185.39429 (13010807)
194.64994 (14110908)
 4215060.6 | 195.71043 (13111220)   194.96840 (13111822)   194.98414 (13112018)   176.42496 (13010807)
183.48677 (14110908)
 4215040.6 | 186.54416 (13111220)   185.16317 (13111822)   184.90267 (13112018)   168.02637 (13010807)
172.80875 (14110908)
 4215020.6 | 177.60429 (17012706)   176.21311 (13111822)   175.59303 (13112018)   160.16992 (13010807)
162.61008 (14110908)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: REFILLIN
***

INCLUDING SOURCE(S): REFILLING ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539445.17	539465.17	539485.17	539505.17	539525.17
4216000.6	134.67168 (16110818)	131.23328 (16110418)	129.82247 (16110318)	126.24353 (14120421)	124.75168 (14120822)
4215980.6	142.44180 (16110818)	139.64514 (16110418)	136.32747 (14010518)	133.15262 (14120421)	130.90544 (14120822)
4215960.6	150.19437 (16110818)	147.94955 (16110418)	144.18167 (15111318)	140.95602 (14120706)	140.43070 (15112117)
4215940.6	159.38434 (16110719)	157.53667 (16110318)	152.59154 (15111318)	150.29413 (14120706)	148.61516 (15112117)
4215920.6	169.31884 (16110418)	166.99507 (16110318)	162.20877 (15120220)	160.23045 (15112117)	154.80206 (15112117)
4215900.6	182.55945 (16110418)	177.49308 (14010518)	173.51219 (14120706)	172.17388 (15112117)	164.35726 (15011318)
4215880.6	195.53142 (16110418)	189.71950 (15111318)	186.00679 (14120706)	181.77333 (15112117)	175.62397 (16011622)
4215860.6	210.69294 (16110318)	203.43577 (15120220)	201.57724 (15112117)	192.88982 (15011318)	186.50966 (16111007)
4215840.6	225.81604 (14010518)	220.15478 (14120706)	216.58475 (15112117)	207.18396 (16011622)	199.37536 (17013118)
4215820.6	244.68120 (15111318)	238.67982 (15112117)	230.23190 (15011318)	221.71716 (16111007)	213.23433 (14112519)
4215800.6	265.78738 (14120421)	262.48699 (15112117)	249.08919 (16011622)	239.27550 (17013118)	228.88082 (15011907)
4215780.6	293.15613 (14120706)	281.75968 (15112117)	269.98936 (16111007)	258.46541 (13111118)	248.42413 (14120918)
4215760.6	326.65711 (15112117)	308.78098 (16011622)	295.03870 (17013118)	280.57320 (15010819)	265.10610 (14111720)
4215740.6	361.28987 (15112117)	339.37685 (16111007)	322.37984 (13111118)	304.47067 (14120918)	289.93352 (13111717)
4215720.6	397.86998 (16011622)	375.76858 (14112519)	356.68932 (14120918)	335.82815 (13111717)	311.30796 (15010117)
4215700.6	446.51598 (16111007)	418.39522 (15010819)	391.95412 (13111717)	363.36205 (15010117)	349.98895 (16110917)
4215680.6	506.47341 (13111118)	465.56319 (16121408)	432.10702 (14111722)	412.14650 (16110917)	382.65951 (14110817)
4215660.6	580.87622 (14120918)	528.38880 (14120118)	496.47845 (16110917)	455.58106 (14110817)	391.96123 (15120117)
4215640.6	669.94256 (13111717)	614.93722 (16110917)	554.83148 (14110817)	470.44182 (15120117)	426.44683 (13011217)
4215620.6	790.57035 (16110917)	695.32274 (14110817)	581.38611 (13122217)	509.06552 (13011217)	453.25032 (16012718)
4215600.6	902.09437 (14110817)	752.00392 (13011217)	637.99342 (16011919)	557.96937 (13110917)	502.74381 (13110917)
4215580.6	996.91802 (15010317)	837.48617 (13110917)	717.36747 (13110917)	595.52083 (13122417)	492.79094 (13122417)
4215560.6	1130.82917 (13110917)	871.55791 (13122417)	720.58983 (13120417)	611.52329 (15122322)	519.71460 (15122322)
4215540.6	1130.35319 (15122322)	910.56616 (16120520)	748.83858 (16120520)	626.07714 (16120520)	531.25605 (16120520)

 4215520.6 | 1210.83007 (13111808)   949.35332 (13111808)   770.65810 (13111808)   641.51693 (13111808)
544.92624 (13111808)
 4215500.6 | 1171.18102 (16012517)   933.82495 (15111417)   756.24849 (15111417)   618.06335 (16012518)
514.21993 (13111818)
 4215480.6 | 1057.39030 (15110121)   858.96489 (14010920)   706.22799 (13111506)   613.56415 (16012517)
522.03995 (15111920)
 4215460.6 | 932.70705 (16112806)   767.19673 (15110121)   671.12211 (15110121)   564.21339 (14010920)
499.04109 (14010920)
 4215440.6 | 815.89714 (14012919)   698.59320 (17010206)   596.08609 (16112806)   529.51971 (15110121)
474.27883 (15110121)
 4215420.6 | 721.97385 (13112817)   630.67401 (16110219)   546.18090 (17010206)   493.19211 (16112806)
408.16741 (16112806)
 4215400.6 | 741.73665 (16111220)   561.22803 (13112817)   506.04837 (16110219)   436.62078 (17010206)
407.83367 (16112806)
 4215380.6 | 695.20517 (16111220)   555.01205 (16111220)   454.63943 (16111321)   418.46888 (16110219)
360.78576 (14012919)
 4215360.6 | 631.89378 (14110717)   569.69693 (16111220)   421.94744 (16111220)   378.82967 (16111321)
353.77624 (16110219)
 4215340.6 | 556.81916 (14110717)   519.97956 (16111418)   462.74418 (16111220)   354.81097 (13112817)
322.57858 (17012308)
 4215320.6 | 495.58480 (16111419)   480.45429 (14110717)   442.84023 (16111220)   375.22882 (16111220)
305.89904 (13112817)
 4215300.6 | 441.46536 (13111221)   428.63472 (14110717)   405.83598 (16111418)   380.83340 (16111220)
305.45365 (16111220)
 4215280.6 | 404.68772 (16110820)   389.10021 (16111419)   381.64696 (14110717)   354.54785 (16111418)
324.64088 (16111220)
 4215260.6 | 367.33710 (16110820)   354.49411 (13111221)   343.83183 (14110717)   326.69123 (16111122)
314.50708 (16111220)
 4215240.6 | 336.12477 (16112022)   322.94909 (16110820)   316.72286 (15120707)   312.92364 (14110717)
294.59921 (16111418)
 4215220.6 | 309.34414 (14120620)   304.49139 (16110820)   294.16744 (16111419)   284.25495 (14110717)
274.91355 (14110717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                                INCLUDING SOURCE(S):   REFILLING   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4215200.6 | 287.71343 (14120620)   279.61593 (16110820)   270.28091 (13111221)   265.39301 (15120707)
262.77299 (14110717)
 4215180.6 | 267.92990 (15012109)   260.72056 (16112022)   254.55302 (16110820)   249.33032 (16111419)
240.19239 (14110717)
 4215160.6 | 247.36574 (15012109)   241.75569 (14120620)   240.29532 (16110820)   231.80896 (13111221)
226.36670 (15120707)
 4215140.6 | 230.46763 (14122407)   228.80413 (14120620)   222.31077 (16110820)   214.41767 (16110820)
214.61492 (16111419)
 4215120.6 | 216.05025 (14122407)   214.52445 (15012109)   209.96204 (16112022)   206.87077 (16110820)
201.09983 (13111221)
 4215100.6 | 201.44598 (14122407)   202.04125 (15012109)   196.46050 (16112022)   195.75607 (16110820)
188.00046 (13111221)
 4215080.6 | 189.30359 (17123121)   188.64005 (15012109)   187.14242 (14120620)   182.27698 (16110820)
179.16547 (16110820)
 4215060.6 | 179.57010 (17123121)   178.02055 (14122407)   177.53958 (14120620)   174.12749 (16112022)

172.63018 (16110820)
 4215040.6 | 169.74390 (17123121)   169.13947 (14122407)   168.30197 (15012109)   164.42286 (16112022)
163.69013 (16110820)
 4215020.6 | 160.09076 (17123121)   159.79866 (14122407)   159.58393 (15012109)   156.71147 (14120620)
153.52564 (16112022)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                               INCLUDING SOURCE(S):   REFILLING   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4216000.6 | 124.17495 (15112117)   119.52638 (15011318)   117.22470 (16011622)   113.60821 (14121622)
111.02993 (14112519)
 4215980.6 | 129.74428 (15112117)   124.81464 (15012219)   122.33165 (16111007)   119.63714 (17013118)
116.30604 (13111118)
 4215960.6 | 135.19542 (15011318)   132.31769 (16011622)   127.89998 (14121622)   124.97719 (14112519)
121.32227 (15011907)
 4215940.6 | 141.94910 (15011318)   138.70031 (16111007)   135.19904 (17013118)   131.24703 (13111118)
127.13989 (15010819)
 4215920.6 | 151.19476 (16011622)   145.65111 (14121622)   141.67164 (14112519)   137.27408 (15010819)
133.62109 (14120918)
 4215900.6 | 159.48670 (16111007)   154.58946 (14122020)   149.23270 (13111118)   145.37396 (14120918)
138.55909 (15113018)
 4215880.6 | 168.90138 (17013118)   163.72918 (13111118)   158.05090 (15010819)   151.42652 (16121408)
147.80549 (13111717)
 4215860.6 | 179.79240 (14112519)   173.30470 (15011907)   167.51496 (14120918)   160.72811 (14111720)
154.81273 (14120118)
 4215840.6 | 191.94624 (13111118)   185.51921 (14120918)   176.31501 (14111720)   170.85596 (13111717)
162.59277 (15010117)
 4215820.6 | 205.07307 (15010819)   194.66909 (16121408)   189.43574 (13111717)   178.93102 (14111722)
169.87746 (16010717)
 4215800.6 | 219.41683 (14120918)   210.63508 (13111717)   198.93753 (14111722)   187.71810 (15120622)
187.46410 (16110917)
 4215780.6 | 235.12747 (14111720)   223.10607 (14120118)   209.46747 (15010621)   208.30832 (16110917)
196.53037 (14110817)
 4215760.6 | 253.05117 (14120118)   236.46974 (15010117)   233.39125 (16110917)   220.05152 (14110817)
207.76886 (14110817)
 4215740.6 | 269.80882 (15010117)   264.03373 (16110917)   248.54629 (14110817)   231.25723 (14110817)
208.66321 (15120117)
 4215720.6 | 302.13742 (16110917)   283.60030 (14110817)   259.17310 (14110817)   234.80589 (15120117)
219.03908 (13122217)
 4215700.6 | 327.32749 (14110817)   292.50342 (14110817)   266.03231 (15112917)   248.25148 (13011217)
230.30757 (13011217)
 4215680.6 | 332.72435 (14110817)   304.65278 (15112917)   284.44349 (13011217)   258.16831 (15010317)
240.41784 (16011919)
 4215660.6 | 357.11800 (13122217)   324.24519 (13011217)   296.46291 (16011919)   271.87384 (16012718)
249.36293 (13110917)
 4215640.6 | 379.14063 (15010317)   343.77864 (16012718)   311.44438 (13110917)   295.56201 (13110917)
270.14567 (13110917)
 4215620.6 | 405.03483 (13110917)   376.57930 (13110917)   334.51178 (13110917)   299.41818 (13122417)
268.37123 (13122417)
 4215600.6 | 430.52123 (13122417)   379.48799 (13122417)   325.78442 (13122417)   298.62904 (13120417)
271.91790 (13120417)

 4215580.6 | 436.04786 (13120417)   382.66768 (15012007)   345.26573 (15122322)   310.38207 (15122322)
277.44193 (15122322)
 4215560.6 | 440.26663 (15122322)   373.39582 (15122322)   336.11432 (16120520)   306.54706 (16120520)
280.11127 (16120520)
 4215540.6 | 460.89030 (13111206)   406.14689 (13111206)   361.37395 (13111206)   323.80897 (13111206)
292.15231 (13111206)
 4215520.6 | 470.26622 (13111808)   411.16932 (13111808)   363.41686 (13111808)   324.27313 (13111808)
291.71279 (13111808)
 4215500.6 | 454.79044 (13111818)   404.35338 (13111818)   361.21404 (13111818)   324.46379 (13111818)
293.18071 (13111818)
 4215480.6 | 458.16613 (15111417)   405.82318 (15111417)   358.04249 (15111417)   316.29418 (16012518)
281.83510 (16012518)
 4215460.6 | 431.85682 (13111506)   390.61552 (16012517)   350.38891 (16012517)   314.06002 (15111920)
283.95569 (15111417)
 4215440.6 | 401.61027 (14010920)   373.44140 (14010920)   334.95178 (14010920)   299.53162 (13111506)
276.63936 (13111506)
 4215420.6 | 394.08594 (15110121)   358.88499 (15110121)   310.55360 (15110121)   290.19668 (14010920)
269.53700 (14010920)
 4215400.6 | 361.93998 (16112806)   317.12596 (15110121)   308.53411 (15110121)   284.32684 (15110121)
251.44341 (15110121)
 4215380.6 | 343.99338 (17010206)   317.21644 (16112806)   274.09767 (16112806)   257.73238 (15110121)
250.32589 (15110121)
 4215360.6 | 312.40487 (14012919)   295.19624 (17010206)   276.68994 (16112806)   250.24067 (16112806)
213.39542 (16112806)
 4215340.6 | 304.39363 (16110219)   273.68464 (14012919)   255.01182 (17010206)   241.23399 (16112806)
226.41340 (16112806)
 4215320.6 | 279.51202 (17012308)   265.58312 (16110219)   242.20176 (14012919)   221.88201 (17010206)
214.94262 (17010206)
 4215300.6 | 266.55000 (13112817)   245.25486 (17012308)   234.50728 (16110219)   216.34111 (14012919)
194.41465 (17010206)
 4215280.6 | 249.95375 (16111220)   234.45729 (13112817)   217.60680 (17012308)   209.26402 (16110219)
194.76463 (14012919)
 4215260.6 | 275.55025 (16111220)   218.42419 (13112817)   208.05987 (14012921)   194.83090 (17012308)
188.31741 (16110219)
 4215240.6 | 278.37764 (16111220)   233.81548 (16111220)   197.51834 (13112817)   187.00695 (14012921)
175.82385 (17012308)
 4215220.6 | 262.41710 (13011321)   244.51861 (16111220)   198.59797 (16111220)   179.31357 (13112817)
169.13821 (14012921)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                               INCLUDING SOURCE(S):   REFILLING   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
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- - - - - - - -

 4215200.6 | 248.36590 (16111418)   238.77300 (16111220)   213.73245 (16111220)   169.14970 (16111220)
163.44832 (13112817)
 4215180.6 | 235.46000 (14110717)   225.61463 (16111418)   215.46151 (16111220)   186.46357 (16111220)
153.44580 (13112207)
 4215160.6 | 224.72814 (14110717)   212.20442 (16111418)   205.48996 (16111220)   193.14022 (16111220)
162.52759 (16111220)
 4215140.6 | 206.93131 (16111207)   204.70128 (14110717)   196.81767 (16111418)   189.69447 (16111220)
172.38267 (16111220)
 4215120.6 | 196.44175 (15120707)   195.42285 (14110717)   184.82272 (16111122)   180.02754 (13011321)

173.67225 (16111220)
 4215100.6 | 187.27759 (16111419)   181.27620 (16111207)   180.20657 (14110717)   173.04729 (16111418)
167.33214 (16111220)
 4215080.6 | 176.96664 (16111419)   172.73545 (15120707)   172.02657 (14110717)   164.14099 (16111122)
160.73248 (16111418)
 4215060.6 | 167.25281 (13111221)   165.24223 (16111419)   160.56301 (16111207)   160.20795 (14110717)
153.22728 (16111418)
 4215040.6 | 155.89477 (16110820)   157.66742 (16111419)   153.34750 (15120707)   152.92907 (14110717)
146.86975 (16111122)
 4215020.6 | 152.37921 (16110820)   149.52691 (13111221)   147.02142 (16111419)   143.45761 (16111207)
143.58688 (14110717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                               INCLUDING SOURCE(S):   REFILLING   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4216000.6 | 108.12406 (13111118)   105.43502 (15010819)   102.25295 (14120918)   99.48026 (14111720)
98.05970 (13111717)
 4215980.6 | 112.97825 (15010819)   110.36976 (14120918)   105.95380 (15113018)   104.68091 (13111717)
100.85472 (14120118)
 4215960.6 | 118.69050 (14120918)   113.50058 (16121408)   111.64558 (13111717)   108.08986 (14120118)
104.30627 (15010117)
 4215940.6 | 122.65780 (16121408)   119.41971 (14111720)   116.47143 (13111717)   111.73622 (14111722)
107.81007 (15010117)
 4215920.6 | 128.48719 (14111720)   125.86910 (13111717)   120.23608 (14111722)   116.11770 (15010117)
113.32542 (16110917)
 4215900.6 | 136.28326 (13111717)   129.73523 (14120118)   125.38924 (15010117)   121.63119 (16110917)
121.79343 (16110917)
 4215880.6 | 141.58817 (14120118)   136.13400 (15010117)   131.03564 (16010717)   131.24463 (16110917)
124.43587 (16110917)
 4215860.6 | 148.46551 (15010117)   142.11795 (16010717)   142.22250 (16110917)   134.29057 (16110917)
132.41040 (14110817)
 4215840.6 | 154.96870 (16010717)   154.97414 (16110917)   146.07119 (14110817)   143.38011 (14110817)
133.46417 (14110817)
 4215820.6 | 169.91573 (16110917)   160.20511 (14110817)   156.10861 (14110817)   143.58373 (14110817)
134.47538 (15120117)
 4215800.6 | 176.85516 (14110817)   170.86074 (14110817)   155.11199 (14110817)   146.75270 (15120117)
139.27757 (15112917)
 4215780.6 | 187.82428 (14110817)   168.04315 (14110817)   160.53550 (15120117)   151.37136 (13122217)
146.01681 (13011217)
 4215760.6 | 186.12405 (15120117)   176.77035 (15112917)   167.48046 (13122217)   159.91165 (13011217)
147.92075 (13011217)
 4215740.6 | 195.67130 (15112917)   185.89156 (13011217)   174.42486 (13011217)   163.43738 (15010317)
154.85613 (16011919)
 4215720.6 | 207.50479 (13011217)   190.03662 (15010317)   180.26241 (16011919)   170.29539 (16012718)
159.34472 (16113019)
 4215700.6 | 213.83595 (15010317)   200.21628 (16012718)   186.38269 (16113019)   174.42358 (14120318)
169.88520 (13110917)
 4215680.6 | 222.13032 (16113019)   206.02064 (14120318)   199.94590 (13110917)   189.16139 (13110917)
174.87783 (13110917)
 4215660.6 | 240.03873 (13110917)   223.62551 (13110917)   203.16552 (13110917)   188.99782 (13122417)
175.45912 (13122417)

 4215640.6 | 242.21841 (13122417)   223.64966 (13122417)   202.84171 (13122417)   181.46212 (13122417)
172.50136 (13120417)
 4215620.6 | 235.88586 (13122417)   220.79383 (13120417)   205.92937 (13120417)   190.48300 (13120417)
176.99584 (15012007)
 4215600.6 | 246.75925 (15012007)   228.97506 (15122322)   211.88172 (15122322)   195.53094 (15122322)
179.82967 (15122322)
 4215580.6 | 247.37782 (15122322)   220.35453 (15122322)   196.48729 (15122322)   184.55869 (16120520)
174.88089 (16120520)
 4215560.6 | 256.54311 (16120520)   235.68875 (16120520)   216.95561 (16120520)   200.57932 (16120520)
185.88697 (16120520)
 4215540.6 | 265.43690 (13111206)   242.27995 (13111206)   222.42163 (13111206)   205.43017 (13111206)
190.46914 (13111206)
 4215520.6 | 264.42367 (13111808)   241.05131 (13111808)   221.06726 (13111808)   203.93601 (13111808)
188.84700 (13111808)
 4215500.6 | 266.04176 (13111818)   242.51050 (13111818)   223.05815 (13110318)   206.10974 (13110318)
191.10144 (13110318)
 4215480.6 | 251.40408 (16012518)   224.65096 (16012518)   210.33686 (13111818)   197.18983 (13111818)
185.16307 (13111818)
 4215460.6 | 261.53701 (15111417)   239.89021 (15111417)   219.31517 (15111417)   200.49862 (16012518)
184.66209 (16012518)
 4215440.6 | 255.43618 (16012517)   233.42758 (16012517)   215.56155 (15111920)   199.36433 (15111920)
186.51696 (15111417)
 4215420.6 | 244.34230 (14010920)   223.43773 (13111506)   210.02080 (13111506)   196.65409 (16012517)
183.55337 (16012517)
 4215400.6 | 232.31116 (14010920)   221.07102 (14010920)   205.71962 (14010920)   188.18757 (14010920)
175.16562 (13111506)
 4215380.6 | 232.80139 (15110121)   209.12078 (15110121)   190.38807 (14010920)   184.50299 (14010920)
175.15381 (14010920)
 4215360.6 | 214.92140 (15110121)   208.63700 (15110121)   195.32994 (15110121)   177.59525 (15110121)
159.04453 (14010920)
 4215340.6 | 200.81467 (16112806)   181.57822 (15110121)   182.85347 (15110121)   177.42441 (15110121)
167.02161 (15110121)
 4215320.6 | 203.89537 (16112806)   186.84012 (16112806)   163.72779 (16112806)   157.73243 (15110121)
157.89853 (15110121)
 4215300.6 | 192.53789 (17010206)   183.16060 (16112806)   172.52028 (16112806)   155.54431 (16112806)
137.50922 (16120420)
 4215280.6 | 172.09141 (14012919)   172.87186 (17010206)   164.94832 (17010206)   158.44258 (16112806)
146.45630 (16112806)
 4215260.6 | 176.53673 (14012919)   158.29841 (14012919)   155.64548 (17010206)   151.20755 (17010206)
145.07571 (16112806)
 4215240.6 | 170.70470 (16110219)   160.95521 (14012919)   146.14971 (14012919)   140.51654 (17010206)
138.67981 (17010206)
 4215220.6 | 159.72731 (17012308)   155.70679 (16110219)   147.52345 (14012919)   135.41506 (14012919)
127.27467 (17010206)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                               INCLUDING SOURCE(S):   REFILLING   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 153.81771 (14012921)   145.96175 (13120720)   142.83731 (16110219)   135.86562 (14012919)
125.88727 (14012919)
 4215180.6 | 149.53544 (13112817)   140.68324 (16111321)   134.30714 (13120720)   131.67891 (16110219)

125.66555 (14012919)
 4215160.6 | 140.43419 (13112207)   137.30910 (13112817)   129.63598 (16111321)   124.14764 (13120720)
121.93788 (16110219)
 4215140.6 | 141.81296 (16111220)   130.63046 (13112817)   126.51419 (13112817)   119.93355 (16111321)
115.24505 (13120720)
 4215120.6 | 153.43860 (16111220)   124.61208 (13112207)   121.71963 (13112817)   117.09068 (14012921)
111.61236 (17012308)
 4215100.6 | 158.01878 (16111220)   136.32573 (16111220)   116.00320 (13112207)   113.59856 (13112817)
109.07774 (14012921)
 4215080.6 | 155.84454 (16111220)   143.12206 (16111220)   121.05032 (16111220)   108.03935 (13112207)
106.20289 (13112817)
 4215060.6 | 148.87473 (13011321)   144.09733 (16111220)   129.25161 (16111220)   107.45261 (16111220)
100.72036 (13112207)
 4215040.6 | 144.15646 (16111418)   139.77257 (16111220)   132.49560 (16111220)   116.43396 (16111220)
97.38387 (13112207)
 4215020.6 | 136.49889 (16111418)   134.16616 (16111418)   131.02891 (16111220)   121.34631 (16111220)
104.78568 (16111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: REFILLIN
***
                               INCLUDING SOURCE(S):   REFILLING   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        539341.84   4215428.70   1370.08164 (16111218)   539351.84   4215428.70   1372.65290
(13111220)
        539361.84   4215428.70   1358.10565 (13112018)   539371.84   4215428.70   1383.59417
(14110908)
        539381.84   4215428.70   1351.39576 (15012109)   539341.84   4215438.70   1540.22295
(16111218)
        539351.84   4215438.70   1548.22368 (13111220)   539361.84   4215438.70   1547.12408
(14110908)
        539371.84   4215438.70   1538.60393 (15012918)   539381.84   4215438.70   1493.30776
(14110218)
        539341.84   4215448.70   1804.45707 (16110617)   539351.84   4215448.70   1779.03855
(17012706)
        539361.84   4215448.70   1806.71998 (14110908)   539371.84   4215448.70   1791.25716
(15012109)
        539381.84   4215448.70   1668.99982 (16110820)   539341.84   4215458.70   2135.10364
(16110617)
        539351.84   4215458.70   2073.46515 (17012706)   539361.84   4215458.70   2128.50220
(14110908)
        539371.84   4215458.70   2081.04845 (15012109)   539381.84   4215458.70   1946.53508
(16110518)
        539341.84   4215468.70   2531.52513 (16110617)   539351.84   4215468.70   2458.46353
(15112306)
        539361.84   4215468.70   2529.71840 (14110908)   539371.84   4215468.70   2391.49888
(14110218)
        539381.84   4215468.70   2317.86846 (14110717)   539113.88   4215517.52   427.87286
(15110618)
        539096.52   4215515.99   392.33102 (15110618)   539108.26   4215501.18   420.65864
(15110618)
        539096.01   4215500.67   395.75437 (15110618)   539108.26   4215486.38   407.32151
(13112022)
        539094.47   4215485.36   380.16347 (13112022)   539135.32   4215461.36   465.53131
(15121208)

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       539150.13   4215439.91      494.00307  (15012818)              539114.39   4215452.68      412.47113
(15121208)
       539123.07   4215439.40      427.28821  (14012217)              539159.32   4215421.02      477.94530
(15110219)
       539145.02   4215416.43      433.42158  (15110219)              539134.30   4215410.81      405.26436
(15110219)
       539131.75   4215425.11      418.05823  (15012818)              539206.80   4215383.75      544.14620
(16110522)
       539215.99   4215372.52      542.31835  (13122017)              539188.93   4215382.22      499.33999
(14012820)
       539176.17   4215379.67      468.13842  (14012820)              539165.44   4215376.09      435.03555
(17012519)
       539248.79   4215356.71      553.58636  (16110521)              539243.45   4215348.45      518.61328
(16110521)
       539265.58   4215345.25      554.00754  (16121307)              539260.78   4215338.05      521.43561
(16121307)
       539256.25   4215351.38      563.56722  (16110521)              539272.77   4215331.92      525.83068
(14122408)
       539264.78   4215324.99      494.22339  (16121307)              539280.77   4215321.79      502.10379
(14111418)
       539279.97   4215307.14      457.24200  (16112721)              539287.97   4215313.80      487.52694
(16122408)
       539297.83   4215304.74      480.25256  (13110719)              539289.56   4215296.21      447.73861
(16113007)
       539311.15   4215287.68      442.80636  (16110617)              539303.69   4215281.28      436.24413
(16110617)
       539303.69   4215296.21      472.90995  (16110617)              539314.25   4215271.79      398.15078
(16111218)
       539329.09   4215260.48      386.60870  (16111319)              539339.69   4215237.16      349.51946
(15121818)
       539357.36   4215232.92      343.39368  (13111220)              539394.11   4215199.70      288.23783
(14110908)
       539044.99   4215579.21      211.35540  (14111220)              539034.39   4215591.93      197.56671
(14010720)
       539054.88   4215556.59      226.07739  (15120817)              539058.42   4215538.92      226.40891
(14121619)
       539054.88   4215520.55      304.60344  (15110618)              539082.44   4215477.44      346.32336
(13112022)
       539073.96   4215466.13      348.36355  (14121020)              539098.70   4215440.69      372.12762
(13110818)
       539109.30   4215426.56      392.02628  (15012818)              539117.07   4215415.96      375.81874
(16011921)
       539125.55   4215401.11      385.82081  (15110219)              539158.77   4215367.19      414.11590
(14012820)
       539150.29   4215357.30      416.85709  (14012820)              539184.21   4215339.63      415.55925
(13122017)
       539222.37   4215324.79      438.19247  (16112108)              539243.58   4215317.72      445.80400
(13111121)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 631
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  REFILLIN
***
                               INCLUDING SOURCE(S):     REFILLING   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - -
       539371.49   4215194.05      283.27434  (14012108)              539364.42   4215191.93      283.30745
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(15110517)
       539344.64   4215200.41   294.38457 (16112206)   539409.65   4215113.48   213.17122
(14110908)
       539355.94   4215136.80   235.31773 (13111220)   539262.66   4215288.75   413.09840
(14111418)
       539282.44   4215261.19   374.06356 (16113007)   539299.41   4215235.04   341.73953
(16110617)
       539168.92   4215647.77   339.95719 (14112117)   538947.70   4216163.58   78.90484
(17011717)
       539352.12   4215798.21   290.59385 (16011017)   539367.62   4215566.76   3156.86625
(13112109)
       539278.26   4215504.64   1747.71935 (13111718)   539297.51   4215494.11   2162.28798
(15111722)
       539323.66   4215486.12   2921.17707 (14110917)   539342.55   4215482.85   3243.51228
(16110617)
       539367.23   4215481.23   3073.24476 (15012109)   539397.77   4215487.94   2018.06150
(16032418)
       539352.73   4215556.41   3808.53634 (13110518)   539337.83   4215546.05   6129.77421
(14121816)
       539322.94   4215535.70   3415.84741 (15120916)   539308.05   4215525.35   2946.88080
(14012720)
       539293.15   4215514.99   2255.62648 (13112022)   539287.89   4215499.38   2006.04985
(14012217)
       539310.58   4215490.12   2503.75487 (14122918)   539354.89   4215482.04   3216.24212
(13112018)
       539382.50   4215484.59   2765.74505 (16122222)   539391.74   4215503.70   2982.13651
(15121216)
       539385.71   4215519.47   4095.69592 (14021217)   539379.68   4215535.23   4159.04709
(13110917)
       539373.65   4215551.00   3695.09453 (13010516)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                               INCLUDING SOURCE(S):   SPIL1   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
 -
- - - - - - - -

 4216000.6 | 69.33516 (16120919)   72.26822 (13111908)   73.42650 (13111908)   75.22146 (15011822)
77.28211 (16120907)
 4215980.6 | 69.42321 (16120919)   72.89381 (16120919)   76.05654 (13111908)   77.85562 (13111908)
79.37302 (15120921)
 4215960.6 | 71.41470 (14122218)   72.93477 (16120621)   76.61239 (16120919)   80.05870 (13111908)
82.62372 (13111908)
 4215940.6 | 72.86760 (14122218)   75.60682 (14122218)   77.21399 (16120621)   80.46590 (16120919)
84.26604 (13111908)
 4215920.6 | 75.15264 (15120318)   76.70247 (15120318)   79.87327 (14122218)   81.84263 (14122218)
84.42217 (16120919)
 4215900.6 | 77.59057 (14112117)   79.97598 (14112117)   81.75875 (15120318)   84.14547 (14122218)
87.31391 (14122218)
 4215880.6 | 76.03594 (14112117)   81.16879 (14112117)   84.91648 (14112117)   86.85548 (14112117)
88.90326 (15120318)
 4215860.6 | 79.37432 (14121419)   81.68012 (14121419)   84.29069 (14112117)   89.62384 (14112117)
93.13005 (14112117)

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 4215840.6 |     80.47718 (14121608)     83.79818 (14121608)     87.01015 (14121419)     89.33440 (14121419)
93.87360 (14112117)
 4215820.6 |     81.95110 (13012606)     84.55791 (13012606)     88.43468 (14121608)     92.12509 (14121608)
95.91971 (14121419)
 4215800.6 |     81.58051 (14010819)     85.69096 (13012606)     90.06247 (13012606)     93.17861 (13012606)
97.80421 (14121608)
 4215780.6 |     85.01281 (14010819)     88.20199 (14010819)     90.33069 (14010819)     94.33433 (13012606)
99.61143 (13012606)
 4215760.6 |     87.03309 (15110106)     90.22476 (13110819)     93.73688 (13110819)     97.64462 (14010819)
100.65645 (14010819)
 4215740.6 |     87.99568 (13112007)     91.08453 (15110106)     95.91000 (15110106)     99.94673 (15110106)
104.25766 (13110819)
 4215720.6 |     88.97960 (15120719)     92.84687 (13112007)     97.41282 (13112007)    101.29162 (13112007)
105.89191 (15110106)
 4215700.6 |     89.39234 (14111519)     92.85077 (14111519)     97.41649 (15120719)    102.73131 (15120719)
107.65460 (13112007)
 4215680.6 |     99.57997 (15110719)     93.57216 (15110719)     98.14536 (14111519)    103.35778 (14111519)
108.13880 (14111519)
 4215660.6 |    101.73349 (14010720)    102.68776 (15110719)     99.38182 (15110719)    104.58321 (15110719)
109.51236 (15110719)
 4215640.6 |    105.41549 (14111220)    107.13653 (14111220)    109.03892 (14010720)    105.03418 (14010720)
110.11809 (14010720)
 4215620.6 |    108.13145 (14111220)    111.05354 (14111220)    113.67194 (14111220)    107.39545 (14111220)
112.74011 (14111220)
 4215600.6 |    111.22860 (15120817)    112.66873 (15120817)    114.89872 (16013021)    118.48986 (16013021)
124.51380 (16013021)
 4215580.6 |    114.48789 (15120817)    117.47234 (15120817)    120.41102 (15120817)    124.38958 (15120817)
130.83142 (15120817)
 4215560.6 |    110.98862 (16012421)    114.26733 (16012421)    118.55810 (16012421)    122.01719 (16012421)
128.94652 (16012421)
 4215540.6 |    108.76516 (14013007)    112.82747 (14013007)    116.61320 (14013007)    120.62050 (14013007)
126.88522 (14013007)
 4215520.6 |    123.56082 (14012720)    129.40413 (14012720)    135.17313 (14012720)    141.30141 (14012720)
149.75411 (14012720)
 4215500.6 |    156.29104 (14012720)    162.36259 (14012720)    168.75333 (14012720)    175.48359 (14012720)
185.56212 (14012720)
 4215480.6 |    168.07728 (14012720)    172.96509 (14012720)    177.99027 (14012720)    184.10370 (14012720)
191.01358 (16012422)
 4215460.6 |    167.36653 (14010718)    172.29041 (14010718)    177.17600 (14010718)    182.90377 (14010718)
188.62663 (14010718)
 4215440.6 |    168.22504 (13112022)    173.32918 (13112022)    178.98477 (13112022)    183.49111 (13112022)
187.54130 (13112022)
 4215420.6 |    157.00117 (13112022)    158.85224 (16011321)    168.90098 (16011321)    178.69305 (16011321)
188.02448 (16011321)
 4215400.6 |    166.57746 (16011321)    173.18261 (16011321)    178.18619 (16011321)    182.06951 (16011321)
188.55804 (14121020)
 4215380.6 |    161.53230 (14121020)    166.94865 (16112720)    172.90741 (16112720)    179.69939 (13111718)
190.94114 (13111718)
 4215360.6 |    165.88414 (13111718)    173.64200 (13111718)    179.61886 (13111718)    185.70182 (13121818)
191.89252 (13121818)
 4215340.6 |    168.36869 (13121818)    172.83708 (13121818)    180.17538 (13110818)    184.41941 (13110818)
185.50768 (13110818)
 4215320.6 |    166.76971 (13110818)    167.50439 (13110818)    167.59235 (14012217)    178.24742 (14012217)
186.22851 (14012217)
 4215300.6 |    158.77105 (14012217)    166.57763 (14012217)    174.84362 (15112517)    180.85677 (15112517)
189.20020 (16011921)
 4215280.6 |    164.34575 (15112517)    169.33740 (16011921)    174.88818 (16011921)    175.90727 (16011921)
173.08162 (16011921)
 4215260.6 |    162.94421 (16011921)    162.35613 (16011921)    157.41056 (16011921)    148.55903 (16011921)
149.32668 (15110219)
 4215240.6 |    144.42176 (16011921)    135.14446 (16011921)    135.81197 (15110219)    152.53558 (15110219)
170.03438 (15111722)
 4215220.6 |    124.51865 (15110219)    139.66694 (15110219)    155.03020 (15111722)    170.08871 (15111722)
180.28748 (15111722)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1
***

INCLUDING SOURCE(S): SPIL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538745.17	538765.17	538785.17	538805.17	538825.17
4215200.6	142.22869 (15111722)	156.86219 (15111722)	167.00405 (15111722)	170.21940 (15111722)	174.26101 (14122917)
4215180.6	155.42467 (15111722)	160.39438 (15111722)	159.99315 (14122917)	166.90726 (14122917)	173.56879 (16123020)
4215160.6	151.00869 (15111722)	156.15086 (14122917)	161.51122 (16123020)	166.54279 (13111119)	171.16795 (15110619)
4215140.6	150.11520 (14122917)	155.71688 (16123020)	160.67394 (13111119)	164.98508 (15110619)	164.15107 (15110619)
4215120.6	150.32238 (13111119)	153.39254 (13111119)	157.25719 (15110619)	153.28184 (15110619)	153.31087 (14122918)
4215100.6	148.71254 (15110619)	149.12927 (15110619)	142.20594 (15110619)	150.53122 (14122918)	161.07656 (14122918)
4215080.6	140.42973 (15110619)	131.88696 (14122918)	147.27622 (14122918)	154.99908 (14122918)	154.61412 (13121819)
4215060.6	130.58862 (14122918)	143.63675 (14122918)	148.82542 (14122918)	149.92584 (13121819)	155.59918 (13121819)
4215040.6	139.69246 (14122918)	142.62139 (14122918)	145.26571 (13121819)	149.31565 (13012521)	152.90267 (13012521)
4215020.6	136.44000 (14122918)	140.65729 (13121819)	144.30428 (13012521)	146.55462 (13012521)	138.60336 (13012521)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1
***

INCLUDING SOURCE(S): SPIL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538845.17	538865.17	538885.17	538905.17	538925.17
4216000.6	79.53263 (16120906)	81.60576 (13110718)	85.19356 (16010420)	99.15068 (16010420)	109.55284 (16010420)
4215980.6	81.68227 (16120907)	84.19572 (16120906)	86.47012 (13110718)	91.10811 (16010420)	106.16727 (16010420)
4215960.6	83.88174 (15120921)	86.49282 (16120907)	89.34515 (16120906)	91.85641 (13110718)	97.71136 (16010420)
4215940.6	87.76161 (13111908)	88.76631 (15120921)	91.76995 (16120907)	95.03936 (16120906)	97.84784 (13110718)
4215920.6	88.94672 (16120919)	93.29473 (13111908)	94.76770 (13111908)	98.00924 (15120921)	101.36878 (16120906)

 4215900.6 | 89.33556 (16120621)   94.31663 (16120919)   99.25450 (13111908)   101.81320 (13111908)
104.91278 (15120921)
 4215880.6 | 92.95253 (14122218)   95.30490 (16120621)   99.99140 (16120919)   105.67334 (13111908)
109.57987 (13111908)
 4215860.6 | 95.38226 (15120318)   98.69455 (14122218)   102.42387 (14122218)   105.95064 (16120919)
112.55089 (13111908)
 4215840.6 | 99.28440 (14112117)   102.31786 (14112117)   104.87508 (15120318)   110.16650 (14122218)
113.28799 (16120621)
 4215820.6 | 98.19460 (14121419)   105.08369 (14112117)   110.38185 (14112117)   113.47237 (15120318)
118.14664 (14122218)
 4215800.6 | 101.95968 (14121608)   106.41427 (14121419)   110.20765 (14112117)   118.23596 (14112117)
123.09330 (14112117)
 4215780.6 | 103.40519 (13012606)   108.95149 (14121608)   113.95180 (14121419)   118.81060 (14121419)
125.46032 (14112117)
 4215760.6 | 104.53138 (13012606)   110.99040 (13012606)   115.67592 (13012606)   122.39112 (14121608)
128.54670 (14121419)
 4215740.6 | 108.66228 (14010819)   112.92038 (14010819)   116.70417 (13012606)   124.76175 (13012606)
130.64632 (13012606)
 4215720.6 | 111.52494 (15110106)   116.43825 (13110819)   121.75065 (13110819)   127.77597 (14010819)
131.67669 (14010819)
 4215700.6 | 113.37326 (13112007)   118.18816 (13112007)   124.91533 (15110106)   131.75414 (15110106)
138.67409 (13110819)
 4215680.6 | 113.32988 (15120719)   120.36040 (15120719)   126.87179 (13112007)   134.49221 (13112007)
140.86371 (13112007)
 4215660.6 | 114.08534 (15110719)   121.05179 (14111519)   127.95324 (14111519)   134.31326 (15120719)
144.09453 (15120719)
 4215640.6 | 115.49786 (16013020)   122.26446 (15110719)   129.72493 (15110719)   136.97014 (15110719)
144.48043 (14111519)
 4215620.6 | 128.75772 (14111220)   134.52369 (14111220)   130.20413 (14010720)   138.23368 (14010720)
146.28250 (14010720)
 4215600.6 | 130.76241 (16013021)   138.06177 (14111220)   145.87505 (14111220)   141.32351 (14111220)
150.52729 (14111220)
 4215580.6 | 137.67183 (15120817)   144.92563 (15120817)   151.25873 (15120817)   154.93764 (15120817)
150.47047 (15120817)
 4215560.6 | 136.46234 (16012421)   144.62877 (16012421)   152.17472 (16012421)   157.35909 (16012421)
165.11353 (15120817)
 4215540.6 | 133.71051 (14013007)   141.16873 (14013007)   148.58574 (14013007)   155.05581 (14013007)
162.98155 (14013007)
 4215520.6 | 159.02622 (14012720)   169.23091 (14012720)   179.73525 (14012720)   189.59783 (14012720)
201.82183 (15110618)
 4215500.6 | 195.48860 (14012720)   206.26521 (14012720)   217.99426 (14012720)   229.47510 (14012720)
242.22311 (15110618)
 4215480.6 | 200.08407 (16012422)   209.67692 (16012422)   218.56965 (16012422)   230.07683 (14010718)
243.34545 (14010718)
 4215460.6 | 197.68678 (13112022)   207.60844 (13112022)   218.90328 (13112022)   230.41630 (13112022)
242.01003 (13112022)
 4215440.6 | 192.00952 (13112022)   195.87604 (13112022)   203.49211 (16011321)   220.82444 (16011321)
237.22205 (16011321)
 4215420.6 | 197.66999 (16011321)   205.43581 (16011321)   214.68323 (14121020)   227.39812 (14121020)
239.26102 (16112720)
 4215400.6 | 195.41958 (16112720)   203.50622 (16112720)   211.19463 (13111718)   227.23161 (13111718)
241.23646 (13111718)
 4215380.6 | 199.59282 (13111718)   205.85390 (13111718)   215.25220 (13121818)   227.83873 (13110818)
239.04420 (13110818)
 4215360.6 | 199.46684 (13110818)   204.95568 (13110818)   208.58441 (13110818)   221.16953 (14012217)
236.51869 (14012217)
 4215340.6 | 189.71481 (14012217)   201.85623 (14012217)   210.92629 (15112517)   222.31596 (15112517)
235.14870 (16011921)
 4215320.6 | 196.14237 (15112517)   203.37297 (16011921)   211.16361 (16011921)   212.35309 (16011921)
206.66651 (16011921)
 4215300.6 | 193.09538 (16011921)   191.16929 (16011921)   183.60996 (16011921)   184.06481 (15110219)
208.17387 (15110219)
 4215280.6 | 164.89669 (16011921)   165.27520 (15110219)   186.56199 (15110219)   208.97291 (15111722)
226.87924 (15111722)
 4215260.6 | 168.47638 (15110219)   189.14031 (15111722)   206.76911 (15111722)   214.59615 (15111722)
220.68983 (14122917)
 4215240.6 | 187.35390 (15111722)   197.65823 (15111722)   200.19254 (14122917)   209.98839 (16123020)
219.43664 (13111119)
 4215220.6 | 182.88766 (15111722)   191.34053 (14122917)   199.61086 (16123020)   207.74814 (13111119)

214.20523 (15110619)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1 ***

INCLUDING SOURCE(S): SPIL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538845.17	538865.17	538885.17	538905.17	538925.17
4215200.6	181.37827 (16123020)	189.24705 (13111119)	196.22875 (15110619)	199.35147 (15110619)	192.17285 (14122918)
4215180.6	179.99016 (13111119)	185.23008 (15110619)	183.63411 (15110619)	186.11748 (14122918)	202.51480 (14122918)
4215160.6	174.51943 (15110619)	168.21220 (15110619)	178.96902 (14122918)	191.16632 (14122918)	196.67363 (13121819)
4215140.6	155.51229 (14122918)	172.60009 (14122918)	179.66346 (14122918)	186.08311 (13121819)	194.64491 (13012521)
4215120.6	166.97673 (14122918)	170.81021 (14122918)	176.71048 (13121819)	183.47169 (13012521)	180.69038 (13012521)
4215100.6	161.67797 (14122918)	169.40827 (13121819)	174.30083 (13012521)	170.27209 (13012521)	172.71242 (16110522)
4215080.6	162.36842 (13121819)	166.74966 (13012521)	160.78814 (13012521)	163.65143 (16110522)	164.57088 (13012022)
4215060.6	159.62562 (13012521)	152.86618 (13012521)	155.63856 (16110522)	156.37905 (13012022)	161.64484 (15013018)
4215040.6	145.48724 (13012521)	148.49027 (16110522)	149.08675 (13012022)	154.07381 (15111821)	169.06364 (15013018)
4215020.6	141.89988 (16110522)	142.19094 (13012022)	147.12552 (15111821)	161.35140 (15013018)	164.17501 (15013018)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1 ***

INCLUDING SOURCE(S): SPIL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538945.17	538965.17	538985.17	539005.17	539025.17
4216000.6	114.37009 (16010420)	117.75965 (16121317)	118.33683 (16121317)	122.72481 (15120918)	129.67564 (15011617)
4215980.6	117.05134 (16010420)	121.45642 (16010420)	125.67550 (16121317)	124.91209 (14121719)	131.18678 (15120918)

 4215960.6 | 113.99874 (16010420)   125.34955 (16010420)   129.14991 (16010420)   134.15449 (16121317)
134.56938 (15120918)
 4215940.6 | 105.11393 (16010420)   122.76526 (16010420)   134.56437 (16010420)   137.71221 (16121317)
143.22147 (16121317)
 4215920.6 | 104.53747 (13110718)   113.44055 (16010420)   132.63385 (16010420)   144.83150 (16010420)
149.10893 (16121317)
 4215900.6 | 108.42134 (16120906)   112.04599 (13110718)   122.87280 (16010420)   143.80203 (16010420)
156.31058 (16010420)
 4215880.6 | 112.58852 (15120921)   116.38035 (16120907)   120.52048 (13110718)   133.62481 (16010420)
156.51394 (16010420)
 4215860.6 | 118.14320 (13111908)   121.12095 (15120921)   125.65470 (16120907)   130.14146 (13110718)
145.96668 (16010420)
 4215840.6 | 120.45260 (16120919)   127.57813 (13111908)   130.65827 (15120921)   136.19440 (16120907)
141.17533 (13110718)
 4215820.6 | 122.52736 (14122218)   129.36390 (16120919)   137.98863 (13111908)   141.81265 (13111908)
148.23346 (16120907)
 4215800.6 | 126.43726 (15120318)   133.48858 (14122218)   138.86446 (16120919)   149.46160 (13111908)
155.95755 (13111908)
 4215780.6 | 133.72043 (14112117)   138.22094 (15120318)   145.07451 (14122218)   150.64751 (16120621)
162.11859 (13111908)
 4215760.6 | 133.74397 (14121419)   144.01458 (14112117)   152.09339 (14112117)   157.06631 (14122218)
166.60998 (14122218)
 4215740.6 | 138.93559 (14121608)   146.60243 (14121419)   153.31932 (14112117)   166.78368 (14112117)
174.09660 (15120318)
 4215720.6 | 141.85187 (13012606)   149.39543 (13012606)   159.74598 (14121608)   169.33807 (14121419)
180.89867 (14112117)
 4215700.6 | 146.07912 (14010819)   152.14996 (14010819)   163.42205 (13012606)   173.37666 (13012606)
186.54314 (14121608)
 4215680.6 | 150.71572 (15110106)   159.41019 (13110819)   169.01139 (14010819)   178.31610 (14010819)
191.26907 (13012606)
 4215660.6 | 153.22649 (13112007)   163.60874 (13112007)   173.59083 (15110106)   186.59164 (15110106)
199.10999 (13110819)
 4215640.6 | 154.83914 (14111519)   164.56197 (14111519)   177.21820 (15120719)   190.56250 (13112007)
205.42287 (13112007)
 4215620.6 | 156.20476 (15110719)   167.81096 (15110719)   179.21131 (15110719)   192.43817 (14111519)
208.08444 (14111519)
 4215600.6 | 160.05872 (14111220)   169.74594 (14111220)   181.20147 (14010720)   195.17924 (14010720)
210.25101 (15110719)
 4215580.6 | 159.13632 (16013021)   171.75736 (15110220)   185.43465 (15110220)   200.16885 (15110220)
216.74465 (14111220)
 4215560.6 | 163.22853 (15120817)   175.64063 (15120817)   189.41011 (15120817)   204.64674 (15120817)
221.68569 (15120817)
 4215540.6 | 162.41035 (14013007)   173.93978 (14013007)   186.79721 (14013007)   201.69038 (14121619)
218.90997 (14121619)
 4215520.6 | 215.09860 (15110618)   224.62190 (15110618)   243.24855 (15110618)   264.67546 (15110618)
289.26342 (15110618)
 4215500.6 | 256.89250 (15110618)   272.96982 (15110618)   281.39403 (15110618)   303.51585 (15110618)
328.00027 (15110618)
 4215480.6 | 255.88537 (14010718)   268.99288 (14010718)   280.76085 (14010718)   286.68796 (13112022)
311.80389 (13112022)
 4215460.6 | 253.49595 (13112022)   263.09342 (13112022)   270.24974 (13112022)   274.49071 (16011321)
305.64406 (14121020)
 4215440.6 | 254.77001 (16011321)   269.43979 (14121020)   287.28074 (14121020)   303.98485 (14121020)
312.37193 (16112720)
 4215420.6 | 253.59803 (16112720)   266.85693 (13111718)   285.56772 (13111718)   299.90972 (13121818)
317.46630 (13110818)
 4215400.6 | 255.73515 (13121818)   269.78306 (13110818)   282.65848 (13110818)   291.65616 (14012217)
316.53145 (14012217)
 4215380.6 | 246.48724 (13110818)   264.89026 (14012217)   279.38063 (14012217)   292.12582 (15012818)
307.17096 (16011921)
 4215360.6 | 250.64049 (15112517)   263.73680 (16011921)   270.71242 (16011921)   266.40619 (16011921)
270.15614 (15110219)
 4215340.6 | 240.74686 (16011921)   234.88431 (16011921)   235.07990 (15110219)   266.63649 (15110219)
294.62702 (15111722)
 4215320.6 | 207.22809 (15110219)   234.52265 (15110219)   260.94073 (15111722)   277.08674 (15111722)
286.89775 (14122917)
 4215300.6 | 234.02903 (15111722)   250.04167 (15111722)   256.15082 (14122917)   269.94047 (16123020)
282.92775 (13111119)
 4215280.6 | 232.61223 (15111722)   242.93603 (14122917)   255.07862 (13111119)   265.58453 (15110619)

263.31830 (15110619)
 4215260.6 | 230.59435 (16123020)   241.13708 (13111119)   247.76758 (15110619)   240.98869 (14122918)
265.83436 (14122918)
 4215240.6 | 228.15438 (15110619)   228.91186 (15110619)   232.62357 (14122918)   248.58199 (14122918)
258.61398 (13121819)
 4215220.6 | 209.71929 (15110619)   223.63077 (14122918)   233.17366 (14122918)   243.27764 (13121819)
249.76046 (13012521)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                                INCLUDING SOURCE(S):   SPIL1   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
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 4215200.6 | 213.45278 (14122918)   218.45297 (14122918)   229.56139 (13012521)   234.02816 (13012521)
235.42180 (16110522)
 4215180.6 | 206.61779 (13121819)   217.43455 (13012521)   219.83124 (13012521)   220.42360 (16110522)
223.76902 (15111821)
 4215160.6 | 206.22034 (13012521)   206.87825 (13012521)   207.07360 (16110522)   209.34610 (15111821)
225.50227 (15013018)
 4215140.6 | 193.35552 (13012521)   194.80968 (16110522)   196.26225 (13012022)   211.53882 (15013018)
223.05455 (15013018)
 4215120.6 | 183.02524 (16110522)   184.75603 (13012022)   197.44276 (15013018)   210.80415 (15013018)
200.37439 (15013018)
 4215100.6 | 174.14033 (13012022)   184.12913 (15013018)   199.38182 (15013018)   192.95849 (15013018)
200.49266 (14110917)
 4215080.6 | 172.10399 (15013018)   188.13493 (15013018)   185.05934 (15013018)   182.42152 (14110917)
207.01973 (14110917)
 4215060.6 | 177.15240 (15013018)   176.81691 (15013018)   164.81474 (14110917)   192.51832 (14110917)
199.03289 (14110917)
 4215040.6 | 169.91675 (15013018)   155.33327 (15013018)   177.73413 (14110917)   189.59552 (14110917)
178.40195 (14110917)
 4215020.6 | 152.13002 (15013018)   164.32854 (14110917)   179.81752 (14110917)   174.90066 (14110917)
166.56651 (16112108)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                                INCLUDING SOURCE(S):   SPIL1   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
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- - - - - - - -

 4216000.6 | 131.74559 (15011617)   135.28559 (15011619)   138.84412 (14120718)   140.29950 (15010521)
144.12593 (16121318)
 4215980.6 | 139.53705 (15011617)   141.12065 (17011717)   144.50117 (15011619)   148.95343 (14120718)
147.04034 (15010521)
 4215960.6 | 141.89225 (15011617)   149.24707 (15011617)   151.55304 (17011717)   155.42228 (14120718)
158.23511 (15010521)
 4215940.6 | 146.11238 (15120918)   155.23751 (15011617)   158.35341 (15011617)   163.52055 (15011619)
168.76615 (14120718)
 4215920.6 | 152.88347 (16121317)   158.35360 (15120918)   169.00722 (15011617)   171.91291 (17011717)
175.40797 (14120718)
 4215900.6 | 161.76325 (16121317)   163.07462 (16121317)   171.65590 (15011617)   182.74288 (15011617)
186.35910 (15011619)
 4215880.6 | 169.24016 (16010420)   175.76874 (16121317)   177.58392 (15120918)   190.80125 (15011617)
195.82377 (17011717)
 4215860.6 | 171.11928 (16010420)   183.79838 (16010420)   191.26717 (16121317)   196.07839 (15120918)
210.99461 (15011617)
 4215840.6 | 160.29490 (16010420)   188.00700 (16010420)   200.28356 (16010420)   208.33056 (16121317)
216.07535 (15120918)
 4215820.6 | 154.31314 (16120906)   177.06251 (16010420)   207.66218 (16010420)   218.97182 (16010420)
227.00645 (16121317)
 4215800.6 | 162.16991 (16120907)   169.71121 (16120906)   196.82258 (16010420)   230.70765 (16010420)
246.22922 (14121816)
 4215780.6 | 172.25140 (13111908)   178.82824 (15120921)   187.88620 (16120906)   220.44685 (16010420)
258.05135 (16010420)
 4215760.6 | 177.27844 (16120919)   190.96976 (13111908)   198.83308 (15120921)   209.56140 (16120906)
249.02283 (16010420)
 4215740.6 | 184.49109 (14122218)   194.36539 (16120919)   212.53416 (13111908)   222.54213 (15120921)
235.80261 (16120906)
 4215720.6 | 194.99388 (14112117)   203.51660 (14122218)   216.45715 (14122218)   237.40659 (13111908)
250.96515 (15120921)
 4215700.6 | 198.40463 (14121419)   216.35485 (14112117)   230.01726 (14112117)   246.13767 (14122218)
266.21824 (13111908)
 4215680.6 | 204.56556 (13012606)   221.54819 (14121608)   236.41391 (14121419)   262.97866 (14112117)
279.31677 (14122218)
 4215660.6 | 212.47391 (14010819)   227.94753 (13012606)   246.58548 (13012606)   269.92544 (14121419)
296.62609 (14112117)
 4215640.6 | 221.37706 (15110106)   238.90402 (13110819)   258.26284 (14010819)   278.56252 (13012606)
306.27157 (13012606)
 4215620.6 | 225.65372 (15120719)   246.06605 (13112007)   268.39578 (13112007)   295.19450 (15110106)
322.99633 (13110819)
 4215600.6 | 229.89699 (15110719)   249.43145 (15110719)   274.04738 (14111519)   301.58687 (15120719)
336.92059 (15120719)
 4215580.6 | 235.56010 (14111220)   255.45290 (14111220)   278.34996 (14010720)   306.83652 (14010720)
344.54218 (15110719)
 4215560.6 | 240.42264 (15120817)   261.28051 (15120817)   284.47257 (15120817)   314.61823 (15110220)
353.23862 (15110220)
 4215540.6 | 238.26528 (14121619)   260.57033 (14121619)   286.47693 (14121619)   317.06541 (14121619)
353.86492 (14121619)
 4215520.6 | 316.89698 (15110618)   348.99640 (15110618)   386.61636 (15110618)   431.63769 (15110618)
486.25396 (15110618)
 4215500.6 | 354.82095 (15110618)   384.86410 (15110618)   418.56732 (15110618)   456.94537 (15110618)
505.71704 (14010718)
 4215480.6 | 338.50528 (13112022)   366.85496 (13112022)   396.39158 (13112022)   427.58907 (16011321)
493.10238 (14121020)
 4215460.6 | 340.11290 (14121020)   375.30159 (14121020)   409.34055 (14121020)   447.56244 (16112720)
485.47995 (13111718)
 4215440.6 | 330.84192 (16112720)   359.51489 (15121208)   392.53138 (15121208)   425.01239 (13110818)
480.45811 (14012217)
 4215420.6 | 340.56007 (13110818)   368.89916 (14012217)   406.38754 (14012217)   435.97793 (15012818)
439.50780 (16011921)
 4215400.6 | 339.36074 (15012818)   361.28541 (16011921)   374.89282 (16011921)   385.48015 (15110219)
443.75284 (15110219)
 4215380.6 | 312.07261 (16011921)   319.74968 (15110219)   368.12739 (15111722)   410.52262 (15111722)
433.35712 (14122917)
 4215360.6 | 309.01940 (15110219)   345.72276 (15111722)   366.51466 (14122917)   396.80528 (13111119)
418.87573 (15110619)
 4215340.6 | 312.19957 (15111722)   334.05342 (16123020)   359.29765 (13111119)   370.82870 (15110619)

399.00479 (14122918)
 4215320.6 | 305.82989 (13111119)   325.21933 (15110619)   326.47665 (14122918)   359.33923 (14122918)
383.62159 (13012521)
 4215300.6 | 293.03463 (15110619)   304.10746 (14122918)   325.32164 (14012820)   345.99734 (13012521)
359.90523 (16110522)
 4215280.6 | 283.90831 (14122918)   296.31669 (13121819)   314.19682 (13012521)   325.10554 (16110522)
339.04781 (15111821)
 4215260.6 | 275.26819 (13121819)   288.43791 (13012521)   295.96619 (16110522)   306.41068 (15111821)
327.98924 (15013018)
 4215240.6 | 267.32179 (13012521)   271.93217 (16110522)   280.25529 (15111821)   299.49046 (15013018)
289.63781 (15013018)
 4215220.6 | 252.44897 (16110522)   258.44529 (15111821)   277.29545 (15013018)   273.17021 (15013018)
303.98038 (14110917)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                                INCLUDING SOURCE(S):   SPIL1   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
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- - - - - - - -

 4215200.6 | 240.01276 (15111821)   258.63465 (15013018)   258.82084 (15013018)   274.22513 (14110917)
289.53290 (14110917)
 4215180.6 | 241.72103 (15013018)   246.30110 (15013018)   247.36423 (14110917)   272.44681 (14110917)
260.98829 (16112108)
 4215160.6 | 234.37926 (15013018)   223.07780 (14110917)   254.14752 (14110917)   247.93897 (14110917)
247.30448 (13121808)
 4215140.6 | 206.43308 (15013018)   236.26690 (14110917)   239.86480 (14110917)   227.57479 (16112108)
240.69288 (13121808)
 4215120.6 | 218.26410 (14110917)   230.41286 (14110917)   217.60420 (16112108)   227.68121 (13121808)
232.51031 (15112508)
 4215100.6 | 219.30276 (14110917)   208.56079 (14110917)   209.69066 (13121808)   218.74610 (13121808)
225.73916 (13111121)
 4215080.6 | 204.82845 (14110917)   193.54448 (16112108)   209.62996 (13121808)   213.93139 (15112508)
214.90638 (13111121)
 4215060.6 | 185.97073 (16112108)   196.52447 (13121808)   199.12201 (15112508)   208.18665 (13111121)
205.17284 (14110418)
 4215040.6 | 179.00105 (13121808)   191.64195 (13121808)   195.52551 (15112508)   197.13602 (13111121)
202.65459 (14110418)
 4215020.6 | 180.66951 (13121808)   183.02731 (15112508)   190.12325 (13111121)   187.80269 (14110418)
193.34629 (14110418)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                                INCLUDING SOURCE(S):   SPIL1   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539145.17	539165.17	539185.17	539205.17	539225.17
4216000.6	146.49441 (16122022)	150.90822 (14121720)	152.29199 (15010808)	155.12459 (16011117)	157.75710 (15121807)
4215980.6	155.27971 (16121318)	158.60375 (14121720)	160.72737 (15120217)	161.86175 (15010808)	165.39339 (15121807)
4215960.6	162.99547 (16121318)	166.09364 (16012122)	170.80564 (15120217)	173.09537 (15010808)	175.52538 (16011117)
4215940.6	167.00873 (15010521)	176.00418 (16121318)	180.98960 (14121720)	182.40749 (15010808)	186.93402 (16011117)
4215920.6	180.37764 (15010521)	186.40363 (16121318)	190.36142 (16012122)	195.25661 (15120217)	196.43737 (16011117)
4215900.6	193.23471 (14120718)	192.02146 (15010521)	201.66058 (16121318)	208.10268 (14121720)	211.71382 (15010808)
4215880.6	202.64374 (15011619)	208.22503 (15010521)	215.94807 (16121318)	221.23058 (14121720)	224.29936 (15010808)
4215860.6	215.91660 (17011717)	223.93378 (14120718)	223.97594 (15010521)	235.14866 (16122022)	243.72411 (15120217)
4215840.6	231.54164 (15011617)	237.58570 (15011619)	245.10820 (14120718)	254.31132 (16121318)	262.37700 (14121720)
4215820.6	242.92095 (15011617)	253.15723 (17011717)	263.40806 (14120718)	266.17424 (15010521)	280.36742 (16012122)
4215800.6	250.95502 (15120918)	274.64282 (15011617)	282.56744 (17011717)	294.52162 (14120718)	305.88978 (16121318)
4215780.6	283.49243 (14121816)	284.44715 (15120918)	307.85822 (15011617)	316.10927 (15011619)	323.99475 (15010521)
4215760.6	290.76181 (16010420)	325.91183 (14121816)	325.02168 (15011617)	345.75979 (17011717)	362.79534 (14120718)
4215740.6	284.06395 (16010420)	332.88732 (14121816)	378.77956 (14121816)	379.84131 (15011617)	395.29158 (15011619)
4215720.6	268.13791 (16120906)	327.92335 (16010420)	406.87088 (14121816)	439.56974 (14121816)	439.93418 (15011617)
4215700.6	289.13569 (13111908)	308.61126 (16120906)	383.63461 (16010420)	503.37193 (14121816)	506.04885 (14121816)
4215680.6	302.51040 (16120919)	337.33603 (13111908)	360.48441 (16120906)	456.57016 (16010420)	627.67410 (14121816)
4215660.6	325.85307 (14112117)	353.53068 (14122218)	398.12613 (13111908)	429.04929 (16120907)	574.68360 (14121816)
4215640.6	340.61719 (14121419)	384.02284 (14112117)	420.21868 (14122218)	475.78698 (13111908)	524.92753 (15120921)
4215620.6	352.53898 (13012606)	397.06440 (14121608)	448.38290 (14121419)	516.70413 (14112117)	577.61379 (16120919)
4215600.6	375.02246 (13112007)	422.90123 (13110819)	474.17277 (14010819)	544.96390 (14121608)	640.30733 (14112117)
4215580.6	384.92488 (15110719)	438.46209 (14111519)	506.33505 (15120719)	587.54943 (15110106)	685.86945 (14010819)
4215560.6	399.62925 (14111220)	454.35222 (14111220)	519.18084 (14010720)	611.25624 (15110719)	729.96505 (14111519)
4215540.6	402.56223 (15120817)	464.43325 (15120817)	541.83080 (15120817)	639.82916 (15120817)	767.13310 (15120817)
4215520.6	553.51134 (15110618)	636.91516 (15110618)	742.27301 (15110618)	877.00653 (15110618)	1056.79261 (15110618)
4215500.6	567.27835 (14010718)	645.77271 (13112022)	745.54643 (13112022)	862.33008 (13112022)	1026.65131 (14121020)
4215480.6	569.95957 (14121020)	649.36345 (14121020)	736.49779 (16112720)	846.08540 (15121208)	998.07392 (14012217)
4215460.6	548.51474 (15121208)	610.44147 (13110818)	714.55232 (14012217)	804.96116 (15012818)	887.21576 (15110219)
4215440.6	536.79277 (15012818)	576.09647 (16011921)	624.76922 (15110219)	743.25005 (15111722)	851.20035 (13111119)
4215420.6	469.79960 (15110219)	549.82132 (15110219)	610.59199 (14122917)	690.94445 (15110619)	787.62454 (14012820)
4215400.6	467.46158 (15111722)	520.54643 (15122508)	564.21250 (15110619)	649.62251 (14012820)	

714.58455 (16110522)
 4215380.6 | 445.94344 (15110619)   481.06094 (17012519)   543.40004 (14012820)   592.93927 (16110522)
650.37500 (13122017)
 4215360.6 | 439.85548 (17012519)   460.49886 (14012820)   502.50878 (16110522)   545.86980 (13122017)
583.32970 (14110917)
 4215340.6 | 423.95354 (13012521)   450.52658 (16110522)   465.69879 (13122017)   473.01362 (14110917)
542.39080 (14110917)
 4215320.6 | 401.05981 (16110522)   422.26598 (13122017)   435.42367 (15013018)   471.33277 (14110917)
468.55735 (16112108)
 4215300.6 | 376.08377 (15111821)   398.78643 (15013018)   431.48138 (14110917)   418.91892 (16112108)
447.87579 (16110521)
 4215280.6 | 362.70783 (15013018)   380.97356 (14110917)   397.21643 (14110917)   384.56777 (16110521)
399.84144 (13111121)
 4215260.6 | 330.98925 (14110917)   371.94890 (14110917)   352.51452 (16112108)   374.54604 (16110521)
373.72862 (16121307)
 4215240.6 | 336.71571 (14110917)   329.27853 (16112108)   341.85314 (16110521)   347.75982 (13111121)
347.09774 (16121307)
 4215220.6 | 306.94688 (14110917)   308.61829 (13121808)   321.28828 (15112508)   326.91620 (14110418)
320.57169 (14122408)

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                               INCLUDING SOURCE(S):   SPIL1   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
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- - - - - - - -

 4215200.6 | 276.86851 (16112108)   295.68456 (16110521)   303.18562 (13111121)   310.75735 (14110418)
300.47713 (14122408)
 4215180.6 | 271.04680 (13121808)   281.22673 (13111121)   286.53324 (14110418)   286.68010 (15121718)
291.91252 (14111418)
 4215160.6 | 257.92351 (16110521)   265.64654 (13111121)   274.37609 (14110418)   271.99482 (14122408)
273.28574 (16112721)
 4215140.6 | 248.77260 (13111121)   250.91164 (14110418)   254.26454 (15121718)   257.21614 (14012722)
259.41580 (16112721)
 4215120.6 | 235.99033 (13111121)   242.74554 (14110418)   238.24365 (14122408)   241.23222 (14012722)
244.08048 (15110620)
 4215100.6 | 224.81588 (14110418)   227.76469 (15121718)   226.81709 (14012722)   232.19556 (16112721)
234.40588 (14112820)
 4215080.6 | 220.46704 (14110418)   213.07175 (15111721)   217.66825 (14012722)   220.32267 (16112721)
226.80673 (14112820)
 4215060.6 | 208.37308 (14110418)   203.05804 (14122408)   204.15181 (16112721)   208.29780 (15110620)
215.80173 (14110821)
 4215040.6 | 197.32714 (15121718)   197.39635 (14012722)   199.50262 (16112721)   202.08886 (15110620)
207.81255 (14110821)
 4215020.6 | 187.32280 (15111721)   189.55040 (14012722)   192.20052 (16112721)   197.01788 (14112820)
198.82816 (14110821)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: SPIL1 ***

INCLUDING SOURCE(S): SPIL1 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539245.17	539265.17	539285.17	539305.17	539325.17
4216000.6	159.01739 (16011217)	162.67505 (16011818)	162.88253 (16010219)	164.01231 (16010221)	152.51965 (16110807)
4215980.6	170.39000 (16011217)	172.62951 (16011818)	171.98860 (16010219)	173.93718 (16010221)	162.08745 (16110807)
4215960.6	181.49679 (16011217)	182.63300 (16011818)	181.36234 (16010219)	184.57909 (16010221)	174.31107 (16010221)
4215940.6	191.85179 (16011217)	192.35094 (16011818)	190.89828 (16010219)	195.96832 (16010221)	187.88396 (16010221)
4215920.6	202.24037 (15121807)	203.72857 (16011217)	206.99920 (16011818)	209.22721 (17012607)	203.11936 (16010221)
4215900.6	214.19700 (16011117)	221.68293 (16011217)	224.26239 (16011818)	224.60827 (16010219)	220.16414 (16010221)
4215880.6	231.66364 (16011117)	239.42573 (16011217)	242.21137 (16011818)	242.55195 (16010219)	239.18409 (16010221)
4215860.6	246.61620 (16011117)	256.11465 (16011217)	260.36636 (16011818)	261.77189 (16010219)	260.46968 (16010221)
4215840.6	267.76513 (15010808)	273.33525 (15121807)	278.12548 (16011818)	282.43909 (16010219)	284.49149 (16010221)
4215820.6	289.10757 (15120217)	297.74025 (16011117)	305.95133 (16011217)	304.11113 (16010219)	311.86218 (16010221)
4215800.6	315.99273 (14121720)	322.98221 (16011117)	337.51587 (16011217)	338.61221 (16011818)	342.73969 (16010221)
4215780.6	343.06623 (16012122)	354.76007 (15010808)	367.89783 (16011217)	376.80182 (16011818)	378.31507 (16010221)
4215760.6	377.65046 (16121318)	392.11443 (15120217)	403.18540 (16011117)	417.20059 (16011818)	419.19609 (17012607)
4215740.6	406.71420 (15010521)	438.37403 (15120816)	450.25050 (16011117)	464.86362 (16011217)	472.56345 (16010219)
4215720.6	461.78230 (14120718)	495.16359 (15120816)	503.59808 (15010808)	532.41860 (16011217)	536.32868 (16010219)
4215700.6	513.71635 (17011717)	533.04880 (15010521)	602.37475 (15120816)	599.08077 (16011217)	609.24457 (16010219)
4215680.6	578.78648 (15011617)	615.06056 (14120718)	728.17745 (15120816)	692.87586 (16011117)	719.39948 (16011818)
4215660.6	790.84043 (14121816)	710.50576 (15011617)	776.68996 (15120816)	866.94499 (15120816)	848.04595 (16011818)
4215640.6	766.60969 (14121816)	1000.84914 (14121816)	884.28879 (17011717)	1171.98459 (15120816)	1041.31340 (16011217)
4215620.6	666.18190 (15120921)	1093.20973 (14121816)	1310.71034 (14121816)	1343.31856 (15120816)	1306.06762 (15120816)
4215600.6	745.38731 (14122218)	884.81351 (13111908)	1647.46276 (14121816)	1695.01968 (14121816)	2137.17604 (15120816)
4215580.6	817.16548 (14121608)	1016.69938 (14112117)	1255.84874 (13111908)	2653.11913 (14121816)	2876.32746 (15120816)
4215560.6	897.00163 (15120719)	1111.46075 (15110106)	1417.38491 (14121608)	1923.29133 (13111908)	4516.02003 (14121816)
4215540.6	935.01396 (15120817)	1204.24462 (14111220)	1677.81683 (15120916)	2353.58110 (15120916)	3524.75179 (14112117)
4215520.6	1299.99081 (15110618)	1652.73739 (14012720)	2189.58719 (14012720)	3053.07787 (14012720)	4623.01102 (13112022)
4215500.6	1279.11233 (14121020)	1583.11150 (13111718)	2087.42843 (14012217)	2691.34497 (15111722)	3824.32339 (13012521)
4215480.6	1213.68757 (14012217)	1390.69738 (15110219)	1807.65118 (13111119)	2284.89620 (13012521)	2878.15577 (14110917)
4215460.6	1084.47263 (15111722)	1289.72081 (15110619)	1539.14821 (13012521)	1909.21810 (14110917)	

2147.03452 (14110418)
 4215440.6 | 976.16355 (17012519)   1135.52414 (16110522)   1301.93550 (14110917)   1489.48041 (16110521)
1644.56105 (16112721)
 4215420.6 | 884.82521 (16110522)   988.68075 (15013018)   1108.38233 (14110917)   1238.40600 (14110418)
1325.97674 (14110821)
 4215400.6 | 790.28081 (13122017)   899.89644 (14110917)   949.30801 (16110521)   1028.81441 (14111418)
1128.95273 (16110617)
 4215380.6 | 724.26023 (14110917)   756.33758 (16110521)   824.53405 (14110418)   862.79386 (16112721)
947.80528 (16110617)
 4215360.6 | 627.45591 (16112108)   666.02198 (13111121)   717.75573 (14122408)   748.89673 (14112820)
785.63131 (16110617)
 4215340.6 | 570.32188 (16110521)   600.83508 (16121307)   633.59274 (14111418)   664.83963 (13110719)
669.12946 (16111218)
 4215320.6 | 504.62567 (13111121)   531.05371 (14122408)   551.92045 (16112721)   595.94343 (16110617)
599.59558 (16111218)
 4215300.6 | 465.45486 (16121307)   488.32617 (14111418)   502.42932 (16122408)   539.73617 (16110617)
536.84733 (16111218)
 4215280.6 | 423.18222 (16121307)   439.48259 (15121922)   456.81717 (16113007)   482.05523 (16110617)
481.06127 (16111218)
 4215260.6 | 392.68553 (14122408)   393.96566 (16112721)   419.73402 (13110719)   426.61980 (16110617)
431.42239 (16111218)
 4215240.6 | 362.16776 (14111418)   368.27913 (16122408)   383.72452 (13110719)   375.37701 (16110617)
388.77943 (13011122)
 4215220.6 | 329.99400 (15121922)   336.93963 (16113007)   358.40631 (16110617)   340.22938 (16111218)
355.23585 (16111319)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                                INCLUDING SOURCE(S):   SPIL1   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4215200.6 | 299.93828 (16112721)   316.91047 (16113007)   332.37166 (16110617)   320.35858 (16111218)
329.60964 (16111319)
 4215180.6 | 284.59412 (16122408)   296.37082 (13110719)   305.46971 (16110617)   300.75607 (16111218)
306.43298 (16111319)
 4215160.6 | 265.76209 (16122408)   276.18984 (13110719)   278.86567 (16110617)   281.80034 (16111218)
285.22042 (16111319)
 4215140.6 | 264.01679 (14112820)   275.07660 (16110617)   267.58051 (16110617)   274.19014 (16111218)
266.66395 (16111319)
 4215120.6 | 252.03670 (14110821)   264.27087 (16110617)   248.87915 (16121208)   257.88949 (16111218)
249.76933 (16111319)
 4215100.6 | 239.15380 (13110719)   250.23524 (16110617)   233.30470 (16121208)   241.49359 (16111218)
243.42487 (16111319)
 4215080.6 | 227.63643 (13110719)   236.44992 (16110617)   218.04116 (16121208)   226.09201 (16111218)
228.85657 (16111319)
 4215060.6 | 222.12242 (16110617)   221.95681 (16110617)   210.25465 (16111218)   213.02017 (13011122)
215.51105 (16111319)
 4215040.6 | 216.32057 (16110617)   207.17400 (16110617)   203.33623 (16111218)   202.92866 (13011122)
204.92919 (16111319)
 4215020.6 | 209.88183 (16110617)   197.22514 (16121208)   196.23336 (16111218)   193.67470 (15110419)
195.44124 (15121818)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                              INCLUDING SOURCE(S):   SPIL1   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
 -
- - - - - - - -

 4216000.6 | 153.80404 (16011017)   156.19241 (16010617)   152.19009 (14120121)   152.93676 (13110618)
151.49536 (13110118)
 4215980.6 | 163.33418 (16011017)   165.79946 (16010617)   161.44418 (14120121)   161.80644 (13110618)
160.90861 (13110118)
 4215960.6 | 173.95599 (16011017)   176.43638 (16010617)   171.51361 (14120121)   171.08137 (13110618)
170.59440 (13110118)
 4215940.6 | 185.72350 (16011017)   188.26466 (16010617)   182.55204 (14120121)   181.60668 (17011921)
180.79721 (15010818)
 4215920.6 | 198.89019 (16011017)   201.40518 (16010617)   194.96018 (13112719)   193.51057 (17011921)
194.01568 (16110818)
 4215900.6 | 213.70124 (16011017)   216.23821 (16010617)   209.31594 (13112719)   206.99066 (13110118)
208.90026 (16110818)
 4215880.6 | 230.45995 (16011017)   232.98929 (16010617)   225.73752 (13110618)   224.67403 (13110118)
224.15658 (16110818)
 4215860.6 | 249.54544 (16011017)   252.12479 (16010617)   245.34106 (13110618)   243.97793 (13110118)
239.79635 (16110719)
 4215840.6 | 271.43709 (16011017)   273.91377 (16010617)   267.35501 (13110618)   264.71782 (13110118)
258.13188 (16110719)
 4215820.6 | 296.74888 (16011017)   299.15264 (16010617)   292.12186 (13110618)   287.04726 (15010818)
282.65784 (16110418)
 4215800.6 | 326.27835 (16011017)   328.36992 (16010617)   320.01659 (13110618)   317.73752 (16110818)
308.71491 (16110318)
 4215780.6 | 361.22084 (16011017)   362.80617 (16010617)   351.42990 (13110618)   350.44733 (16110818)
338.88209 (16110318)
 4215760.6 | 403.01719 (16011017)   403.79986 (16010617)   389.90429 (17011921)   385.99398 (16110719)
372.64479 (15111318)
 4215740.6 | 453.33978 (16011017)   452.85449 (16010617)   442.58392 (13110118)   432.46657 (16110418)
414.13780 (15120220)
 4215720.6 | 515.04574 (16011017)   512.56502 (16010617)   503.47554 (13110118)   489.45967 (16110318)
467.98509 (14120706)
 4215700.6 | 591.90345 (16011017)   586.25964 (16010617)   578.28808 (16110818)   553.68602 (14010518)
536.78534 (15112117)
 4215680.6 | 694.21548 (13110518)   681.18221 (14120121)   674.18979 (16110818)   636.75999 (14120421)
601.84402 (15011318)
 4215660.6 | 841.66310 (13110518)   809.72980 (14113020)   789.87051 (16110719)   754.90356 (15112117)
692.11786 (16111007)
 4215640.6 | 1042.48561 (13110518)   991.22664 (13110618)   955.98400 (16110318)   887.63120 (15112117)
810.83232 (13111118)
 4215620.6 | 1326.05098 (13110518)   1245.20230 (16011706)   1179.88350 (14120421)   1075.93082 (14122020)
963.04327 (13111717)
 4215600.6 | 1742.12439 (13110518)   1635.40003 (13121517)   1538.08153 (13112109)   1327.93913 (14120120)
1170.56502 (16110917)
 4215580.6 | 2382.60433 (13110518)   2292.05000 (16110719)   2026.00333 (13112109)   1695.81838 (16110917)
1343.56949 (15120117)
 4215560.6 | 4466.53023 (15120816)   3865.71603 (13112109)   2767.68447 (16110917)   2060.16777 (13011217)
1585.92791 (13110917)
 4215540.6 | 0.00000 (00000000)   0.00000 (00000000)   3690.22239 (13110917)   2451.05816 (17010909)
1669.59918 (15122322)
 4215520.6 | 0.00000 (00000000)   0.00000 (00000000)   4234.97041 (14021217)   2471.89240 (13111808)

1753.38292 (13111808)
 4215500.6 | 5033.11248 (16112721)   5024.64500 (14110717)   3285.33015 (16032418)   2400.36871 (15121216)
1639.49579 (16012517)
 4215480.6 | 3383.46244 (16110617)   3304.06210 (15012109)   2712.41292 (16122222)   1783.60557 (14012919)
1384.76266 (16112806)
 4215460.6 | 2287.26448 (15110419)   2359.01648 (14110908)   2171.04406 (14110717)   1582.65322 (16122222)
1219.81241 (14012919)
 4215440.6 | 1726.49241 (15110419)   1778.71279 (14110908)   1628.86823 (16110820)   1473.00928 (16111418)
1064.06733 (13112817)
 4215420.6 | 1374.19015 (16111319)   1361.57770 (14110908)   1327.09808 (15012109)   1255.58821 (14110717)
1096.63686 (16111220)
 4215400.6 | 1128.01882 (16111319)   1102.96971 (13010807)   1109.24604 (15012109)   1027.00319 (13111221)
968.21603 (14110717)
 4215380.6 | 942.00029 (16111319)   923.87386 (13010807)   914.43327 (14122407)   887.08047 (16110820)
841.92032 (14110717)
 4215360.6 | 801.15913 (15121818)   784.40200 (13010807)   783.70028 (17123121)   760.49494 (16112022)
729.76037 (16111419)
 4215340.6 | 694.18476 (15121818)   678.22226 (13112018)   694.06816 (14110908)   675.22427 (15012109)
639.14231 (16110820)
 4215320.6 | 607.78700 (15121818)   594.93615 (13112018)   612.17371 (14110908)   594.38344 (15012109)
573.59109 (16110820)
 4215300.6 | 536.94271 (15121818)   527.66642 (14012108)   538.62924 (14110908)   526.15559 (14122407)
511.92143 (16112022)
 4215280.6 | 478.98047 (15121818)   473.89502 (15110517)   473.82187 (14110908)   467.14318 (14122407)
464.08904 (14120620)
 4215260.6 | 431.78312 (16112206)   428.60688 (15110517)   417.30240 (14110908)   426.25654 (17123121)
424.24206 (15012109)
 4215240.6 | 392.09726 (16112206)   389.99591 (15110517)   381.78965 (13010807)   387.35874 (14110908)
384.18944 (15012109)
 4215220.6 | 358.10904 (16112206)   356.50300 (15110517)   352.80282 (13010807)   360.09679 (14110908)
351.82142 (14122407)

*** AERMOD - VERSION 24142 ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
07/15/25
*** AERMET - VERSION 18081 ***   ***   ***
15:15:41

PAGE 645
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***

INCLUDING SOURCE(S):   SPIL1   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
- -
- - - - - - - -

 4215200.6 | 328.74223 (16112206)   327.72522 (15110517)   326.45559 (13010807)   333.00129 (14110908)
323.71380 (14122407)
 4215180.6 | 302.92714 (16112206)   302.58157 (15110517)   302.55509 (13010807)   306.94054 (14110908)
297.67573 (17123121)
 4215160.6 | 280.51885 (16112206)   280.46643 (15110517)   280.88785 (13010807)   282.31748 (14110908)
278.89788 (17123121)
 4215140.6 | 260.93040 (16112206)   260.89678 (15110517)   261.23996 (13010807)   259.33720 (14110908)
259.49951 (17123121)
 4215120.6 | 244.22716 (13111220)   243.64736 (15110517)   243.40762 (13010807)   238.07374 (14110908)
242.94766 (14110908)
 4215100.6 | 229.31868 (13111220)   228.20693 (15110517)   227.20233 (13010807)   218.51705 (14110908)
230.52846 (14110908)
 4215080.6 | 216.04030 (13111220)   214.18968 (15110517)   212.45285 (13010807)   205.97893 (13010807)
217.87041 (14110908)
 4215060.6 | 211.86692 (13111220)   209.16536 (15110517)   208.32660 (16121207)   196.54963 (13010807)
205.39561 (14110908)

 4215040.6 | 202.20604 (13111220)   198.38491 (13111220)   197.66002 (13112018)   187.60075 (13010807)
193.27626 (14110908)
 4215020.6 | 192.60219 (13111220)   189.10635 (13111220)   187.82940 (13112018)   179.13278 (13010807)
181.56506 (14110908)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                                INCLUDING SOURCE(S):   SPIL1   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4216000.6 | 151.13796 (16110818)   147.04144 (16110418)   145.66882 (16110318)   141.69203 (15120220)
140.06435 (14120706)
 4215980.6 | 159.77526 (16110818)   156.68274 (16110418)   153.01292 (14010518)   149.41561 (15120220)
146.78713 (14120706)
 4215960.6 | 168.17795 (16110818)   165.93672 (16110418)   161.54366 (15111318)   157.90937 (14120706)
157.31599 (15112117)
 4215940.6 | 178.43686 (16110719)   176.67725 (16110318)   170.92215 (15120220)   168.62887 (14120706)
166.49372 (15112117)
 4215920.6 | 189.35651 (16110418)   186.99063 (16110318)   181.83913 (15120220)   178.99952 (15112117)
173.49448 (15011318)
 4215900.6 | 204.51184 (16110418)   198.79549 (14010518)   194.27138 (14120706)   192.81822 (15112117)
184.20953 (15011318)
 4215880.6 | 218.95149 (16110418)   212.21375 (15111318)   208.40929 (14120706)   202.97191 (15112117)
196.86862 (16011622)
 4215860.6 | 235.89108 (16110318)   227.77215 (15120220)   225.35042 (15112117)   216.09849 (15011318)
209.02526 (16111007)
 4215840.6 | 252.74261 (14010518)   246.30952 (14120706)   242.05310 (15112117)   231.98325 (16011622)
223.23915 (17013118)
 4215820.6 | 273.36489 (15111318)   265.80417 (15112117)   257.71036 (15011318)   248.21813 (16111007)
238.78547 (14112519)
 4215800.6 | 297.05339 (15120220)   293.25136 (15112117)   278.54556 (16011622)   267.73767 (17013118)
256.18035 (15011907)
 4215780.6 | 327.46079 (14120706)   314.54671 (15011318)   301.82439 (16111007)   288.60851 (13111118)
277.87934 (14120918)
 4215760.6 | 363.84283 (15112117)   344.57787 (16011622)   329.60272 (17013118)   313.51735 (15010819)
295.87657 (14111720)
 4215740.6 | 401.87827 (15112117)   378.62495 (16111007)   359.35648 (13111118)   339.34562 (14120918)
323.44938 (13111717)
 4215720.6 | 442.58421 (16011622)   418.79024 (14112519)   397.78660 (14120918)   374.31922 (13111717)
347.12680 (15010117)
 4215700.6 | 496.51226 (16111007)   465.58757 (15010819)   436.12042 (14111720)   404.64737 (15010117)
389.81366 (16110917)
 4215680.6 | 561.68974 (13111118)   517.39200 (16121408)   480.87979 (14111722)   458.30585 (16110917)
426.21496 (14110817)
 4215660.6 | 643.85056 (14120918)   586.43522 (14120118)   550.80919 (16110917)   506.54354 (14110817)
436.13092 (15120117)
 4215640.6 | 740.55332 (13111717)   680.11094 (16110917)   615.03018 (14110817)   522.25047 (15112917)
474.27657 (13011217)
 4215620.6 | 870.56969 (16110917)   766.90299 (14110817)   643.15819 (13122217)   562.69552 (13011217)
504.25303 (16012718)
 4215600.6 | 987.66206 (14110817)   829.53417 (13011217)   705.94719 (16011919)   613.93927 (13110917)
558.27444 (13110917)
 4215580.6 | 1094.38153 (15010317)   917.61612 (13110917)   791.28636 (13110917)   658.68888 (13122417)

540.84774 (13120417)
 4215560.6 | 1234.17710 (13122417)   952.85901 (13120417)   794.39892 (13120417)   676.80045 (15122322)
575.39806 (15122322)
 4215540.6 | 1229.26453 (15122322)   997.78432 (16120520)   825.22969 (16120520)   692.08168 (16120520)
588.03384 (16120520)
 4215520.6 | 1322.77487 (13111808)   1042.49338 (13111808)   849.42812 (13111808)   709.01112 (13111808)
603.47007 (13111808)
 4215500.6 | 1279.56843 (16012517)   1026.25150 (15111417)   832.65015 (15111417)   681.01831 (16012518)
563.57628 (16012518)
 4215480.6 | 1158.63993 (15110121)   944.83031 (14010920)   777.42446 (13111506)   678.26355 (16012517)
578.65409 (15111920)
 4215460.6 | 1024.68710 (16112806)   838.41633 (15110121)   741.11312 (15110121)   621.73159 (14010920)
553.57040 (14010920)
 4215440.6 | 898.38448 (14012919)   771.18131 (17010206)   656.14346 (16112806)   583.53127 (15110121)
526.14050 (15110121)
 4215420.6 | 795.22748 (13112817)   696.88819 (16110219)   603.38852 (17010206)   547.05630 (16112806)
445.75969 (16112806)
 4215400.6 | 808.77379 (16111220)   619.13832 (14012921)   561.01069 (16110219)   481.04179 (17010206)
452.72695 (16112806)
 4215380.6 | 768.73279 (16111220)   596.09657 (16111220)   504.37584 (16111321)   465.03846 (16110219)
396.75929 (14012919)
 4215360.6 | 698.70949 (14110717)   630.98716 (16111220)   461.00997 (13112817)   420.90052 (16111321)
393.86005 (16110219)
 4215340.6 | 614.60433 (14110717)   577.69324 (16111418)   509.02779 (16111220)   394.49257 (13112817)
359.38672 (17012308)
 4215320.6 | 550.87061 (16111419)   533.70432 (14110717)   492.79732 (16111220)   407.69878 (16111220)
340.80096 (13112817)
 4215300.6 | 490.53166 (13111221)   474.24863 (14110717)   451.65251 (16111418)   423.63640 (16111220)
326.66502 (16111220)
 4215280.6 | 450.58601 (16110820)   433.40605 (16111419)   425.17384 (14110717)   394.97700 (16111418)
358.88650 (16111220)
 4215260.6 | 408.69252 (16110820)   395.33307 (13111221)   381.00480 (14110717)   364.14188 (16111122)
351.17120 (16111220)
 4215240.6 | 374.99467 (16112022)   358.83622 (16110820)   353.55429 (15120707)   349.26423 (14110717)
329.12024 (16111418)
 4215220.6 | 344.99350 (14120620)   340.05172 (16110820)   328.22028 (16111419)   316.16652 (16111207)
305.72866 (16111122)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***

INCLUDING SOURCE(S):   SPIL1   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

 Y-COORD | X-COORD (METERS)
 (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4215200.6 | 321.37085 (14120620)   311.50256 (16110820)   301.32303 (13111221)   296.69959 (15120707)
293.64768 (14110717)
 4215180.6 | 299.28153 (15012109)   291.48172 (16112022)   284.06294 (16110820)   278.79760 (16111419)
268.14967 (16111207)
 4215160.6 | 275.74591 (15012109)   269.67809 (14120620)   268.79573 (16110820)   259.21530 (13111221)
253.31385 (15120707)
 4215140.6 | 257.77215 (14122407)   256.02199 (14120620)   247.81448 (16110820)   238.41559 (16110820)
240.26774 (16111419)
 4215120.6 | 241.77281 (14122407)   239.88853 (15012109)   235.06797 (16112022)   231.45448 (16110820)
225.20936 (13111221)

 4215100.6 | 225.03641 (14122407)   226.04481 (15012109)   219.55605 (16112022)   219.15844 (16110820)
209.87663 (13111221)
 4215080.6 | 211.78615 (17123121)   210.54051 (15012109)   209.51328 (14120620)   203.59722 (16112022)
199.98092 (16110820)
 4215060.6 | 201.18712 (17123121)   199.32664 (14122407)   198.92235 (14120620)   195.14601 (16112022)
193.45146 (16110820)
 4215040.6 | 190.16844 (17123121)   189.57403 (14122407)   188.52521 (15012109)   184.03350 (16112022)
183.32876 (16110820)
 4215020.6 | 179.11554 (17123121)   178.95054 (14122407)   178.70539 (15012109)   175.40910 (14120620)
171.79838 (16112022)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                               INCLUDING SOURCE(S):   SPIL1   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4216000.6 | 139.27359 (15112117)   134.24844 (15011318)   131.67072 (16011622)   127.60748 (14121622)
124.70945 (14112519)
 4215980.6 | 145.25052 (15112117)   140.15465 (15012219)   137.38361 (16111007)   134.36448 (17013118)
130.44466 (13111118)
 4215960.6 | 151.74356 (15011318)   148.55684 (16011622)   143.61507 (14121622)   140.34960 (14112519)
136.26818 (15011907)
 4215940.6 | 159.11268 (15011318)   155.69686 (16111007)   151.78205 (17013118)   147.14838 (13111118)
142.78155 (15010819)
 4215920.6 | 169.64647 (16011622)   163.46126 (14121622)   158.98714 (14112519)   153.99445 (15010819)
149.97160 (14120918)
 4215900.6 | 178.91273 (16111007)   173.35008 (17013118)   167.42168 (15011907)   163.17750 (14120918)
155.56687 (15113018)
 4215880.6 | 189.19476 (17013118)   183.37133 (13111118)   177.33468 (15010819)   169.91617 (16121408)
165.52299 (13111717)
 4215860.6 | 201.52029 (14112519)   194.31833 (15011907)   187.75051 (14120918)   180.32997 (14111720)
173.75056 (14120118)
 4215840.6 | 214.77924 (13111118)   207.95169 (14120918)   197.46184 (14111720)   191.26575 (13111717)
182.12593 (15010117)
 4215820.6 | 229.71019 (15010819)   218.00386 (15113018)   212.08554 (13111717)   200.57209 (14111722)
190.11796 (15120622)
 4215800.6 | 245.36595 (14120918)   235.52823 (13111717)   222.92908 (14111722)   210.05559 (15010621)
209.88102 (16110917)
 4215780.6 | 263.11858 (14111720)   249.62145 (14120118)   234.60809 (15010621)   233.05291 (16110917)
219.24328 (14110817)
 4215760.6 | 283.03435 (14120118)   264.04957 (15010621)   260.89467 (16110917)   245.54033 (14110817)
232.00630 (14110817)
 4215740.6 | 301.04743 (15010117)   294.84568 (16110917)   277.34131 (14110817)   257.60839 (14110817)
233.32948 (15120117)
 4215720.6 | 336.97001 (16110917)   316.36908 (14110817)   287.76146 (14110817)   262.46065 (15120117)
244.66947 (13122217)
 4215700.6 | 364.92299 (14110817)   323.36357 (14110817)   297.06189 (15112917)   277.04548 (13122217)
256.86004 (13011217)
 4215680.6 | 367.84478 (15120117)   339.57407 (15112917)   317.56055 (13011217)   288.12843 (15010317)
269.05467 (16011919)
 4215660.6 | 397.78042 (13122217)   360.48445 (13011217)   331.18620 (16011919)   303.77196 (16012718)
278.09463 (14120318)
 4215640.6 | 422.14474 (15010317)   383.54310 (16012718)   345.18461 (14120318)   329.79068 (13110917)

301.35375 (13110917)
 4215620.6 | 446.64164 (13110917)   419.56067 (13110917)   371.57121 (13110917)   334.18400 (13122417)
298.30540 (13122417)
 4215600.6 | 478.55121 (13122417)   421.37228 (13122417)   358.10741 (13122417)   332.89404 (13120417)
303.48748 (13120417)
 4215580.6 | 484.53364 (13120417)   425.76133 (15012007)   385.03642 (15122322)   346.41589 (15122322)
308.96673 (15122322)
 4215560.6 | 485.49297 (15122322)   408.79559 (15122322)   370.10118 (16120520)   339.45038 (16120520)
311.43598 (16120520)
 4215540.6 | 510.38257 (13111206)   451.18529 (13111206)   402.35721 (13111206)   361.18554 (13111206)
326.31578 (13111206)
 4215520.6 | 521.62384 (13111808)   456.67155 (13111808)   404.06970 (13111808)   360.84279 (13111808)
324.81244 (13111808)
 4215500.6 | 501.54986 (13111818)   448.04115 (13111818)   401.67918 (13111818)   361.70011 (13111818)
327.31513 (13111818)
 4215480.6 | 507.87117 (15111417)   451.18301 (15111417)   397.84882 (15111417)   351.87263 (16012518)
312.76296 (16012518)
 4215460.6 | 478.09276 (13111506)   433.59439 (16012517)   389.86467 (16012517)   350.08943 (15111920)
316.69571 (15111920)
 4215440.6 | 441.45829 (14010920)   415.20144 (14010920)   372.66094 (14010920)   332.55049 (13111506)
308.73330 (13111506)
 4215420.6 | 436.55507 (15110121)   399.30112 (15110121)   342.07934 (15110121)   322.25064 (14010920)
300.85861 (14010920)
 4215400.6 | 400.59135 (16112806)   346.35040 (15110121)   342.97354 (15110121)   316.98598 (15110121)
277.87212 (15110121)
 4215380.6 | 383.06118 (17010206)   353.30803 (16112806)   301.02837 (16112806)   283.22997 (15110121)
278.94723 (15110121)
 4215360.6 | 345.16998 (14012919)   328.69173 (17010206)   308.61450 (16112806)   277.73548 (16112806)
235.91846 (16120420)
 4215340.6 | 339.35551 (16110219)   303.46891 (14012919)   283.34161 (17010206)   268.54727 (16112806)
252.68665 (16112806)
 4215320.6 | 311.79256 (17012308)   296.41111 (16110219)   269.29721 (14012919)   245.66125 (17010206)
240.24227 (17010206)
 4215300.6 | 297.18325 (13112817)   273.82085 (17012308)   261.95608 (16110219)   241.05601 (14012919)
214.28350 (17010206)
 4215280.6 | 274.08758 (13112207)   261.36110 (13112817)   243.10403 (17012308)   233.92265 (16110219)
217.37554 (14012919)
 4215260.6 | 301.49063 (16111220)   242.94848 (13112207)   232.58528 (14012921)   217.75274 (17012308)
210.62847 (16110219)
 4215240.6 | 310.43394 (16111220)   252.47621 (16111220)   220.33373 (13112817)   209.10354 (14012921)
196.56470 (17012308)
 4215220.6 | 293.38172 (13011321)   271.14617 (16111220)   211.21387 (16111220)   200.39467 (13112817)
189.09847 (14012921)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                               INCLUDING SOURCE(S):   SPIL1   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4215200.6 | 277.61868 (16111418)   267.14145 (16111220)   234.91865 (16111220)   187.98090 (13112207)
182.84644 (13112817)
 4215180.6 | 262.46365 (14110717)   252.30892 (16111418)   240.64696 (16111220)   202.65341 (16111220)
171.81336 (13112207)

 4215160.6 | 251.33250 (14110717)   236.98194 (16111418)   229.84425 (16111220)   214.61415 (16111220)
174.34998 (16111220)
 4215140.6 | 231.48872 (16111207)   228.65818 (14110717)   220.45992 (16111418)   212.50163 (16111220)
190.06788 (16111220)
 4215120.6 | 219.96095 (15120707)   218.66860 (14110717)   206.69098 (16111122)   201.72114 (13011321)
194.17507 (16111220)
 4215100.6 | 209.77736 (16111419)   202.93060 (16111207)   201.60707 (14110717)   193.86647 (16111418)
187.46781 (16111220)
 4215080.6 | 197.97310 (16111419)   193.48643 (15120707)   192.54767 (14110717)   183.87300 (16111122)
180.12216 (16111418)
 4215060.6 | 187.23120 (13111221)   185.11165 (16111419)   179.84454 (16111207)   179.43636 (14110717)
171.51744 (16111418)
 4215040.6 | 173.28991 (16110820)   176.67133 (16111419)   171.80078 (15120707)   171.19902 (14110717)
164.70435 (16111122)
 4215020.6 | 170.51630 (16110820)   167.65392 (13111221)   164.72741 (15120707)   160.75942 (16111207)
160.95371 (14110717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                                INCLUDING SOURCE(S):   SPIL1   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4216000.6 | 121.22892 (13111118)   118.47096 (15010819)   114.69077 (16121408)   111.72940 (14111720)
110.09210 (13111717)
 4215980.6 | 126.87209 (15010819)   123.97516 (14120918)   119.07311 (15113018)   117.45461 (13111717)
113.36359 (14120118)
 4215960.6 | 133.31788 (14120918)   127.43590 (15113018)   125.09425 (13111717)   121.47543 (14120118)
116.96372 (15010117)
 4215940.6 | 137.77448 (16121408)   134.15601 (14111720)   130.56892 (13111717)   125.54976 (14111722)
120.76370 (15010117)
 4215920.6 | 144.16076 (14111720)   141.18453 (13111717)   135.08853 (14111722)   130.14036 (15010117)
126.62906 (16010717)
 4215900.6 | 152.82357 (13111717)   145.63017 (14111722)   140.58450 (15010117)   135.98495 (16010717)
136.64384 (16110917)
 4215880.6 | 158.92978 (14120118)   152.63953 (15010117)   146.56604 (16010717)   147.21171 (16110917)
139.00526 (16110917)
 4215860.6 | 166.41748 (15010117)   158.81201 (16010717)   159.47207 (16110917)   149.92251 (16110917)
148.56535 (14110817)
 4215840.6 | 173.17867 (15120622)   173.69869 (16110917)   162.70453 (14110817)   160.82951 (14110817)
148.59536 (14110817)
 4215820.6 | 190.34812 (16110917)   178.55938 (14110817)   175.00779 (14110817)   159.41890 (14110817)
150.69819 (15120117)
 4215800.6 | 197.21701 (14110817)   191.37286 (14110817)   171.61832 (14110817)   164.50437 (15120117)
156.08573 (15112917)
 4215780.6 | 210.10971 (14110817)   186.55383 (16121118)   179.81670 (15120117)   169.22126 (13122217)
163.59232 (13011217)
 4215760.6 | 207.94453 (15120117)   197.94963 (15112917)   187.55317 (13122217)   179.20032 (13011217)
165.58515 (15111117)
 4215740.6 | 218.85359 (15112917)   207.92209 (13011217)   194.94562 (13011217)   182.99334 (15010317)
173.78650 (16011919)
 4215720.6 | 232.17823 (13011217)   212.57970 (15111117)   201.99049 (16011919)   191.01517 (16012718)
178.77039 (16113019)
 4215700.6 | 239.19962 (15010317)   224.28788 (16012718)   208.94986 (16113019)   195.23627 (14120318)

189.58598 (13110917)
 4215680.6 | 248.74852 (16113019)   230.40052 (14120318)   223.21009 (13110917)   211.85395 (13110917)
195.14788 (13110917)
 4215660.6 | 267.97377 (13110917)   250.10276 (13110917)   225.86368 (13110917)   211.59527 (13122417)
196.08141 (13122417)
 4215640.6 | 270.57644 (13122417)   249.93979 (13122417)   225.41927 (13122417)   199.55910 (13122417)
192.42866 (13120417)
 4215620.6 | 259.47444 (13122417)   246.36646 (13120417)   230.38762 (13120417)   212.88283 (13120417)
197.98003 (15012007)
 4215600.6 | 275.56890 (15012007)   256.18225 (15122322)   237.34124 (15122322)   218.74963 (15122322)
200.55480 (15122322)
 4215580.6 | 274.21754 (15122322)   242.68886 (15122322)   215.72311 (15121018)   202.60853 (16120520)
193.01666 (16120520)
 4215560.6 | 286.03497 (16120520)   263.25089 (16120520)   242.58236 (16120520)   224.33769 (16120520)
207.86480 (16120520)
 4215540.6 | 296.74506 (13111206)   271.05167 (13111206)   248.93966 (13111206)   229.94906 (13111206)
213.20180 (13111206)
 4215520.6 | 294.54724 (13111808)   268.60723 (13111808)   246.38964 (13111808)   227.30620 (13111808)
210.49737 (13111808)
 4215500.6 | 297.29342 (13111818)   271.10810 (13111818)   249.59863 (13110318)   230.77097 (13110318)
214.03624 (13110318)
 4215480.6 | 277.84565 (16012518)   246.94921 (16012518)   232.00996 (13111818)   218.46383 (13111818)
205.84944 (13111818)
 4215460.6 | 291.85470 (15111417)   267.95865 (15111417)   244.69852 (15111417)   224.03179 (16012518)
205.98409 (16012518)
 4215440.6 | 285.11625 (16012517)   260.39433 (16012517)   241.12244 (15111920)   223.08576 (15111920)
208.38978 (15111417)
 4215420.6 | 272.14298 (14010920)   248.57918 (13111506)   234.83209 (13111506)   219.76826 (16012517)
205.34161 (16012517)
 4215400.6 | 257.20020 (14010920)   246.82657 (14010920)   230.07057 (14010920)   209.63993 (14010920)
195.10977 (13111506)
 4215380.6 | 259.92078 (15110121)   231.69541 (15110121)   209.97588 (14010920)   205.65971 (14010920)
196.12167 (14010920)
 4215360.6 | 237.24355 (15110121)   232.90693 (15110121)   218.35155 (15110121)   197.16743 (15110121)
174.64327 (14010920)
 4215340.6 | 221.27286 (16112806)   197.27330 (15110121)   202.52277 (15110121)   198.36666 (15110121)
186.90548 (15110121)
 4215320.6 | 227.98453 (16112806)   207.69564 (16112806)   178.73836 (16112806)   172.36055 (15110121)
175.39421 (15110121)
 4215300.6 | 215.16089 (17010206)   204.62942 (16112806)   192.74919 (16112806)   171.77791 (16112806)
153.89206 (16120420)
 4215280.6 | 188.79630 (14012919)   192.87483 (17010206)   184.50944 (17010206)   177.43270 (16112806)
163.00842 (16112806)
 4215260.6 | 197.28811 (14012919)   174.35534 (14012919)   173.19332 (17010206)   169.36835 (17010206)
162.47271 (16112806)
 4215240.6 | 191.01903 (16110219)   180.05853 (14012919)   161.50627 (14012919)   155.83345 (17010206)
155.32471 (17010206)
 4215220.6 | 178.59914 (17012308)   174.30424 (16110219)   165.16411 (14012919)   150.05696 (14012919)
140.58099 (17010206)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                               INCLUDING SOURCE(S):   SPIL1   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -

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 4215200.6 | 171.89706 (14012921)   163.46819 (13120720)   159.94952 (16110219)   152.20632 (14012919)
139.82261 (14012919)
 4215180.6 | 167.33976 (13112817)   157.46413 (16111321)   150.48233 (13120720)   147.49431 (16110219)
140.84620 (14012919)
 4215160.6 | 157.16812 (13112207)   153.63179 (13112817)   145.12670 (16111321)   139.15113 (13120720)
136.61437 (16110219)
 4215140.6 | 150.38260 (15111706)   145.86978 (13112817)   141.47268 (13112817)   134.26788 (16111321)
129.21334 (13120720)
 4215120.6 | 167.52858 (16111220)   139.60923 (13112207)   136.16285 (13112817)   131.28462 (14012921)
125.08458 (17012308)
 4215100.6 | 175.84307 (16111220)   147.15587 (16111220)   130.06693 (13112207)   127.22694 (13112817)
122.32362 (14012921)
 4215080.6 | 174.73007 (16111220)   158.16673 (16111220)   129.02414 (16111220)   121.13499 (13112207)
119.02277 (13112817)
 4215060.6 | 166.97236 (13011321)   161.22582 (16111220)   141.60053 (16111220)   116.37489 (15111706)
112.85159 (13112207)
 4215040.6 | 161.71507 (16111418)   156.76644 (16111220)   147.59789 (16111220)   126.27230 (16111220)
109.16225 (13112207)
 4215020.6 | 152.55470 (16111418)   150.27919 (16111418)   146.99301 (16111220)   134.33294 (16111220)
112.36476 (16111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                               INCLUDING SOURCE(S):   SPIL1   ,

                                         *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        539341.84   4215428.70   1495.63380 (16111218)   539351.84   4215428.70   1496.60376
(13111220)
        539361.84   4215428.70   1477.79717 (13112018)   539371.84   4215428.70   1505.99845
(14110908)
        539381.84   4215428.70   1472.61556 (15012109)   539341.84   4215438.70   1675.63042
(16111218)
        539351.84   4215438.70   1683.01094 (13111220)   539361.84   4215438.70   1665.94311
(14110908)
        539371.84   4215438.70   1671.15609 (15012918)   539381.84   4215438.70   1625.25645
(14110218)
        539341.84   4215448.70   1944.63825 (16110617)   539351.84   4215448.70   1925.72759
(17012706)
        539361.84   4215448.70   1946.09908 (14110908)   539371.84   4215448.70   1936.30558
(15012109)
        539381.84   4215448.70   1814.30439 (16110820)   539341.84   4215458.70   2299.64431
(16110617)
        539351.84   4215458.70   2235.63224 (15112306)   539361.84   4215458.70   2290.17330
(14110908)
        539371.84   4215458.70   2245.37739 (15012109)   539381.84   4215458.70   2103.48489
(16110518)
        539341.84   4215468.70   2717.40665 (16110617)   539351.84   4215468.70   2638.52986
(15112306)
        539361.84   4215468.70   2714.51084 (14110908)   539371.84   4215468.70   2571.10943
(14110218)
        539381.84   4215468.70   2493.93673 (14110717)   539113.88   4215517.52   471.67434
(15110618)
        539096.52   4215515.99   433.45820 (15110618)   539108.26   4215501.18   465.74685

(15110618)
        539096.01   4215500.67   438.79251 (15110618)   539108.26   4215486.38   452.13457
(13112022)
        539094.47   4215485.36   422.64865 (13112022)   539135.32   4215461.36   516.92253
(15121208)
        539150.13   4215439.91   548.21447 (15012818)   539114.39   4215452.68   459.04351
(15121208)
        539123.07   4215439.40   474.80796 (14012217)   539159.32   4215421.02   530.35183
(15110219)
        539145.02   4215416.43   480.05015 (15110219)   539134.30   4215410.81   449.12176
(15110219)
        539131.75   4215425.11   462.37498 (16011921)   539206.80   4215383.75   602.35563
(16110522)
        539215.99   4215372.52   601.65074 (13122017)   539188.93   4215382.22   553.67757
(14012820)
        539176.17   4215379.67   519.84242 (14012820)   539165.44   4215376.09   483.46528
(17012519)
        539248.79   4215356.71   610.02068 (16110521)   539243.45   4215348.45   571.61357
(16110521)
        539265.58   4215345.25   613.10437 (16121307)   539260.78   4215338.05   576.62158
(16121307)
        539256.25   4215351.38   624.46858 (16110521)   539272.77   4215331.92   583.04640
(14122408)
        539264.78   4215324.99   547.92823 (16121307)   539280.77   4215321.79   557.56614
(15121922)
        539279.97   4215307.14   507.86634 (16112721)   539287.97   4215313.80   541.52612
(16122408)
        539297.83   4215304.74   533.69217 (13110719)   539289.56   4215296.21   497.49751
(16113007)
        539311.15   4215287.68   489.02821 (16110617)   539303.69   4215281.28   485.03877
(16110617)
        539303.69   4215296.21   525.34476 (16110617)   539314.25   4215271.79   440.05552
(16111218)
        539329.09   4215260.48   428.98910 (16111319)   539339.69   4215237.16   389.74132
(15121818)
        539357.36   4215232.92   382.59450 (13111220)   539394.11   4215199.70   318.49546
(14110908)
        539044.99   4215579.21   235.72944 (14111220)   539034.39   4215591.93   220.40234
(14010720)
        539054.88   4215556.59   252.06501 (15120817)   539058.42   4215538.92   252.53923
(14121619)
        539054.88   4215520.55   332.21470 (15110618)   539082.44   4215477.44   382.39959
(13112022)
        539073.96   4215466.13   387.38554 (14121020)   539098.70   4215440.69   414.22611
(13110818)
        539109.30   4215426.56   436.59194 (15012818)   539117.07   4215415.96   415.49475
(16011921)
        539125.55   4215401.11   429.45036 (15110219)   539158.77   4215367.19   459.93327
(14012820)
        539150.29   4215357.30   451.48966 (14012820)   539184.21   4215339.63   462.29061
(13122017)
        539222.37   4215324.79   486.82407 (16112108)   539243.58   4215317.72   495.36793
(13111121)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: SPIL1
***
                               INCLUDING SOURCE(S):   SPIL1   ,

                                        *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539371.49	4215194.05	316.40612	(14012108)	539364.42	4215191.93	316.31748	(15110517)
539344.64	4215200.41	328.61787	(16112206)	539409.65	4215113.48	237.21922	(14110908)
539355.94	4215136.80	263.16303	(13111220)	539262.66	4215288.75	459.85277	(14111418)
539282.44	4215261.19	416.80590	(16113007)	539299.41	4215235.04	379.22033	(16110617)
539168.92	4215647.77	376.62610	(14112117)	538947.70	4216163.58	88.50846	(17011717)
539352.12	4215798.21	322.61288	(16011017)	539367.62	4215566.76	3284.90022	(13112109)
539278.26	4215504.64	1892.35045	(13111718)	539297.51	4215494.11	2326.92069	(15111722)
539323.66	4215486.12	3120.18810	(14110917)	539342.55	4215482.85	3451.87417	(16110617)
539367.23	4215481.23	3280.75528	(15012109)	539397.77	4215487.94	2104.41899	(14012919)
539352.73	4215556.41	4057.45621	(13110518)	539337.83	4215546.05	6458.56129	(14121816)
539322.94	4215535.70	3567.17686	(15120916)	539308.05	4215525.35	3136.73958	(14012720)
539293.15	4215514.99	2423.63132	(13112022)	539287.89	4215499.38	2165.51805	(14012217)
539310.58	4215490.12	2684.27146	(14122918)	539354.89	4215482.04	3427.56080	(13112018)
539382.50	4215484.59	2960.26801	(16122222)	539391.74	4215503.70	3087.80796	(15121216)
539385.71	4215519.47	4277.50968	(14021217)	539379.68	4215535.23	4432.54468	(13110917)
539373.65	4215551.00	3876.98967	(13010516)				

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000341 , L0000342 , L0000343 , L0000344 , L0000345 ,
L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 538745.17	538765.17	538785.17	538805.17	538825.17
4216000.6	120.21625 (16110617)	112.89851 (16111117)	106.56649 (16111117)	101.45193 (14110908)	96.91017 (14110908)
4215980.6	111.59865 (16110617)	105.81563 (16111117)	100.17823 (16111117)	95.67023 (14110908)	91.39986 (14110908)
4215960.6	106.57872 (16110617)	99.69998 (16111117)	94.70746 (16111117)	90.83016 (14110908)	86.98279 (14110908)
4215940.6	104.46101 (16110617)	95.71958 (16110617)	89.86868 (16111117)	86.60733 (14110908)	83.14139 (14110908)
4215920.6	99.14600 (16110617)	90.99351 (16110617)	86.65776 (16110617)	82.78092 (14110908)	

79.67039 (14110908)
 4215900.6 | 97.13725 (16110617)   89.76802 (16110617)   82.87817 (16110617)   80.35686 (16111117)
78.26018 (16111117)
 4215880.6 | 92.61948 (16110617)   87.80600 (14122117)   82.05068 (14122117)   77.25415 (16111117)
75.43339 (16111117)
 4215860.6 | 89.47311 (14122117)   84.33800 (15110419)   78.90713 (14122117)   77.24750 (16111117)
72.84051 (16111117)
 4215840.6 | 86.03226 (15110419)   82.97615 (16110222)   78.69345 (16111117)   74.63614 (16111117)
73.14060 (16111117)
 4215820.6 | 83.95768 (15110419)   80.10395 (16110222)   75.97027 (16111117)   74.67988 (16111117)
70.83888 (16111117)
 4215800.6 | 81.09192 (15110419)   78.15727 (16111117)   75.60161 (16111117)   72.37897 (16111117)
70.45855 (16111117)
 4215780.6 | 78.08236 (16110222)   75.54862 (16111117)   74.16946 (16111117)   71.55551 (16111117)
68.59150 (16111117)
 4215760.6 | 75.63513 (15110419)   73.62157 (16111117)   71.98880 (16111117)   69.56336 (16111117)
67.69978 (13112018)
 4215740.6 | 72.80525 (15110419)   71.39423 (16111117)   69.84857 (16111117)   67.94227 (16111117)
66.41215 (13112018)
 4215720.6 | 70.74391 (15110419)   68.98825 (16111117)   67.96567 (16111117)   66.26012 (13112018)
64.96037 (13112018)
 4215700.6 | 68.75647 (15110419)   67.06456 (16111117)   65.75715 (16111117)   64.64553 (13112018)
63.26492 (13112018)
 4215680.6 | 66.91527 (17010220)   65.31786 (15112306)   64.15059 (16111117)   62.69538 (13112018)
61.46229 (13112018)
 4215660.6 | 65.19248 (17010220)   63.72682 (15112306)   62.57703 (16111117)   61.24500 (13112018)
60.15570 (13112018)
 4215640.6 | 63.56712 (17010220)   62.28362 (15112306)   61.08569 (16111117)   59.85985 (13112018)
58.90917 (13112018)
 4215620.6 | 62.07581 (17010220)   60.85777 (15112306)   59.66937 (16111117)   58.53435 (13112018)
57.71708 (13112018)
 4215600.6 | 60.61464 (17010220)   59.50470 (15112306)   58.32179 (16111117)   57.32833 (13112018)
56.62806 (13112018)
 4215580.6 | 59.22619 (17010220)   58.21768 (15112306)   57.03708 (16111117)   56.13843 (13111822)
55.52881 (13112018)
 4215560.6 | 57.90408 (17010220)   56.99138 (15112306)   55.89982 (17012706)   55.01264 (13111822)
54.47042 (13112018)
 4215540.6 | 56.64318 (17010220)   55.86354 (15112306)   54.79879 (17012706)   53.93041 (13111822)
53.44961 (13112018)
 4215520.6 | 55.43877 (17010220)   54.74159 (15112306)   53.74362 (17012706)   52.88816 (13111822)
52.46312 (13112018)
 4215500.6 | 54.31181 (17010220)   53.66759 (15112306)   52.73113 (17012706)   51.88325 (13111822)
51.50863 (13112018)
 4215480.6 | 53.20656 (17010220)   52.63844 (15112306)   51.75849 (17012706)   50.95916 (13111822)
50.54091 (13112018)
 4215460.6 | 52.14699 (17010220)   51.65133 (15112306)   50.82319 (17012706)   50.01910 (13111822)
49.64565 (13112018)
 4215440.6 | 51.12999 (17010220)   50.70367 (15112306)   49.95343 (17012706)   49.10972 (13111822)
48.73556 (13112018)
 4215420.6 | 50.15256 (17010220)   49.82113 (15112306)   49.08496 (17012706)   48.22946 (13111822)
47.89279 (13112018)
 4215400.6 | 49.21199 (17010220)   48.94416 (15112306)   48.24812 (17012706)   47.37686 (13111822)
47.13679 (13111822)
 4215380.6 | 48.35488 (15112306)   48.10012 (15112306)   47.44113 (17012706)   46.55070 (13111822)
46.37895 (13111822)
 4215360.6 | 47.51356 (15112306)   47.28705 (15112306)   46.66228 (17012706)   45.81658 (17012706)
45.64302 (13111822)
 4215340.6 | 46.70412 (15112306)   46.50316 (15112306)   45.93262 (17012706)   45.10488 (17012706)
44.92803 (13111822)
 4215320.6 | 45.92469 (15112306)   45.74676 (15112306)   45.20452 (17012706)   44.41574 (17012706)
44.26013 (13111822)
 4215300.6 | 45.17355 (15112306)   45.03577 (15112306)   44.50029 (17012706)   43.74797 (17012706)
43.60829 (13111822)
 4215280.6 | 44.47061 (15112306)   44.32893 (15112306)   43.81868 (17012706)   43.10050 (17012706)
42.94872 (13111822)
 4215260.6 | 43.77042 (15112306)   43.64535 (15112306)   43.15854 (17012706)   42.48763 (17012706)
42.32909 (13111822)
 4215240.6 | 43.09414 (15112306)   42.98382 (15112306)   42.51881 (17012706)   41.87715 (17012706)
41.70295 (13111822)

 4215200.6 | 41.80834 (15112306)   41.72240 (15112306)   41.31255 (17012706)   40.70787 (17012706)
40.49811 (13111822)
 4215180.6 | 41.19651 (15112306)   41.13431 (15112306)   40.72774 (17012706)   40.14749 (17012706)
39.89824 (13111822)
 4215160.6 | 40.61954 (15112306)   40.54966 (15112306)   40.15976 (17012706)   39.60232 (17012706)
39.33311 (13111822)
 4215140.6 | 40.04459 (15112306)   39.98205 (15112306)   39.60785 (17012706)   39.08299 (17012706)
38.78165 (13111822)
 4215120.6 | 39.48697 (15112306)   39.43067 (15112306)   39.07129 (17012706)   38.56581 (17012706)
38.24337 (13111822)
 4215100.6 | 38.94579 (15112306)   38.89465 (15112306)   38.56175 (17012706)   38.06196 (17012706)
37.74324 (13010906)
 4215080.6 | 38.42016 (15112306)   38.38341 (15112306)   38.05331 (17012706)   37.57089 (17012706)
37.26022 (13010906)
 4215060.6 | 37.90930 (15112306)   37.87527 (15112306)   37.55819 (17012706)   37.09200 (17012706)
36.80299 (13010906)
 4215040.6 | 37.42309 (15112306)   37.38033 (15112306)   37.07575 (17012706)   36.62475 (17012706)
36.34205 (13010906)
 4215020.6 | 36.93883 (15112306)   36.89791 (15112306)   36.60543 (17012706)   36.17661 (17012706)
35.89166 (13010906)

 4216000.6 | 92.28526 (14110717)   89.19148 (14110717)   86.40856 (14110717)   83.65763 (14110717)
81.17948 (14110717)
 4215980.6 | 87.42461 (14110717)   84.88224 (14110717)   82.54585 (14110717)   80.22094 (14110717)
77.82450 (14110717)
 4215960.6 | 83.02956 (14110908)   80.90029 (14110717)   79.74811 (16111117)   76.95966 (14110717)
74.96174 (14110717)
 4215940.6 | 79.54485 (14110908)   77.51411 (16111117)   76.16047 (16111117)   74.81090 (16111117)
72.17816 (14110717)
 4215920.6 | 76.38813 (14110908)   74.66163 (16111117)   73.41486 (16111117)   71.77557 (16111117)
70.99891 (13112018)
 4215900.6 | 76.47004 (16111117)   74.75925 (16111117)   70.88227 (16111117)   69.26034 (16111117)
68.23825 (13112018)
 4215880.6 | 73.85917 (16111117)   72.25640 (16111117)   70.39004 (16111117)   66.92596 (16111117)
66.02603 (13112018)
 4215860.6 | 71.42471 (16111117)   69.93584 (16111117)   68.06880 (16111117)   64.61725 (16111117)
64.03811 (13112018)
 4215840.6 | 69.13778 (16111117)   67.71959 (16111117)   65.89180 (16111117)   62.52471 (16111117)
62.12194 (13112018)
 4215820.6 | 69.09678 (16111117)   65.64413 (16111117)   63.92268 (16111117)   62.93056 (13112018)
61.93961 (13112018)
 4215800.6 | 67.09233 (16111117)   63.75434 (16111117)   61.99570 (16111117)   61.25423 (13112018)
60.31512 (13112018)
 4215780.6 | 66.57588 (13112018)   63.53001 (16111117)   62.31794 (13112018)   60.99826 (13112018)
60.43800 (14110908)
 4215760.6 | 65.88232 (13112018)   63.56135 (13112018)   62.10328 (14110908)   61.27682 (14110908)
59.08874 (14110908)
 4215740.6 | 64.50133 (14110908)   62.94069 (14110908)   62.01403 (14110908)   60.62534 (14110908)
58.95973 (14110908)
 4215720.6 | 63.11528 (13112018)   62.33584 (14110908)   60.97808 (14110908)   59.52482 (14110908)
57.99410 (15012918)
 4215700.6 | 61.57657 (14110908)   60.84816 (14110908)   59.53012 (14110908)   58.30682 (14110908)
56.98102 (14110908)
 4215680.6 | 59.83745 (13112018)   59.11878 (14110908)   58.39752 (14110908)   56.89109 (14110908)
56.01253 (15012918)
 4215660.6 | 58.64753 (13112018)   57.85002 (14110908)   56.89970 (14110908)   55.91248 (14110908)
54.83830 (15012918)
 4215640.6 | 57.51377 (13112018)   56.61276 (14110908)   55.81674 (14110908)   54.67980 (14110908)
53.83656 (15012918)
 4215620.6 | 56.47548 (13112018)   55.45278 (14110908)   54.76335 (14110908)   53.74125 (14110908)
52.54058 (14110908)
 4215600.6 | 55.43666 (13112018)   54.26385 (14110908)   53.77897 (14110908)   52.83084 (14110908)
51.71158 (14110908)
 4215580.6 | 54.43917 (13112018)   53.09360 (14110908)   52.77077 (14110908)   51.94426 (14110908)
50.90989 (14110908)
 4215560.6 | 53.47896 (13112018)   52.18515 (13112018)   51.77941 (14110908)   51.07767 (14110908)
50.16790 (14110908)
 4215540.6 | 52.55294 (13112018)   51.33307 (13112018)   50.80206 (14110908)   50.22772 (14110908)
49.40939 (14110908)
 4215520.6 | 51.65798 (13112018)   50.51030 (13112018)   49.83590 (14110908)   49.39126 (14110908)
48.66777 (14110908)
 4215500.6 | 50.75730 (13112018)   49.66159 (13112018)   48.79360 (14110908)   48.52704 (14110908)
47.90570 (14110908)
 4215480.6 | 49.88473 (13112018)   48.86636 (13112018)   47.75561 (14110908)   47.67132 (14110908)
47.19026 (14110908)
 4215460.6 | 49.03840 (13112018)   48.06564 (13112018)   46.89173 (13112018)   46.82254 (14110908)
46.44966 (14110908)
 4215440.6 | 48.21671 (13112018)   47.31736 (13112018)   46.17296 (13112018)   45.97950 (14110908)
45.71646 (14110908)
 4215420.6 | 47.45355 (13112018)   46.59038 (13112018)   45.50089 (13112018)   45.14128 (14110908)
45.02523 (14110908)
 4215400.6 | 46.71082 (13112018)   45.91393 (13112018)   44.87490 (13112018)   44.34951 (14110908)
44.33848 (14110908)
 4215380.6 | 45.98752 (13112018)   45.25518 (13112018)   44.26597 (13112018)   43.56073 (14110908)
43.65517 (14110908)
 4215360.6 | 45.28281 (13112018)   44.61321 (13112018)   43.69639 (13112018)   42.81316 (14110908)
43.00642 (14110908)
 4215340.6 | 44.59584 (13112018)   44.01300 (13112018)   43.11814 (13112018)   42.22916 (16121207)
42.32683 (14110908)

 4215320.6 | 43.98061 (13112018)   43.42527 (13112018)   42.59440 (13112018)   41.71991 (16121207)
41.67811 (14110908)
 4215300.6 | 43.35018 (13112018)   42.87082 (13112018)   42.07848 (13112018)   41.23883 (16121207)
41.02836 (14110908)
 4215280.6 | 42.73292 (13112018)   42.32412 (13112018)   41.57048 (13112018)   40.74893 (16121207)
40.37760 (14110908)
 4215260.6 | 42.14874 (13112018)   41.78519 (13112018)   41.07025 (13112018)   40.28287 (16121207)
39.72575 (14110908)
 4215240.6 | 41.53617 (13112018)   41.24023 (13112018)   40.56729 (13112018)   39.81067 (16121207)
39.04923 (14110908)
 4215220.6 | 40.91818 (13112018)   40.67834 (13112018)   40.04181 (13112018)   39.30889 (16121207)
38.42032 (16121207)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
 -
- - - - - - - -

 4215200.6 | 40.31361 (13112018)   40.11227 (13112018)   39.53820 (13112018)   38.82929 (16121207)
37.99332 (16121207)
 4215180.6 | 39.74868 (13111822)   39.55548 (13112018)   39.03105 (13112018)   38.35839 (16121207)
37.56288 (16121207)
 4215160.6 | 39.20717 (13111822)   39.02613 (13112018)   38.53187 (13112018)   37.89577 (16121207)
37.15376 (16121207)
 4215140.6 | 38.69542 (13111822)   38.50720 (13112018)   38.05673 (13112018)   37.44104 (16121207)
36.73997 (16121207)
 4215120.6 | 38.19522 (13111822)   38.03424 (13112018)   37.60665 (13112018)   36.99385 (16121207)
36.31966 (16121207)
 4215100.6 | 37.70618 (13111822)   37.55299 (13112018)   37.16536 (13112018)   36.57055 (16121207)
35.91990 (16121207)
 4215080.6 | 37.24348 (13111822)   37.08111 (13112018)   36.73252 (13112018)   36.13793 (16121207)
35.52683 (16121207)
 4215060.6 | 36.77518 (13111822)   36.61827 (13112018)   36.30781 (13112018)   35.72869 (16121207)
35.14015 (16121207)
 4215040.6 | 36.31690 (13111822)   36.16418 (13112018)   35.90489 (13112018)   35.32592 (16121207)
34.77507 (16121207)
 4215020.6 | 35.86831 (13111822)   35.71858 (13112018)   35.49529 (13112018)   34.92937 (16121207)
34.41585 (16121207)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538945.17	538965.17	538985.17	539005.17	539025.17
4216000.6	78.68480 (14110717)	76.36614 (14110717)	74.40979 (14110717)	73.03254 (14110717)	72.40338 (14110717)
4215980.6	75.76855 (14110717)	73.58878 (14110717)	71.69501 (14110717)	70.24603 (14110717)	69.42822 (14110717)
4215960.6	72.83267 (14110717)	71.48143 (14110908)	70.49577 (14110908)	69.85084 (15012918)	66.83615 (14110717)
4215940.6	70.39509 (14110717)	68.74545 (14110908)	67.80918 (14110908)	67.15103 (15012918)	66.53204 (14110218)
4215920.6	67.96655 (14110717)	66.31700 (14110717)	65.35754 (14110908)	64.67675 (15012918)	63.89639 (14110218)
4215900.6	67.19208 (14110908)	64.42006 (14110908)	64.65332 (14110908)	63.56941 (15012918)	63.46759 (15012918)
4215880.6	65.03361 (13112018)	65.31042 (14110908)	64.93262 (14110908)	64.30978 (15012918)	63.59236 (15012918)
4215860.6	63.08166 (13112018)	62.85829 (14110908)	62.87852 (14110908)	61.96093 (15012918)	61.93398 (15012918)
4215840.6	61.26446 (13112018)	60.98662 (14110908)	61.06433 (14110908)	60.19502 (14110908)	60.14893 (15012918)
4215820.6	59.56791 (13112018)	59.23243 (14110908)	59.36133 (14110908)	58.63447 (14110908)	58.52911 (15012918)
4215800.6	59.72932 (14110908)	59.53265 (14110908)	58.94562 (14110908)	58.39259 (15012918)	58.09009 (15012918)
4215780.6	58.22168 (14110908)	58.09565 (14110908)	57.51733 (14110908)	56.85081 (15012918)	56.57331 (15012918)
4215760.6	58.45007 (14110908)	57.52258 (14110908)	56.16505 (14110908)	55.31094 (15012918)	55.12491 (15012918)
4215740.6	57.66721 (14110908)	56.37313 (14110908)	55.33645 (15012918)	53.91340 (15012918)	53.73997 (15012918)
4215720.6	56.61678 (14110908)	55.59742 (15012918)	54.21591 (14110908)	52.59859 (14110908)	52.41454 (15012918)
4215700.6	55.95766 (15012918)	54.51755 (15012918)	53.16966 (14110908)	52.57109 (15012918)	51.22346 (15012918)
4215680.6	54.91236 (15012918)	53.92819 (15012918)	52.80627 (15012918)	51.63453 (15012918)	51.03996 (15012918)
4215660.6	54.03859 (15012918)	53.03534 (15012918)	51.87896 (15012918)	51.22123 (15012918)	50.15007 (15012918)
4215640.6	53.12882 (15012918)	52.09281 (15012918)	51.32680 (15012918)	50.39970 (15012918)	49.54553 (15012918)
4215620.6	52.00003 (15012918)	51.37730 (15012918)	50.36032 (15012918)	49.63875 (15012918)	48.89402 (15012918)
4215600.6	51.14765 (15012918)	50.31044 (15012918)	49.65829 (15012918)	48.94690 (15012918)	48.06993 (15012918)
4215580.6	50.02637 (15012918)	49.56701 (15012918)	48.67220 (15012918)	48.05151 (15012918)	47.44421 (15012918)
4215560.6	49.18037 (15012918)	48.51856 (15012918)	48.00587 (15012918)	47.19974 (15012918)	46.57557 (15012918)
4215540.6	48.42260 (14110908)	47.77893 (15012918)	47.12626 (15012918)	46.58936 (15012918)	46.00570 (15012918)
4215520.6	47.74559 (14110908)	47.04496 (15012918)	46.46633 (15012918)	45.75656 (15012918)	45.18411 (15012918)
4215500.6	47.08630 (14110908)	46.36466 (15012918)	45.81582 (15012918)	45.15733 (15012918)	44.48409 (15012918)
4215480.6	46.44180 (14110908)	45.63128 (15012918)	45.17112 (15012918)	44.57052 (15012918)	43.93462 (15012918)
4215460.6	45.80996 (14110908)	44.98805 (14110908)	44.52895 (15012918)	43.99296 (15012918)	43.39932 (15012918)
4215440.6	45.18847 (14110908)	44.42038 (14110908)	43.88648 (15012918)	43.46496 (15012918)	42.87541 (15012918)

 4215420.6 | 44.57563 (14110908)   43.86437 (14110908)   43.28669 (15012918)   42.89598 (15012918)
42.35975 (15012918)
 4215400.6 | 43.96976 (14110908)   43.31834 (14110908)   42.63537 (15012918)   42.32734 (15012918)
41.84994 (15012918)
 4215380.6 | 43.39556 (14110908)   42.80365 (14110908)   42.02471 (14110908)   41.75691 (15012918)
41.38203 (15012918)
 4215360.6 | 42.79924 (14110908)   42.27247 (14110908)   41.54250 (14110908)   41.18242 (15012918)
40.87573 (15012918)
 4215340.6 | 42.20646 (14110908)   41.74722 (14110908)   41.06852 (14110908)   40.64152 (15012918)
40.36831 (15012918)
 4215320.6 | 41.61642 (14110908)   41.22678 (14110908)   40.60163 (14110908)   40.05351 (15012918)
39.85814 (15012918)
 4215300.6 | 41.05161 (14110908)   40.71026 (14110908)   40.15963 (14110908)   39.47869 (15112021)
39.34349 (15012918)
 4215280.6 | 40.46480 (14110908)   40.21675 (14110908)   39.70342 (14110908)   38.99508 (15112021)
38.82311 (15012918)
 4215260.6 | 39.87887 (14110908)   39.70545 (14110908)   39.25135 (14110908)   38.58882 (14110908)
38.32936 (15012918)
 4215240.6 | 39.31506 (14110908)   39.19575 (14110908)   38.80265 (14110908)   38.18989 (14110908)
37.79363 (15012918)
 4215220.6 | 38.72942 (14110908)   38.68700 (14110908)   38.35651 (14110908)   37.81164 (14110908)
37.28720 (15112021)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -
- - - - - - - -

 4215200.6 | 38.12228 (14110908)   38.17867 (14110908)   37.92939 (14110908)   37.41994 (14110908)
36.86060 (15112021)
 4215180.6 | 37.53628 (14110908)   37.67029 (14110908)   37.48613 (14110908)   37.03083 (14110908)
36.43199 (15112021)
 4215160.6 | 36.94984 (14110908)   37.18000 (14110908)   37.04346 (14110908)   36.64361 (14110908)
36.01385 (14110908)
 4215140.6 | 36.34166 (14110908)   36.65205 (14110908)   36.58392 (14110908)   36.25766 (14110908)
35.69238 (14110908)
 4215120.6 | 35.71056 (14110908)   36.10305 (14110908)   36.12349 (14110908)   35.85653 (14110908)
35.35732 (14110908)
 4215100.6 | 35.10138 (14110908)   35.55091 (14110908)   35.66189 (14110908)   35.47160 (14110908)
35.02338 (14110908)
 4215080.6 | 34.68207 (15120508)   35.01798 (14110908)   35.19891 (14110908)   35.08643 (14110908)
34.69006 (14110908)
 4215060.6 | 34.27841 (15120508)   34.46151 (14110908)   34.73440 (14110908)   34.68440 (14110908)
34.35690 (14110908)
 4215040.6 | 33.93822 (16121207)   33.94896 (14110908)   34.26830 (14110908)   34.28102 (14110908)
33.99431 (14110908)
 4215020.6 | 33.62764 (16121207)   33.43552 (14110908)   33.82070 (14110908)   33.85816 (14110908)
33.62913 (14110908)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: TK1 ***
INCLUDING SOURCE(S): L0000341 , L0000342 , L0000343 , L0000344 , L0000345 ,
L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539045.17	539065.17	539085.17	539105.17	539125.17
4216000.6	72.63538 (14110717)	73.31562 (14110717)	73.73561 (14110717)	72.69736 (14110717)	70.01577 (16111220)
4215980.6	69.33928 (14110717)	69.74429 (14110717)	70.17582 (14110717)	69.69895 (14110717)	67.38382 (14110717)
4215960.6	66.47208 (14110717)	66.64267 (14110717)	66.98575 (14110717)	66.81394 (14110717)	65.33745 (14110717)
4215940.6	63.99755 (14110717)	63.94077 (14110717)	64.14785 (14110717)	64.11166 (14110717)	63.19067 (14110717)
4215920.6	63.67616 (14110218)	61.57505 (14110717)	61.61247 (14110717)	61.62437 (14110717)	61.05115 (14110717)
4215900.6	61.42992 (14110218)	60.29682 (16110518)	59.38245 (14110717)	59.35988 (14110717)	58.98734 (14110717)
4215880.6	60.33299 (14110218)	58.36248 (14110218)	58.41484 (16110518)	57.31114 (14110717)	57.03896 (14110717)
4215860.6	61.10009 (14110218)	58.34036 (14110218)	56.34059 (16110518)	56.36196 (14110717)	55.24113 (14110717)
4215840.6	58.86934 (15012918)	58.93801 (14110218)	54.41730 (16110518)	54.50374 (16110518)	54.81864 (14110717)
4215820.6	57.47279 (15012918)	57.21560 (14110218)	54.08341 (14110218)	52.80823 (16110518)	52.96896 (14110717)
4215800.6	56.11818 (15012918)	55.50452 (14110218)	55.29651 (14110218)	51.53145 (13110920)	51.27712 (14110717)
4215780.6	54.71235 (15012918)	53.85261 (14110218)	53.81756 (14110218)	52.38805 (13110920)	50.27512 (16110518)
4215760.6	53.27196 (15012918)	52.21398 (14110218)	52.45018 (14110218)	51.65788 (14110218)	50.93371 (16110518)
4215740.6	52.94911 (15012918)	50.74626 (15012918)	51.09906 (14110218)	50.63024 (14110218)	49.56977 (13110920)
4215720.6	51.85418 (15012918)	51.13909 (14110218)	51.28406 (14110218)	49.65730 (14110218)	48.53984 (13110920)
4215700.6	50.79443 (15012918)	49.88299 (14110218)	50.15982 (14110218)	49.74205 (14110218)	47.55694 (14110218)
4215680.6	50.25017 (15012918)	49.98570 (14110218)	49.87876 (14110218)	48.83414 (14110218)	47.76041 (13110920)
4215660.6	49.46668 (15012918)	48.96762 (14110218)	48.96677 (14110218)	48.45917 (14110218)	46.96517 (14110218)
4215640.6	48.77508 (14110218)	48.65275 (14110218)	48.35000 (14110218)	47.70031 (14110218)	46.79150 (13110920)
4215620.6	48.06936 (15012918)	47.90632 (14110218)	47.67712 (14110218)	47.03921 (14110218)	46.10798 (14110218)
4215600.6	47.59609 (14110218)	47.28711 (14110218)	46.87857 (14110218)	46.26443 (14110218)	45.55900 (13110920)
4215580.6	46.82907 (14110218)	46.59789 (14110218)	46.23794 (14110218)	45.67318 (14110218)	44.96521 (14110218)
4215560.6	46.17540 (14110218)	45.81284 (14110218)	45.39015 (14110218)	44.84166 (14110218)	44.25096 (13110920)
4215540.6	45.48926 (14110218)	45.19661 (14110218)	44.80988 (14110218)	44.28998 (14110218)	43.75930 (14110218)

 4215520.6 | 44.65931 (14110218)   44.35312 (14110218)   43.98525 (14110218)   43.51909 (14110218)
43.09068 (14110218)
 4215500.6 | 43.81802 (15012918)   43.56833 (14110218)   43.26146 (14110218)   43.03544 (14110218)
42.40450 (14110218)
 4215480.6 | 43.29798 (15012918)   42.96553 (14110218)   42.69618 (14110218)   42.32394 (14110218)
41.92675 (14110218)
 4215460.6 | 42.79456 (15012918)   42.36298 (14110218)   42.13999 (14110218)   41.79928 (14110218)
41.29309 (14110218)
 4215440.6 | 42.30548 (15012918)   41.75582 (14110218)   41.58846 (14110218)   41.28496 (14110218)
40.81585 (14110218)
 4215420.6 | 41.82794 (15012918)   41.15847 (15012918)   41.03684 (14110218)   40.77725 (14110218)
40.34684 (14110218)
 4215400.6 | 41.35980 (15012918)   40.72846 (15012918)   40.48108 (14110218)   40.27238 (14110218)
39.92367 (14110218)
 4215380.6 | 40.93244 (15012918)   40.33747 (15012918)   39.96009 (14110218)   39.80598 (14110218)
39.46332 (14110218)
 4215360.6 | 40.47538 (15012918)   39.92180 (15012918)   39.38381 (14110218)   39.29572 (14110218)
39.00368 (14110218)
 4215340.6 | 40.02129 (15012918)   39.51153 (15012918)   38.82895 (15012918)   38.77766 (14110218)
38.54177 (14110218)
 4215320.6 | 39.53711 (15012918)   39.07772 (15012918)   38.41661 (15012918)   38.17083 (14110218)
38.03758 (14110218)
 4215300.6 | 39.08456 (15012918)   38.64670 (15012918)   38.03460 (15012918)   37.54604 (14110218)
37.52522 (14110218)
 4215280.6 | 38.63001 (15012918)   38.21686 (15012918)   37.62727 (15012918)   36.94522 (14110218)
37.00202 (14110218)
 4215260.6 | 38.14122 (15012918)   37.78670 (15012918)   37.24923 (15012918)   36.51061 (15012918)
36.42428 (14110218)
 4215240.6 | 37.67920 (15012918)   37.35483 (15012918)   36.87142 (15012918)   36.18743 (15012918)
35.87160 (14110218)
 4215220.6 | 37.21144 (15012918)   36.95018 (15012918)   36.52171 (15012918)   35.89265 (15012918)
35.34462 (14110218)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                 L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
 -
- - - - - - - -

 4215200.6 | 36.73703 (15012918)   36.57004 (15012918)   36.16969 (15012918)   35.59574 (15012918)
34.79684 (15012918)
 4215180.6 | 36.28458 (15012918)   36.15591 (15012918)   35.81449 (15012918)   35.29619 (15012918)
34.55691 (15012918)
 4215160.6 | 35.79430 (15012918)   35.73595 (15012918)   35.45532 (15012918)   34.99338 (15012918)
34.28616 (15012918)
 4215140.6 | 35.32738 (15112021)   35.30947 (15012918)   35.09141 (15012918)   34.68675 (15012918)
34.01171 (15012918)
 4215120.6 | 34.95110 (15112021)   34.87573 (15012918)   34.74781 (15012918)   34.37572 (15012918)
33.76006 (15012918)
 4215100.6 | 34.57176 (15112021)   34.43409 (15012918)   34.37210 (15012918)   34.05973 (15012918)
33.47688 (15012918)
 4215080.6 | 34.18890 (15112021)   34.01019 (15012918)   33.98964 (15012918)   33.73823 (15012918)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4216000.6 | 68.30028 (16111220)   64.14645 (16111220)   58.95914 (13112817)   57.31720 (16110219)
56.49211 (14012919)
 4215980.6 | 65.99771 (16111220)   63.33673 (16111220)   58.55993 (16111220)   55.22328 (16111321)
54.28872 (16110219)
 4215960.6 | 63.51585 (16111220)   61.92459 (16111220)   58.56678 (16111220)   53.63633 (13112817)
52.06179 (16111321)
 4215940.6 | 61.03549 (16111220)   60.16580 (16111220)   57.92259 (16111220)   54.02145 (16111220)
50.61553 (13112817)
 4215920.6 | 59.34244 (14110717)   58.25052 (16111220)   56.82451 (16111220)   54.01824 (16111220)
49.72406 (16111220)
 4215900.6 | 57.79763 (14110717)   56.31038 (16111220)   55.45315 (16111220)   53.50348 (16111220)
50.22192 (16111220)
 4215880.6 | 56.21942 (14110717)   54.49572 (16111418)   53.96747 (16111220)   52.63707 (16111220)
50.22442 (16111220)
 4215860.6 | 54.65066 (14110717)   53.31025 (14110717)   52.44109 (16111220)   51.56938 (16111220)
49.81202 (16111220)
 4215840.6 | 53.13146 (14110717)   52.14531 (14110717)   50.95791 (16111220)   50.38097 (16111220)
49.12065 (16111220)
 4215820.6 | 53.19274 (14110717)   50.95009 (14110717)   49.62219 (16111418)   49.14623 (16111220)
48.24806 (16111220)
 4215800.6 | 51.51806 (14110717)   49.75057 (14110717)   48.63209 (14110717)   47.91648 (16111220)
47.28673 (16111220)
 4215780.6 | 49.96862 (14110717)   49.97947 (14110717)   47.69250 (14110717)   46.70974 (16111220)
46.26191 (16111220)
 4215760.6 | 48.83353 (16110518)   48.60814 (14110717)   48.35560 (14110717)   47.46521 (14110717)
46.06378 (16111418)
 4215740.6 | 49.62639 (16110518)   47.29141 (14110717)   47.18856 (14110717)   46.60570 (14110717)
45.29511 (14110717)
 4215720.6 | 48.23559 (16110518)   46.02977 (16110518)   46.35505 (14110717)   46.44061 (14110717)
45.95132 (14110717)
 4215700.6 | 46.91937 (15011018)   47.13934 (16110518)   46.68658 (14110717)   47.03458 (14110717)
46.72331 (14110717)
 4215680.6 | 45.77855 (13110920)   45.95166 (16110518)   45.80465 (16110518)   45.63680 (14110717)
45.73556 (14110717)
 4215660.6 | 46.17733 (15011018)   44.75364 (16110518)   44.85349 (16110518)   44.30601 (16110518)
44.62381 (14110717)
 4215640.6 | 45.42339 (13110920)   43.65395 (15011018)   43.85016 (16110518)   43.52693 (16110518)
43.46687 (14110717)

 4215620.6 | 45.26712 (13110920)   44.17674 (15011018)   42.81630 (16110518)   42.68052 (16110518)
42.27201 (14110717)
 4215600.6 | 44.64390 (13110920)   43.18962 (15011018)   43.34034 (16110518)   41.84955 (16110518)
41.27610 (16110518)
 4215580.6 | 44.19990 (13110920)   43.49845 (15011018)   42.37720 (15011018)   42.35375 (16110518)
40.67151 (16110518)
 4215560.6 | 43.72419 (13110920)   43.34713 (16110518)   42.63285 (16110518)   41.54832 (16110518)
41.26617 (16110518)
 4215540.6 | 43.10918 (13110920)   42.56856 (15011018)   41.80471 (15011018)   41.82417 (16110518)
40.63405 (16110518)
 4215520.6 | 42.59926 (13110920)   42.19415 (16110518)   41.74839 (16110518)   41.07833 (16110518)
40.81340 (16110518)
 4215500.6 | 41.91248 (13110920)   41.49009 (15011018)   41.43904 (16110518)   40.99792 (16110518)
40.20833 (16110518)
 4215480.6 | 41.42568 (13110920)   40.99650 (16110518)   40.78056 (16110518)   40.32774 (16110518)
40.09687 (16110518)
 4215460.6 | 40.75196 (14110218)   40.42004 (13110920)   40.22018 (16110518)   40.00673 (16110518)
39.53186 (16110518)
 4215440.6 | 40.25198 (14110218)   39.78970 (13110920)   39.60470 (16110518)   39.39505 (16110518)
39.26773 (16110518)
 4215420.6 | 39.83302 (14110218)   39.36180 (13110920)   38.91906 (16110518)   38.95579 (16110518)
38.73211 (16110518)
 4215400.6 | 39.41756 (14110218)   38.74032 (13110920)   38.37753 (13110920)   38.29102 (16110518)
38.22937 (16110518)
 4215380.6 | 39.00493 (14110218)   38.37750 (14110218)   37.88652 (13110920)   37.73285 (16110518)
37.70865 (16110518)
 4215360.6 | 38.59348 (14110218)   38.06708 (14110218)   37.49620 (13110920)   37.04417 (15011018)
37.09448 (16110518)
 4215340.6 | 38.18180 (14110218)   37.71181 (14110218)   37.09987 (13110920)   36.59228 (13110920)
36.46620 (16110518)
 4215320.6 | 37.76784 (14110218)   37.35316 (14110218)   36.71104 (14110218)   36.21200 (13110920)
35.87329 (15011018)
 4215300.6 | 37.31292 (14110218)   36.99021 (14110218)   36.41581 (14110218)   35.86818 (13110920)
35.34349 (15011018)
 4215280.6 | 36.88933 (14110218)   36.62205 (14110218)   36.07495 (14110218)   35.46780 (13110920)
34.87337 (13110920)
 4215260.6 | 36.42044 (14110218)   36.24741 (14110218)   35.76437 (14110218)   35.05599 (13110920)
34.53526 (13110920)
 4215240.6 | 35.94099 (14110218)   35.83097 (14110218)   35.40879 (14110218)   34.74316 (14110218)
34.18275 (13110920)
 4215220.6 | 35.44898 (14110218)   35.36965 (14110218)   35.04477 (14110218)   34.44833 (14110218)
33.81558 (13110920)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4215200.6 | 34.94251 (14110218)   34.89514 (14110218)   34.63325 (14110218)   34.14237 (14110218)
33.48273 (13110920)
 4215180.6 | 34.41997 (14110218)   34.44509 (14110218)   34.24875 (14110218)   33.82494 (14110218)

33.22682 (14110218)
 4215160.6 | 33.83857 (14110218)   33.94125 (14110218)   33.81261 (14110218)   33.49560 (14110218)
32.97145 (14110218)
 4215140.6 | 33.27971 (14110218)   33.41995 (14110218)   33.36162 (14110218)   33.15383 (14110218)
32.74383 (14110218)
 4215120.6 | 32.90340 (15012918)   32.88026 (14110218)   32.93757 (14110218)   32.79900 (14110218)
32.46004 (14110218)
 4215100.6 | 32.68230 (15012918)   32.36610 (14110218)   32.45539 (14110218)   32.43034 (14110218)
32.20289 (14110218)
 4215080.6 | 32.45524 (15012918)   31.78946 (14110218)   32.00033 (14110218)   32.04720 (14110218)
31.93031 (14110218)
 4215060.6 | 32.22200 (15012918)   31.23641 (15012109)   31.48405 (14110218)   31.64897 (14110218)
31.60318 (14110218)
 4215040.6 | 31.98230 (15012918)   31.09175 (15012918)   31.04061 (14110218)   31.27705 (14110218)
31.30009 (14110218)
 4215020.6 | 31.73591 (15012918)   30.94035 (15012918)   30.62227 (14110218)   30.92843 (14110218)
31.01816 (14110218)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4216000.6 | 55.07513 (14012919)   54.09085 (17010206)   53.51014 (16112806)   52.90322 (16112806)
51.76540 (16112806)
 4215980.6 | 53.41116 (14012919)   51.94202 (14012919)   51.27251 (17010206)   50.72314 (16112806)
50.17224 (16112806)
 4215960.6 | 51.53300 (16110219)   50.62117 (14012919)   49.14657 (14012919)   48.75219 (17010206)
48.23443 (16112806)
 4215940.6 | 49.62294 (16110219)   49.01118 (16110219)   48.10791 (14012919)   46.74133 (17010206)
46.49207 (17010206)
 4215920.6 | 47.95811 (16111321)   47.41550 (16110219)   46.76562 (14012919)   45.83297 (14012919)
44.70082 (17010206)
 4215900.6 | 46.83856 (13112817)   45.75780 (16110219)   45.37996 (16110219)   44.72207 (14012919)
43.77245 (14012919)
 4215880.6 | 46.59824 (16111220)   44.52799 (13112817)   43.95052 (16110219)   43.50600 (16110219)
42.85941 (14012919)
 4215860.6 | 46.99811 (16111220)   43.63980 (13112817)   42.56132 (16111321)   42.28606 (16110219)
41.78300 (16110219)
 4215840.6 | 46.98223 (16111220)   43.90912 (16111220)   41.72633 (13112817)   41.00795 (16110219)
40.72799 (16110219)
 4215820.6 | 46.65158 (16111220)   44.24407 (16111220)   40.97373 (16111220)   39.94648 (16111321)
39.59129 (16110219)
 4215800.6 | 46.09514 (16111220)   44.23297 (16111220)   41.58691 (16111220)   39.29854 (13112817)
38.42425 (16110219)
 4215780.6 | 45.38708 (16111220)   43.96708 (16111220)   41.84097 (16111220)   39.01941 (16111220)
37.74702 (13112817)
 4215760.6 | 45.62258 (16111220)   43.51470 (16111220)   41.83668 (16111220)   39.52070 (16111220)
37.15094 (13112817)
 4215740.6 | 44.58419 (16111220)   44.01732 (16111220)   41.62245 (16111220)   39.74686 (16111220)
37.25478 (16111220)

 4215720.6 | 44.55608 (14110717)   43.19390 (16111220)   42.36199 (16111220)   39.74940 (16111220)
37.67982 (16111220)
 4215700.6 | 45.62564 (14110717)   42.30182 (16111220)   41.75594 (16111220)   39.57589 (16111220)
37.87591 (16111220)
 4215680.6 | 44.98541 (14110717)   41.97862 (14110717)   41.04372 (16111220)   40.27883 (16111220)
39.00049 (16111220)
 4215660.6 | 44.20446 (14110717)   41.61841 (14110717)   40.27378 (16111220)   39.75145 (16111220)
38.79455 (16111220)
 4215640.6 | 43.32754 (14110717)   41.07223 (14110717)   39.82222 (16111418)   39.41910 (16111220)
38.43767 (16111220)
 4215620.6 | 42.39229 (14110717)   41.94492 (14110717)   40.83400 (14110717)   39.81581 (14013006)
38.34661 (16111220)
 4215600.6 | 41.48854 (14110717)   41.54080 (14110717)   41.08604 (14110717)   39.96460 (14110717)
38.78754 (14013006)
 4215580.6 | 40.48896 (14110717)   40.70861 (14110717)   40.52727 (14110717)   39.77344 (14110717)
38.32320 (16011507)
 4215560.6 | 39.48318 (14110717)   39.82071 (14110717)   39.85549 (14110717)   39.41408 (14110717)
38.27845 (14110717)
 4215540.6 | 38.87943 (16110518)   38.90014 (14110717)   39.09947 (14110717)   38.91639 (14110717)
38.12969 (14110717)
 4215520.6 | 39.55477 (16110518)   39.28667 (14110717)   39.54387 (14110717)   39.42609 (14110717)
38.72445 (14110717)
 4215500.6 | 39.74575 (16110518)   38.39113 (16110518)   38.69717 (14110717)   38.70623 (14110717)
38.26140 (14110717)
 4215480.6 | 39.28715 (16110518)   38.56524 (14110717)   37.81899 (14110717)   37.98868 (14110717)
37.70327 (14110717)
 4215460.6 | 39.18113 (16110518)   38.23191 (16110518)   38.01465 (14110717)   37.17237 (14110717)
37.13339 (14110717)
 4215440.6 | 38.72634 (16110518)   37.77511 (16110518)   37.15782 (14110717)   36.33375 (14110717)
36.43943 (14110717)
 4215420.6 | 38.40095 (16110518)   37.74533 (16110518)   36.73040 (16110518)   36.59068 (14110717)
35.75239 (14110717)
 4215400.6 | 37.95050 (16110518)   37.53517 (16110518)   36.73596 (16110518)   35.83871 (14110717)
36.02015 (14110717)
 4215380.6 | 37.47395 (16110518)   37.17486 (16110518)   36.46691 (16110518)   35.90375 (14110717)
35.35938 (14110717)
 4215360.6 | 37.08209 (16110518)   36.73914 (16110518)   36.24981 (16110518)   35.39260 (16110518)
35.41545 (14110717)
 4215340.6 | 36.50123 (16110518)   36.35249 (16110518)   35.94295 (16110518)   35.31096 (16110518)
34.74845 (14110717)
 4215320.6 | 35.91040 (16110518)   35.87249 (16110518)   35.56921 (16110518)   35.03049 (16110518)
34.59959 (14110717)
 4215300.6 | 35.29525 (16110518)   35.29895 (16110518)   35.16170 (16110518)   34.72051 (16110518)
34.10337 (16110518)
 4215280.6 | 34.73572 (15011018)   34.72911 (16110518)   34.72189 (16110518)   34.45638 (16110518)
33.86480 (16110518)
 4215260.6 | 34.16251 (15011018)   34.20526 (16110518)   34.18965 (16110518)   34.04132 (16110518)
33.74766 (16110518)
 4215240.6 | 33.65350 (13110920)   33.72968 (15011018)   33.78389 (16110518)   33.72351 (16110518)
33.39511 (16110518)
 4215220.6 | 33.27892 (13110920)   33.19590 (15011018)   33.23572 (16110518)   33.23769 (16110518)
33.14375 (16110518)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                 L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539245.17              539265.17              539285.17              539305.17
539325.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |     33.02639 (13110920)     32.76864 (15011018)     32.81282 (15011018)     32.86834 (16110518)
32.71678 (16110518)
 4215180.6 |     32.75508 (13110920)     32.35923 (13110920)     32.43728 (15011018)     32.47557 (16110518)
32.40376 (16110518)
 4215160.6 |     32.46543 (13110920)     32.14985 (13110920)     32.03984 (15011018)     32.05903 (16110518)
32.11359 (16110518)
 4215140.6 |     32.20489 (13110920)     31.91927 (13110920)     31.61954 (15011018)     31.66085 (15011018)
31.65170 (16110518)
 4215120.6 |     31.94235 (14110218)     31.66819 (13110920)     31.24357 (13110920)     31.24402 (15011018)
31.16336 (16110518)
 4215100.6 |     31.76044 (14110218)     31.35210 (13110920)     31.00965 (13110920)     30.75393 (15011018)
30.77299 (15011018)
 4215080.6 |     31.56114 (14110218)     31.06152 (13110920)     30.75434 (13110920)     30.23843 (15011018)
30.33704 (15011018)
 4215060.6 |     31.34475 (14110218)     30.78698 (14110218)     30.47811 (13110920)     29.98911 (13110920)
29.87533 (15011018)
 4215040.6 |     31.11160 (14110218)     30.63098 (14110218)     30.22514 (13110920)     29.81957 (13110920)
29.49025 (15011018)
 4215020.6 |     30.89681 (14110218)     30.45629 (14110218)     29.95074 (13110920)     29.62636 (13110920)
29.18271 (13123121)
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 666
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK1
***
                               INCLUDING SOURCE(S):     L0000341    , L0000342    , L0000343    , L0000344    ,
L0000345    ,
                L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000351    ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539345.17              539365.17              539385.17              539405.17
539425.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |     50.07813 (16112806)     49.28013 (15110121)     49.05905 (15110121)     48.59753 (15110121)
47.86710 (15110121)
 4215980.6 |     49.18123 (16112806)     47.71732 (16112806)     46.56073 (15110121)     46.43490 (15110121)
46.10870 (15110121)
 4215960.6 |     47.73964 (16112806)     46.86605 (16112806)     45.59091 (16112806)     44.07258 (15110121)
44.02192 (15110121)
 4215940.6 |     46.00297 (16112806)     45.55445 (16112806)     44.78432 (16112806)     43.66220 (16112806)
42.19634 (16112806)
 4215920.6 |     44.44953 (17010206)     43.97900 (16112806)     43.57741 (16112806)     42.88932 (16112806)
41.89508 (16112806)
 4215900.6 |     42.84088 (17010206)     42.58947 (17010206)     42.12652 (16112806)     41.76207 (16112806)
41.14869 (16112806)
 4215880.6 |     41.91057 (14012919)     41.12420 (17010206)     40.88005 (17010206)     40.41134 (16112806)
40.08855 (16112806)
 4215860.6 |     41.15346 (14012919)     40.18971 (14012919)     39.52864 (17010206)     39.29500 (17010206)
38.85255 (17010206)
 4215840.6 |     40.21051 (14012919)     39.56275 (14012919)     38.60552 (14012919)     38.03915 (17010206)
37.82567 (17010206)
```

 4215820.6 | 39.26181 (16110219)   38.74199 (14012919)   38.08195 (14012919)   37.14195 (14012919)
36.64943 (17010206)
 4215800.6 | 38.24919 (16110219)   37.88066 (16110219)   37.36899 (14012919)   36.70861 (14012919)
35.78908 (14012919)
 4215780.6 | 37.17570 (16110219)   36.97207 (16110219)   36.57754 (16110219)   36.08684 (14012919)
35.43070 (14012919)
 4215760.6 | 36.30562 (16111321)   35.98591 (16110219)   35.75921 (16110219)   35.35986 (16110219)
34.88237 (14012919)
 4215740.6 | 35.79739 (13112817)   35.03945 (16111321)   34.86009 (16110219)   34.62953 (16110219)
34.21105 (16110219)
 4215720.6 | 35.23220 (13112817)   34.50461 (13112817)   33.89492 (16110219)   33.79869 (16110219)
33.55336 (16110219)
 4215700.6 | 35.66207 (16111220)   34.04743 (13112817)   33.29671 (16111321)   32.89996 (16110219)
32.79193 (16110219)
 4215680.6 | 36.03712 (16111220)   33.73119 (16111220)   32.91443 (13112817)   32.24635 (16111321)
31.94920 (16110219)
 4215660.6 | 37.31423 (16111220)   34.25157 (16111220)   32.45853 (13112817)   31.83060 (13112817)
31.26582 (17012308)
 4215640.6 | 37.28826 (16111220)   34.58665 (16111220)   32.53253 (16111220)   31.45257 (13112817)
30.78765 (13112817)
 4215620.6 | 37.08886 (16111220)   35.75478 (16111220)   32.99329 (16111220)   30.98554 (13112817)
30.47841 (13112817)
 4215600.6 | 37.23923 (16111220)   35.72370 (16111220)   33.27265 (16111220)   31.41079 (16111220)
30.07501 (13112817)
 4215580.6 | 37.63886 (16111220)   35.54891 (16111220)   34.36303 (16111220)   32.77954 (16111220)
30.81795 (16111220)
 4215560.6 | 37.32392 (14013006)   36.61931 (16111220)   34.32241 (16111220)   33.01746 (16111220)
31.34328 (16111220)
 4215540.6 | 36.63984 (16011507)   36.39990 (14013006)   34.64441 (16111220)   33.75654 (16111220)
32.49044 (16111220)
 4215520.6 | 36.59816 (14110717)   35.77133 (14013006)   35.14321 (16111220)   34.48168 (16111220)
33.44002 (16111220)
 4215500.6 | 36.42931 (14110717)   35.10453 (16011507)   34.88432 (14013006)   34.40406 (14013006)
33.41271 (16111220)
 4215480.6 | 36.12839 (14110717)   35.06937 (14110717)   34.29625 (14013006)   34.06500 (14013006)
33.50642 (16111220)
 4215460.6 | 36.66841 (14110717)   34.94161 (14110717)   33.76132 (16111418)   33.59437 (14013006)
33.14597 (14013006)
 4215440.6 | 36.24496 (14110717)   35.54285 (14110717)   34.41430 (14110717)   32.97730 (14013006)
32.74873 (14013006)
 4215420.6 | 35.73502 (14110717)   35.26881 (14110717)   34.41133 (14110717)   32.51405 (16111418)
32.25116 (14013006)
 4215400.6 | 35.15412 (14110717)   34.89435 (14110717)   34.20972 (14110717)   33.05664 (14110717)
31.71768 (16111418)
 4215380.6 | 35.45121 (14110717)   34.43479 (14110717)   33.90615 (14110717)   33.00203 (14110717)
31.33366 (16111418)
 4215360.6 | 34.82694 (14110717)   34.69246 (14110717)   33.57836 (14110717)   32.90625 (14110717)
31.80269 (14110717)
 4215340.6 | 34.15113 (14110717)   34.11447 (14110717)   33.11243 (14110717)   32.64035 (14110717)
31.83838 (14110717)
 4215320.6 | 34.24208 (14110717)   33.65034 (14110717)   33.45209 (14110717)   32.41049 (14110717)
31.82799 (14110717)
 4215300.6 | 34.14794 (14110717)   33.74602 (14110717)   33.03374 (14110717)   32.79174 (14110717)
32.26792 (14110717)
 4215280.6 | 33.54860 (14110717)   33.18830 (14110717)   33.13755 (14110717)   32.98185 (14110717)
32.51443 (14110717)
 4215260.6 | 33.21214 (14110717)   33.07588 (14110717)   32.66924 (14110717)   32.66615 (14110717)
32.37108 (14110717)
 4215240.6 | 32.83756 (16110518)   32.49576 (14110717)   32.62384 (14110717)   32.56834 (14110717)
32.07905 (14110717)
 4215220.6 | 32.56757 (16110518)   32.25425 (14110717)   32.11520 (14110717)   32.13099 (14110717)
32.01722 (14110717)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK1
***
                              INCLUDING SOURCE(S):     L0000341    , L0000342    , L0000343    , L0000344    ,
L0000345    ,
                L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000351    ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                          X-COORD (METERS)
  (METERS) |       539345.17              539365.17              539385.17              539405.17
539425.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |     32.39076 (16110518)     31.77717 (14110717)     31.82818 (14110717)     31.69592 (14110717)
31.65605 (14110717)
 4215180.6 |     32.09093 (16110518)     31.62888 (16110518)     31.28845 (14110717)     31.42765 (14110717)
31.23470 (14110717)
 4215160.6 |     31.83944 (16110518)     31.35404 (16110518)     30.84775 (14110717)     30.95042 (14110717)
30.93438 (14110717)
 4215140.6 |     31.50948 (16110518)     31.16979 (16110518)     30.67700 (16110518)     30.53235 (14110717)
30.52321 (14110717)
 4215120.6 |     31.15228 (16110518)     30.90228 (16110518)     30.43918 (16110518)     30.01538 (14110717)
30.13580 (14110717)
 4215100.6 |     30.76829 (16110518)     30.60437 (16110518)     30.28825 (16110518)     29.69601 (16110518)
29.67505 (14110717)
 4215080.6 |     30.30741 (16110518)     30.32682 (16110518)     30.10204 (16110518)     29.61380 (16110518)
29.22111 (14110717)
 4215060.6 |     29.92000 (15011018)     29.97123 (16110518)     29.88249 (16110518)     29.49261 (16110518)
28.87715 (16110518)
 4215040.6 |     29.61270 (15011018)     29.58773 (16110518)     29.53595 (16110518)     29.28717 (16110518)
28.77499 (16110518)
 4215020.6 |     29.23089 (15011018)     29.19628 (15011018)     29.15891 (16110518)     28.99981 (16110518)
28.63432 (16110518)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 668
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                          *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK1
***
                              INCLUDING SOURCE(S):     L0000341    , L0000342    , L0000343    , L0000344    ,
L0000345    ,
                L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000351    ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                          X-COORD (METERS)
  (METERS) |       539445.17              539465.17              539485.17              539505.17
539525.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |     46.86652 (15110121)     45.60546 (15110121)     44.11041 (15110121)     42.88638 (14010920)
42.43805 (14010920)
 4215980.6 |     45.56086 (15110121)     44.77946 (15110121)     43.76921 (15110121)     42.54827 (15110121)
41.13141 (15110121)
 4215960.6 |     43.80573 (15110121)     43.40418 (15110121)     42.80450 (15110121)     42.00186 (15110121)
41.00514 (15110121)
 4215940.6 |     41.78516 (15110121)     41.66381 (15110121)     41.38136 (15110121)     40.92670 (15110121)
40.29534 (15110121)
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 4215920.6 | 40.59998 (16112806)   39.69619 (15110121)   39.65117 (15110121)   39.46937 (15110121)
39.14264 (15110121)
 4215900.6 | 40.26768 (16112806)   39.11929 (16112806)   37.72601 (15110121)   37.75077 (15110121)
37.65971 (15110121)
 4215880.6 | 39.54695 (16112806)   38.76740 (16112806)   37.74792 (16112806)   36.49472 (16112806)
35.94972 (15110121)
 4215860.6 | 38.53992 (16112806)   38.06181 (16112806)   37.37167 (16112806)   36.46327 (16112806)
35.34186 (16112806)
 4215840.6 | 37.42103 (17010206)   37.09760 (16112806)   36.67814 (16112806)   36.06585 (16112806)
35.25596 (16112806)
 4215820.6 | 36.45611 (17010206)   36.08643 (17010206)   35.74520 (16112806)   35.38020 (16112806)
34.83989 (16112806)
 4215800.6 | 35.34216 (17010206)   35.17235 (17010206)   34.83588 (17010206)   34.47109 (16112806)
34.15767 (16112806)
 4215780.6 | 34.52715 (14012919)   34.10718 (17010206)   33.95852 (17010206)   33.65696 (17010206)
33.26460 (16112806)
 4215760.6 | 34.23110 (14012919)   33.35024 (14012919)   32.93602 (17010206)   32.81278 (17010206)
32.54592 (17010206)
 4215740.6 | 33.75208 (14012919)   33.10593 (14012919)   32.24382 (14012919)   31.82389 (17010206)
31.72668 (17010206)
 4215720.6 | 33.12923 (16110219)   32.68241 (14012919)   32.04235 (14012919)   31.20647 (14012919)
30.76583 (17010206)
 4215700.6 | 32.53520 (16110219)   32.11211 (14012919)   31.66569 (14012919)   31.04332 (14012919)
30.23444 (14012919)
 4215680.6 | 31.83169 (16110219)   31.56354 (16110219)   31.14602 (14012919)   30.70957 (14012919)
30.10320 (14012919)
 4215660.6 | 31.03661 (16110219)   30.91187 (16110219)   30.63577 (16110219)   30.23084 (14012919)
29.80313 (14012919)
 4215640.6 | 30.35524 (17012308)   30.16384 (16110219)   30.03367 (16110219)   29.75823 (16110219)
29.36246 (14012919)
 4215620.6 | 29.84554 (14012921)   29.47929 (17012308)   29.32861 (16110219)   29.19737 (16110219)
28.92348 (16110219)
 4215600.6 | 29.53827 (13112817)   28.97605 (17012308)   28.64346 (17012308)   28.53159 (16110219)
28.39737 (16110219)
 4215580.6 | 29.96123 (13112817)   29.56334 (13112817)   28.19089 (17012308)   27.84527 (17012308)
27.76510 (16110219)
 4215560.6 | 29.40305 (13112817)   29.15733 (13112817)   28.68487 (13112817)   27.43597 (17012308)
27.07668 (17012308)
 4215540.6 | 30.81905 (16111220)   29.02575 (13112817)   28.34610 (13112817)   27.85094 (13112817)
26.70717 (17012308)
 4215520.6 | 31.96848 (16111220)   30.08351 (16111220)   27.90686 (13112817)   27.57074 (13112817)
26.30658 (14012921)
 4215500.6 | 32.23576 (16111220)   30.61139 (16111220)   28.04259 (16111220)   27.17822 (13112817)
26.80679 (13112817)
 4215480.6 | 32.29288 (16111220)   30.95284 (16111220)   28.59632 (16111220)   26.70244 (13112817)
26.47890 (13112817)
 4215460.6 | 32.53611 (16111220)   31.12632 (16111220)   29.01426 (16111220)   27.34195 (16111220)
26.40858 (13112817)
 4215440.6 | 32.22763 (16111220)   31.15174 (16111220)   29.99536 (16111220)   28.49873 (16111220)
26.14383 (16111220)
 4215420.6 | 31.87833 (16111220)   31.08067 (16111220)   30.15873 (16111220)   28.90611 (16111220)
27.29933 (16111220)
 4215400.6 | 31.47717 (14013006)   31.12668 (16111220)   30.53794 (16111220)   29.64441 (16122222)
27.78851 (16111220)
 4215380.6 | 31.05025 (14013006)   30.77178 (16111220)   30.35257 (16111220)   29.61132 (16111220)
28.09465 (16111220)
 4215360.6 | 30.61756 (16111418)   30.43810 (14013006)   30.08917 (16111220)   29.52524 (16111220)
28.26654 (16111220)
 4215340.6 | 31.11142 (16011507)   31.00614 (14013006)   29.70959 (16111220)   29.33029 (16111220)
28.67667 (16111220)
 4215320.6 | 30.85212 (14110717)   30.57806 (16011507)   30.30627 (14013006)   29.08564 (16111220)
28.60251 (16111220)
 4215300.6 | 31.37091 (14110717)   30.99826 (16011507)   29.92478 (14013006)   29.63313 (14013006)
28.41770 (16111220)
 4215280.6 | 31.70529 (14110717)   30.60894 (16011507)   30.34868 (14013006)   29.34463 (14013006)
28.13567 (16111220)
 4215260.6 | 31.75154 (14110717)   30.84654 (16011507)   30.04559 (16011507)   29.73928 (14013006)
28.67329 (14013006)
 4215240.6 | 31.63669 (14110717)   30.86386 (14110717)   30.17098 (16011507)   29.37631 (16011507)

28.37569 (14013006)
 4215220.6 | 31.56718 (14110717)   30.78084 (14110717)   29.72451 (14110717)   29.01402 (16011507)
28.77175 (14013006)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4215200.6 | 31.28996 (14110717)   30.61256 (14110717)   29.80758 (14110717)   29.15742 (16011507)
28.46080 (16011507)
 4215180.6 | 31.01121 (14110717)   30.36621 (14110717)   29.73445 (14110717)   28.85702 (14110717)
28.70266 (16011507)
 4215160.6 | 30.60753 (14110717)   30.04863 (14110717)   29.64445 (14110717)   28.94111 (14110717)
28.39104 (16011507)
 4215140.6 | 30.26597 (14110717)   30.05484 (14110717)   29.64100 (14110717)   29.01767 (14110717)
28.03931 (14110717)
 4215120.6 | 30.11591 (14110717)   29.78839 (14110717)   29.51876 (14110717)   28.98326 (14110717)
28.17410 (14110717)
 4215100.6 | 29.76313 (14110717)   29.61311 (14110717)   29.26589 (14110717)   28.87566 (14110717)
28.15616 (14110717)
 4215080.6 | 29.35804 (14110717)   29.27943 (14110717)   29.12816 (14110717)   28.69855 (14110717)
28.06427 (14110717)
 4215060.6 | 28.89037 (14110717)   28.95649 (14110717)   28.85981 (14110717)   28.54453 (14110717)
27.96518 (14110717)
 4215040.6 | 28.43170 (14110717)   28.56374 (14110717)   28.57452 (14110717)   28.34417 (14110717)
27.85839 (14110717)
 4215020.6 | 28.03463 (16113021)   28.17220 (14110717)   28.23798 (14110717)   28.10382 (14110717)
27.78798 (14110717)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -

- - - - - - - -

 4216000.6 | 41.86471 (14010920)   41.16356 (14010920)   40.35164 (14010920)   39.43058 (14010920)
38.38833 (14010920)
 4215980.6 | 40.16260 (14010920)   39.78138 (14010920)   39.27761 (14010920)   38.67119 (14010920)
37.93767 (14010920)
 4215960.6 | 39.83991 (15110121)   38.51598 (15110121)   37.72603 (14010920)   37.38617 (14010920)
36.92963 (14010920)
 4215940.6 | 39.49574 (15110121)   38.53706 (15110121)   37.42784 (15110121)   36.18006 (15110121)
35.48907 (14010920)
 4215920.6 | 38.65668 (15110121)   38.02026 (15110121)   37.23380 (15110121)   36.30526 (15110121)
35.23977 (15110121)
 4215900.6 | 37.43533 (15110121)   37.07246 (15110121)   36.57568 (15110121)   35.93572 (15110121)
35.16070 (15110121)
 4215880.6 | 35.93233 (15110121)   35.79923 (15110121)   35.54828 (15110121)   35.16708 (15110121)
34.65862 (15110121)
 4215860.6 | 34.22947 (15110121)   34.28447 (15110121)   34.23251 (15110121)   34.07001 (15110121)
33.79379 (15110121)
 4215840.6 | 34.25274 (16112806)   33.06776 (16112806)   32.70009 (15110121)   32.71932 (15110121)
32.64396 (15110121)
 4215820.6 | 34.11911 (16112806)   33.22050 (16112806)   32.15226 (16112806)   31.18080 (15110121)
31.26436 (15110121)
 4215800.6 | 33.68330 (16112806)   33.04389 (16112806)   32.23861 (16112806)   31.27624 (16112806)
30.16871 (16112806)
 4215780.6 | 33.00189 (16112806)   32.58951 (16112806)   32.02274 (16112806)   31.30243 (16112806)
30.43436 (16112806)
 4215760.6 | 32.12828 (17010206)   31.90596 (16112806)   31.54974 (16112806)   31.04965 (16112806)
30.40632 (16112806)
 4215740.6 | 31.49767 (17010206)   31.12364 (17010206)   30.86293 (16112806)   30.55866 (16112806)
30.12038 (16112806)
 4215720.6 | 30.69672 (17010206)   30.50250 (17010206)   30.17106 (17010206)   29.86654 (16112806)
29.61128 (16112806)
 4215700.6 | 29.76069 (17010206)   29.72056 (17010206)   29.55722 (17010206)   29.26441 (17010206)
28.91258 (16112806)
 4215680.6 | 29.32437 (14012919)   28.80446 (17010206)   28.78824 (17010206)   28.65451 (17010206)
28.39795 (17010206)
 4215660.6 | 29.21649 (14012919)   28.46888 (14012919)   27.88739 (17010206)   27.89451 (17010206)
27.78950 (17010206)
 4215640.6 | 28.94720 (14012919)   28.37965 (14012919)   27.65762 (14012919)   27.00681 (17010206)
27.03693 (17010206)
 4215620.6 | 28.53688 (14012919)   28.13386 (14012919)   27.58348 (14012919)   26.88692 (14012919)
26.16105 (17010206)
 4215600.6 | 28.12182 (16110219)   27.74681 (14012919)   27.35545 (14012919)   26.82336 (14012919)
26.15208 (14012919)
 4215580.6 | 27.62935 (16110219)   27.35813 (16110219)   26.99224 (14012919)   26.61202 (14012919)
26.09879 (14012919)
 4215560.6 | 27.03261 (16110219)   26.89600 (16110219)   26.62607 (16110219)   26.26969 (14012919)
25.90352 (14012919)
 4215540.6 | 26.34316 (16110219)   26.32974 (16110219)   26.19136 (16110219)   25.92737 (16110219)
25.57971 (14012919)
 4215520.6 | 26.00907 (17012308)   25.66832 (16110219)   25.65308 (16110219)   25.51749 (16110219)
25.25807 (16110219)
 4215500.6 | 25.58504 (14012921)   25.33501 (17012308)   25.02193 (16110219)   25.00513 (16110219)
24.86940 (16110219)
 4215480.6 | 26.07923 (13112817)   24.94180 (17012308)   24.68881 (17012308)   24.39866 (16110219)
24.38088 (16110219)
 4215460.6 | 25.79998 (13112817)   25.36121 (13112817)   24.32684 (17012308)   24.06472 (17012308)
23.80097 (16110219)
 4215440.6 | 25.80283 (13112817)   25.13007 (13112817)   24.67960 (13112817)   23.73181 (17012308)
23.46594 (17012308)
 4215420.6 | 25.24938 (13112817)   24.80430 (13112817)   24.47874 (13112817)   23.44682 (14012921)
23.16006 (17012308)
 4215400.6 | 25.56468 (16111220)   24.38254 (13112817)   24.19712 (13112817)   23.85783 (13112817)
22.85260 (14012921)
 4215380.6 | 26.04137 (16111220)   24.43937 (16111220)   23.82366 (13112817)   23.61499 (13112817)
23.25570 (13112817)
 4215360.6 | 27.03345 (16111220)   25.00019 (16111220)   23.63006 (13112817)   23.63481 (13112817)
23.04912 (13112817)
 4215340.6 | 27.28568 (16111220)   26.01832 (16111220)   24.50566 (16111220)   23.79872 (13112817)

23.12424 (13112817)
 4215320.6 | 27.85017 (16111220)   26.37564 (16111220)   25.05098 (16111220)   23.47044 (16111220)
22.66307 (13112817)
 4215300.6 | 27.85917 (16111220)   27.05429 (16111220)   25.97699 (16122222)   24.03395 (16111220)
22.14824 (13112817)
 4215280.6 | 27.75397 (16111220)   27.10315 (16111220)   26.17548 (16111220)   24.47848 (16111220)
22.55513 (16111220)
 4215260.6 | 27.54671 (16111220)   27.04513 (16111220)   26.30138 (16111220)   24.84086 (16111220)
23.01392 (16111220)
 4215240.6 | 28.03141 (14013006)   26.91646 (16111220)   26.31921 (16111220)   25.49065 (16111220)
23.39434 (16111220)
 4215220.6 | 27.81868 (14013006)   27.29955 (14013006)   26.29341 (16111220)   25.61364 (16111220)
24.25981 (16111220)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                      ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4215200.6 | 28.24775 (14013006)   27.17603 (14013006)   26.69963 (16111220)   25.62855 (16111220)
24.86602 (16111220)
 4215180.6 | 27.90749 (14013006)   27.69639 (14013006)   26.56492 (14013006)   25.54372 (16111220)
24.94953 (16111220)
 4215160.6 | 28.21778 (16011507)   27.43314 (14013006)   27.05203 (14013006)   25.92358 (16111220)
24.95894 (16111220)
 4215140.6 | 27.84550 (16011507)   26.98686 (16011507)   26.74425 (14013006)   25.74333 (14013006)
24.80020 (16111220)
 4215120.6 | 27.40267 (16011507)   26.64175 (16011507)   26.36132 (14013006)   25.47566 (14013006)
24.57310 (16111220)
 4215100.6 | 27.14019 (14110717)   26.22915 (16011507)   25.95589 (16011507)   25.13856 (14013006)
24.28564 (16111220)
 4215080.6 | 27.15988 (14110717)   25.89561 (14110717)   25.62360 (16011507)   24.74112 (14013006)
23.94500 (16111220)
 4215060.6 | 27.10177 (14110717)   26.22323 (14110717)   25.28310 (16011507)   24.51966 (16111418)
24.25601 (14013006)
 4215040.6 | 27.31252 (14110717)   26.36811 (14110717)   25.14240 (14110717)   24.82645 (16011507)
24.02954 (16111418)
 4215020.6 | 27.27763 (14110717)   26.55990 (14110717)   25.53746 (14110717)   24.58921 (16011507)
24.39757 (16011507)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                                INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,

L0000346 , L0000347 , L0000348 , L0000349 , L0000350 , L0000351 ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4216000.6	37.26243 (14010920)	36.40558 (13111506)	35.85533 (13111506)	35.24425 (13111506)	34.59003 (13111506)
4215980.6	37.11625 (14010920)	36.20138 (14010920)	35.21131 (14010920)	34.16985 (14010920)	33.64840 (13111506)
4215960.6	36.38367 (14010920)	35.73787 (14010920)	35.00685 (14010920)	34.22125 (14010920)	33.35960 (14010920)
4215940.6	35.18647 (14010920)	34.78596 (14010920)	34.30847 (14010920)	33.75065 (14010920)	33.12835 (14010920)
4215920.6	34.06664 (15110121)	33.44136 (14010920)	33.18150 (14010920)	32.85199 (14010920)	32.44609 (14010920)
4215900.6	34.26873 (15110121)	33.25841 (15110121)	32.15861 (15110121)	31.59527 (14010920)	31.39347 (14010920)
4215880.6	34.03237 (15110121)	33.28175 (15110121)	32.43176 (15110121)	31.49309 (15110121)	30.47843 (15110121)
4215860.6	33.40677 (15110121)	32.89839 (15110121)	32.28710 (15110121)	31.58056 (15110121)	30.77983 (15110121)
4215840.6	32.46031 (15110121)	32.16910 (15110121)	31.77768 (15110121)	31.28349 (15110121)	30.69152 (15110121)
4215820.6	31.25710 (15110121)	31.15472 (15110121)	30.95947 (15110121)	30.65938 (15110121)	30.26946 (15110121)
4215800.6	29.85440 (15110121)	29.91679 (15110121)	29.88722 (15110121)	29.76623 (15110121)	29.55312 (15110121)
4215780.6	29.42960 (16112806)	28.49591 (15110121)	28.61162 (15110121)	28.64623 (15110121)	28.60221 (15110121)
4215760.6	29.62574 (16112806)	28.71504 (16112806)	27.68759 (16112806)	27.34511 (15110121)	27.44217 (15110121)
4215740.6	29.54793 (16112806)	28.84510 (16112806)	28.01963 (16112806)	27.08498 (16112806)	26.12098 (15110121)
4215720.6	29.22949 (16112806)	28.72163 (16112806)	28.09271 (16112806)	27.34596 (16112806)	26.49249 (16112806)
4215700.6	28.70206 (16112806)	28.37262 (16112806)	27.92399 (16112806)	27.36133 (16112806)	26.68860 (16112806)
4215680.6	28.01606 (17010206)	27.82659 (16112806)	27.54693 (16112806)	27.15561 (16112806)	26.65434 (16112806)
4215660.6	27.56763 (17010206)	27.22675 (17010206)	26.98421 (16112806)	26.75253 (16112806)	26.41263 (16112806)
4215640.6	26.95920 (17010206)	26.77014 (17010206)	26.46938 (17010206)	26.17428 (16112806)	25.98753 (16112806)
4215620.6	26.21254 (17010206)	26.16094 (17010206)	26.00466 (17010206)	25.74482 (17010206)	25.39689 (16112806)
4215600.6	25.34966 (17010206)	25.42245 (17010206)	25.39811 (17010206)	25.27566 (17010206)	25.05068 (17010206)
4215580.6	25.45383 (14012919)	24.68319 (14012919)	24.66443 (17010206)	24.66729 (17010206)	24.57321 (17010206)
4215560.6	25.40888 (14012919)	24.78837 (14012919)	24.04935 (14012919)	23.93771 (17010206)	23.96331 (17010206)
4215540.6	25.22562 (14012919)	24.74968 (14012919)	24.15378 (14012919)	23.44444 (14012919)	23.23789 (17010206)
4215520.6	24.91801 (14012919)	24.57800 (14012919)	24.11982 (14012919)	23.54703 (14012919)	22.86740 (14012919)
4215500.6	24.61545 (16110219)	24.28491 (14012919)	23.95732 (14012919)	23.51678 (14012919)	22.96776 (14012919)
4215480.6	24.24871 (16110219)	24.00034 (16110219)	23.67693 (14012919)	23.36261 (14012919)	22.93987 (14012919)
4215460.6	23.78229 (16110219)	23.65123 (16110219)	23.40909 (16110219)	23.09351 (14012919)	22.79227 (14012919)
4215440.6	23.22579 (16110219)	23.20528 (16110219)	23.07825 (16110219)	22.84228 (16110219)	

22.53379 (14012919)
 4215420.6 | 22.88746 (17012308)   22.67068 (16110219)   22.65133 (16110219)   22.52710 (16110219)
22.29686 (16110219)
 4215400.6 | 22.60671 (17012308)   22.33198 (17012308)   22.13747 (16110219)   22.11699 (16110219)
21.99601 (16110219)
 4215380.6 | 22.28069 (14012921)   22.07460 (17012308)   21.79513 (17012308)   21.62254 (16110219)
21.60341 (16110219)
 4215360.6 | 22.65943 (13112817)   21.73511 (17012308)   21.55946 (17012308)   21.27919 (17012308)
21.12732 (16110219)
 4215340.6 | 22.48899 (13112817)   21.58914 (14012921)   21.24296 (17012308)   21.06371 (17012308)
20.78166 (17012308)
 4215320.6 | 22.21670 (13112817)   21.37529 (14012921)   21.08006 (14012921)   20.77162 (17012308)
20.58747 (17012308)
 4215300.6 | 21.87465 (13112817)   21.15794 (13112817)   20.89035 (14012921)   20.58834 (14012921)
20.31528 (17012308)
 4215280.6 | 21.46966 (13112817)   20.92789 (13112817)   20.66400 (13112817)   20.42116 (14012921)
20.11163 (14012921)
 4215260.6 | 21.01102 (16111220)   20.63164 (13112817)   20.45991 (13112817)   20.18520 (13112817)
19.96554 (14012921)
 4215240.6 | 21.53867 (16111220)   20.58958 (13112817)   20.18933 (13112817)   20.00465 (13112817)
19.74818 (14012921)
 4215220.6 | 22.55433 (16111220)   20.70350 (16111220)   20.18737 (13112817)   19.75854 (13112817)
19.56099 (13112817)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                               INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
                L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 23.46209 (16111220)   21.74782 (16111220)   19.88214 (16111220)   19.45201 (13112817)
19.33812 (13112817)
 4215180.6 | 24.14795 (16111220)   22.64184 (16111220)   20.39334 (16111220)   19.37811 (13112817)
19.05632 (13112817)
 4215160.6 | 24.29186 (16111220)   23.39170 (16111220)   21.36838 (16111220)   19.62757 (16111220)
19.01743 (13112817)
 4215140.6 | 24.27818 (16111220)   23.56176 (16111220)   22.18787 (16111220)   20.60677 (16111220)
18.86552 (16111220)
 4215120.6 | 24.18578 (16111220)   23.60869 (16111220)   22.42577 (16111220)   20.95335 (16111220)
19.35118 (16111220)
 4215100.6 | 24.02251 (16111220)   23.57605 (16111220)   22.57938 (16111220)   21.24018 (16111220)
20.25747 (16111220)
 4215080.6 | 23.79575 (16111220)   23.47085 (16111220)   22.65340 (16111220)   21.93720 (16111220)
20.57954 (16111220)
 4215060.6 | 23.52676 (16111220)   23.29990 (16111220)   22.65288 (16111220)   22.05617 (16111220)
21.29684 (16111220)
 4215040.6 | 23.21058 (16111220)   23.10352 (16111220)   22.83065 (16111220)   22.40216 (16111220)
21.48300 (16111220)
 4215020.6 | 23.54629 (14013006)   22.83903 (16111220)   22.68344 (16111220)   22.35214 (16111220)
21.86991 (16111220)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK1
***
                              INCLUDING SOURCE(S):   L0000341   , L0000342   , L0000343   , L0000344   ,
L0000345   ,
               L0000346   , L0000347   , L0000348   , L0000349   , L0000350   , L0000351   ,

                                    *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                  ** CONC OF PM_10   IN MICROGRAMS/M**3   **

     X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
       539341.84   4215428.70   35.97145 (14110717)   539351.84   4215428.70   35.81676
(14110717)
       539361.84   4215428.70   35.54788 (14110717)   539371.84   4215428.70   35.16246
(14110717)
       539381.84   4215428.70   34.66197 (14110717)   539341.84   4215438.70   36.23656
(14110717)
       539351.84   4215438.70   36.02165 (14110717)   539361.84   4215438.70   35.69967
(14110717)
       539371.84   4215438.70   35.24871 (14110717)   539381.84   4215438.70   34.67051
(14110717)
       539341.84   4215448.70   36.48856 (14110717)   539351.84   4215448.70   36.20929
(14110717)
       539361.84   4215448.70   35.80861 (14110717)   539371.84   4215448.70   35.28011
(14110717)
       539381.84   4215448.70   34.61207 (14110717)   539341.84   4215458.70   36.72642
(14110717)
       539351.84   4215458.70   36.37099 (14110717)   539361.84   4215458.70   35.88665
(14110717)
       539371.84   4215458.70   34.56487 (14110717)   539381.84   4215458.70   33.91718
(14110717)
       539341.84   4215468.70   36.93414 (14110717)   539351.84   4215468.70   36.50452
(14110717)
       539361.84   4215468.70   35.18316 (14110717)   539371.84   4215468.70   34.58114
(14110717)
       539381.84   4215468.70   34.00822 (16111418)   539113.88   4215517.52   43.41214
(14110218)
       539096.52   4215515.99   43.64927 (14110218)   539108.26   4215501.18   42.93722
(14110218)
       539096.01   4215500.67   43.25348 (14110218)   539108.26   4215486.38   42.56338
(14110218)
       539094.47   4215485.36   42.66940 (14110218)   539135.32   4215461.36   41.15606
(14110218)
       539150.13   4215439.91   40.17463 (14110218)   539114.39   4215452.68   41.38315
(14110218)
       539123.07   4215439.40   40.85116 (14110218)   539159.32   4215421.02   39.51393
(13110920)
       539145.02   4215416.43   39.73957 (14110218)   539134.30   4215410.81   39.92245
(14110218)
       539131.75   4215425.11   40.30395 (14110218)   539206.80   4215383.75   37.81111
(16110518)
       539215.99   4215372.52   37.46731 (16110518)   539188.93   4215382.22   37.79655
(13110920)
       539176.17   4215379.67   38.07043 (13110920)   539165.44   4215376.09   38.30408
(14110218)
       539248.79   4215356.71   36.93011 (16110518)   539243.45   4215348.45   36.68354
(16110518)
       539265.58   4215345.25   36.43767 (16110518)   539260.78   4215338.05   36.36163
(16110518)
       539256.25   4215351.38   36.71864 (16110518)   539272.77   4215331.92   36.01917

```
(16110518)
        539264.78   4215324.99       35.96902  (16110518)                539280.77   4215321.79       35.65485
(16110518)
        539279.97   4215307.14       35.36123  (16110518)                539287.97   4215313.80       35.35964
(16110518)
        539297.83   4215304.74       34.98233  (16110518)                539289.56   4215296.21       34.99812
(16110518)
        539311.15   4215287.68       34.41963  (16110518)                539303.69   4215281.28       34.49943
(16110518)
        539303.69   4215296.21       34.71861  (16110518)                539314.25   4215271.79       34.15704
(16110518)
        539329.09   4215260.48       33.58865  (16110518)                539339.69   4215237.16       33.02799
(16110518)
        539357.36   4215232.92       32.50974  (14110717)                539394.11   4215199.70       31.83767
(14110717)
        539044.99   4215579.21       46.77128  (14110218)                539034.39   4215591.93       47.40481
(15012918)
        539054.88   4215556.59       45.88486  (14110218)                539058.42   4215538.92       45.26864
(14110218)
        539054.88   4215520.55       44.54192  (14110218)                539082.44   4215477.44       42.63624
(14110218)
        539073.96   4215466.13       42.42747  (14110218)                539098.70   4215440.69       41.41661
(14110218)
        539109.30   4215426.56       40.85168  (14110218)                539117.07   4215415.96       40.43688
(14110218)
        539125.55   4215401.11       39.91424  (14110218)                539158.77   4215367.19       38.36683
(14110218)
        539150.29   4215357.30       38.41583  (14110218)                539184.21   4215339.63       37.09684
(13110920)
        539222.37   4215324.79       36.01697  (15011018)                539243.58   4215317.72       35.82213
(16110518)
↑ *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                   ***
  15:15:41

  PAGE 675
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                              *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK1
***
                                  INCLUDING SOURCE(S):     L0000341    , L0000342    , L0000343    , L0000344    ,
L0000345    ,
                 L0000346    , L0000347    , L0000348    , L0000349    , L0000350    , L0000351    ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                        ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
        539371.49   4215194.05       31.55222  (16110518)                539364.42   4215191.93       31.70961
(16110518)
        539344.64   4215200.41       32.42638  (16110518)                539409.65   4215113.48       29.87335
(14110717)
        539355.94   4215136.80       31.28456  (16110518)                539262.66   4215288.75       34.94892
(16110518)
        539282.44   4215261.19       34.22656  (16110518)                539299.41   4215235.04       33.65037
(16110518)
        539168.92   4215647.77       44.06042  (16110518)                538947.70   4216163.58      123.53663
(16111117)
        539352.12   4215798.21       38.02244  (16110219)                539367.62   4215566.76       35.73725
(16111220)
        539278.26   4215504.64       38.79389  (14110717)                539297.51   4215494.11       38.50831
(14110717)
        539323.66   4215486.12       37.92469  (14110717)                539342.55   4215482.85       36.27380
(14110717)
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       539367.23   4215481.23       34.89506  (14110717)               539397.77   4215487.94       34.37334
(14013006)
       539352.73   4215556.41       37.09181  (14013006)               539337.83   4215546.05       37.21550
(14110717)
       539322.94   4215535.70       38.20334  (14110717)               539308.05   4215525.35       39.52119
(14110717)
       539293.15   4215514.99       39.34142  (14110717)               539287.89   4215499.38       38.67572
(14110717)
       539310.58   4215490.12       38.29793  (14110717)               539354.89   4215482.04       35.68237
(14110717)
       539382.50   4215484.59       34.44063  (14013006)               539391.74   4215503.70       34.84407
(14013006)
       539385.71   4215519.47       35.10721  (16111220)               539379.68   4215535.23       35.61388
(16111220)
       539373.65   4215551.00       35.22167  (16111220)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 676
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK2
***
                               INCLUDING SOURCE(S):     L0000214    , L0000215    , L0000216    , L0000217    ,
L0000218    ,
               L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    , L0000225    ,
L0000226    ,
               L0000227    , L0000228    , L0000229    , L0000230    , L0000231    , L0000232    , L0000233    ,
L0000234    ,
               L0000235    , L0000236    , L0000237    , L0000238    , L0000239    , L0000240    , L0000241    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       538745.17              538765.17              538785.17              538805.17
538825.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
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 4216000.6 |     26.27064 (14120917)     26.63556 (16011921)     26.06040 (15111818)     26.67710 (14012720)
27.62859 (14012720)
 4215980.6 |     26.28597 (14012720)     26.41916 (14120917)     26.90293 (15111722)     26.46313 (13012521)
27.25695 (13012521)
 4215960.6 |     26.01237 (14012720)     26.32656 (14010718)     26.45718 (15111722)     27.29530 (15111818)
28.20677 (15111818)
 4215940.6 |     25.67747 (14012720)     26.01865 (14010718)     26.33281 (14120917)     26.83106 (13111119)
27.71367 (15111818)
 4215920.6 |     24.93832 (14012720)     25.46556 (13112022)     25.88415 (14120917)     26.64854 (14120917)
27.43360 (14120917)
 4215900.6 |     24.76101 (14012720)     25.03827 (13112022)     25.58442 (16011321)     26.25283 (14120917)
27.02289 (14120917)
 4215880.6 |     24.28871 (14012720)     25.00584 (14012720)     25.13488 (16011321)     25.87099 (14120917)
26.61849 (14120917)
 4215860.6 |     23.79650 (14012720)     24.52731 (14012720)     25.27519 (14012720)     25.49038 (14120917)
26.19935 (14120917)
 4215840.6 |     23.47136 (14012720)     24.00688 (14012720)     24.92080 (14012720)     25.43192 (14012720)
25.71215 (14120917)
 4215820.6 |     23.16733 (14012720)     23.67215 (14012720)     24.29554 (14012720)     25.11750 (14012720)
24.98496 (14120917)
 4215800.6 |     22.88990 (14012720)     23.36659 (14012720)     23.88420 (14012720)     24.57538 (14012720)
25.16272 (14012720)
 4215780.6 |     22.60174 (14012720)     23.07784 (14012720)     23.58096 (14012720)     24.11247 (14012720)
24.86140 (14012720)
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 4215760.6 |     22.32791 (14012720)     22.78703 (14012720)     23.27444 (14012720)     23.79140 (14012720)
24.35081 (14012720)
 4215740.6 |     22.04080 (14012720)     22.50270 (14012720)     22.97830 (14012720)     23.44982 (14012720)
23.98585 (14012720)
 4215720.6 |     21.77964 (14012720)     22.21360 (14012720)     22.67247 (14012720)     23.17843 (14012720)
23.69185 (14012720)
 4215700.6 |     21.83853 (14111220)     22.03662 (14111220)     22.43865 (14012720)     22.88905 (14012720)
23.39761 (14012720)
 4215680.6 |     22.01422 (14111220)     22.22906 (14111220)     22.52064 (15120817)     22.70958 (14012720)
23.19620 (14012720)
 4215660.6 |     22.34809 (15120817)     22.62169 (15120817)     22.93812 (15120817)     22.98946 (15120817)
23.50284 (15120817)
 4215640.6 |     22.90385 (15120817)     23.17865 (15120817)     23.43883 (15120817)     23.48911 (15120817)
24.05719 (15120817)
 4215620.6 |     23.66450 (15120817)     23.78991 (15120817)     23.75789 (15120817)     23.99209 (15120817)
24.64510 (15120817)
 4215600.6 |     23.98503 (15120817)     24.48059 (15120817)     24.56929 (15120817)     24.44421 (15120817)
25.20637 (15120817)
 4215580.6 |     24.06245 (16012421)     24.60016 (16012421)     25.15112 (16012421)     25.27593 (16012421)
26.09566 (15120817)
 4215560.6 |     24.25542 (14012720)     24.71600 (14012720)     25.19656 (14012720)     25.73677 (16012421)
26.69981 (16012421)
 4215540.6 |     26.15992 (14012720)     26.72766 (14012720)     27.31066 (14012720)     27.92025 (14012720)
28.59858 (14012720)
 4215520.6 |     28.36094 (14012720)     29.06545 (14012720)     29.78331 (14012720)     30.53960 (14012720)
31.43187 (14012720)
 4215500.6 |     30.49734 (14012720)     31.29875 (14012720)     32.14719 (14012720)     33.04752 (14012720)
34.16581 (14012720)
 4215480.6 |     31.93317 (14012720)     32.80029 (14012720)     33.72102 (14012720)     34.76983 (14012720)
35.89578 (14012720)
 4215460.6 |     32.27024 (16012422)     33.14565 (16012422)     34.07251 (16012422)     35.13095 (16012422)
36.30604 (14010718)
 4215440.6 |     32.46684 (14010718)     33.41766 (13112022)     34.53015 (13112022)     35.64659 (13112022)
36.82611 (13112022)
 4215420.6 |     33.02641 (13112022)     33.95573 (13112022)     34.85478 (13112022)     35.78341 (13112022)
36.74238 (13112022)
 4215400.6 |     32.47957 (16011321)     33.70580 (16011321)     34.93561 (16011321)     36.20700 (16011321)
37.58871 (16011321)
 4215380.6 |     33.63403 (16011321)     34.60079 (16011321)     35.56146 (16011321)     36.50733 (16011321)
37.50715 (16011321)
 4215360.6 |     33.04751 (16011321)     33.77660 (13111718)     35.25481 (13111718)     36.80844 (13111718)
38.31821 (13111718)
 4215340.6 |     34.05520 (13111718)     35.22479 (13111718)     36.40625 (13111718)     37.46540 (13111718)
38.73497 (13121818)
 4215320.6 |     34.37525 (13121818)     35.37462 (13121818)     36.61279 (13110818)     37.75569 (13110818)
38.83214 (13110818)
 4215300.6 |     34.53352 (13110818)     35.36150 (13110818)     35.98569 (13110818)     36.41707 (13110818)
37.95190 (15112517)
 4215280.6 |     33.26047 (13110818)     34.45741 (15112517)     35.95265 (15112517)     37.31317 (15112517)
38.59667 (15112517)
 4215260.6 |     34.12593 (15112517)     35.18952 (15112517)     36.31746 (16011921)     37.46443 (16011921)
38.39853 (16011921)
 4215240.6 |     34.31735 (16011921)     35.15050 (16011921)     35.71381 (16011921)     36.00463 (16011921)
35.97429 (16011921)
 4215220.6 |     33.43772 (16011921)     33.50044 (16011921)     33.26906 (16011921)     32.92101 (15111722)
35.37361 (15111722)
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 677
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK2
***
                               INCLUDING SOURCE(S):     L0000214    , L0000215    , L0000216    , L0000217    ,
L0000218    ,
               L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    , L0000225    ,
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L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
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 4215200.6 | 30.91048 (16011921)   30.94768 (15111722)   33.13097 (15111722)   35.21622 (15111722)
37.16967 (15111722)
 4215180.6 | 31.16772 (15111722)   33.08328 (15111722)   34.81713 (15111722)   36.27147 (15111722)
37.37736 (15111722)
 4215160.6 | 32.78369 (15111722)   34.15088 (15111722)   35.18321 (15111722)   35.78579 (15111722)
36.57037 (14122917)
 4215140.6 | 33.24561 (15111722)   33.87300 (15111722)   34.36367 (14122917)   35.39419 (16123020)
36.46062 (16123020)
 4215120.6 | 32.38602 (14122917)   33.33905 (14122917)   34.36481 (16123020)   35.33497 (13111119)
36.13611 (13111119)
 4215100.6 | 32.44738 (16123020)   33.24776 (16123020)   34.21624 (13111119)   34.96551 (15110619)
35.50495 (15110619)
 4215080.6 | 32.35868 (13111119)   33.01930 (13111119)   33.77389 (15110619)   33.99866 (15110619)
33.78040 (14122918)
 4215060.6 | 32.03914 (15110619)   32.53974 (15110619)   32.48318 (15110619)   32.97952 (14122918)
34.38139 (14122918)
 4215040.6 | 31.27631 (15110619)   30.97066 (15110619)   32.17377 (14122918)   33.32333 (14122918)
33.94182 (14122918)
 4215020.6 | 29.99338 (14122918)   31.36647 (14122918)   32.30573 (14122918)   32.71989 (14122918)
33.59247 (13121819)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
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 4216000.6 | 28.66261 (14012720)   29.79048 (14012720)   31.09879 (14012720)   32.57207 (14012720)
34.18040 (14012720)
 4215980.6 | 28.17705 (15013018)   29.52622 (15013018)   30.31362 (14012720)   31.68372 (14012720)
33.20758 (14012720)

 4215960.6 | 29.15709 (15111818)   30.12867 (15111818)   30.29897 (14110917)   30.86049 (14012720)
32.29266 (14012720)
 4215940.6 | 28.65229 (15111818)   29.62975 (15111818)   30.60040 (15111818)   30.44638 (14110917)
31.43074 (14012720)
 4215920.6 | 28.27279 (14120917)   29.17046 (14120917)   29.92040 (16013018)   31.40227 (14110917)
30.66388 (14012720)
 4215900.6 | 27.84556 (14120917)   28.72469 (14120917)   29.63747 (14120917)   30.79559 (14110917)
32.36445 (14110917)
 4215880.6 | 27.41486 (14120917)   28.23783 (14120917)   28.89305 (14120917)   30.06527 (14110917)
31.64252 (14110917)
 4215860.6 | 26.93227 (14120917)   27.67807 (14120917)   28.48285 (14110917)   29.57760 (14110917)
30.91152 (14110917)
 4215840.6 | 26.24426 (14120917)   27.06807 (14110917)   28.07190 (14110917)   29.06760 (14110917)
30.13247 (14110917)
 4215820.6 | 25.88180 (14120917)   26.72487 (14110917)   27.63838 (14110917)   28.59863 (14110917)
29.56144 (14110917)
 4215800.6 | 25.49409 (14110917)   26.38459 (14110917)   27.22478 (14110917)   28.09885 (14110917)
28.99363 (14110917)
 4215780.6 | 25.22408 (13112022)   25.93677 (14110917)   26.79428 (14110917)   27.60224 (14110917)
28.45476 (14110917)
 4215760.6 | 25.00645 (14012720)   25.79883 (14012720)   26.30232 (14110917)   27.04448 (14110917)
27.94609 (14110418)
 4215740.6 | 24.57269 (14012720)   25.20928 (14012720)   25.83280 (14012720)   26.62983 (14012720)
27.53683 (14110418)
 4215720.6 | 24.25315 (14012720)   24.84770 (14012720)   25.44734 (14012720)   26.13106 (14012720)
27.05180 (14110418)
 4215700.6 | 23.93532 (14012720)   24.50480 (14012720)   25.09575 (14012720)   25.74233 (14012720)
26.69935 (14110418)
 4215680.6 | 23.71053 (14012720)   24.25504 (14012720)   24.81965 (14012720)   25.46032 (14012720)
26.32751 (14110418)
 4215660.6 | 24.02520 (15120817)   24.55726 (15120817)   25.09305 (14111220)   25.26629 (15120817)
25.97378 (14110418)
 4215640.6 | 24.63225 (15120817)   25.21347 (15120817)   25.75953 (15120817)   26.03242 (15120817)
26.17486 (15120817)
 4215620.6 | 25.57725 (15120817)   26.22760 (15120817)   26.61457 (15120817)   26.94471 (15120817)
26.63825 (15120817)
 4215600.6 | 25.98832 (15120817)   26.78822 (15120817)   27.55565 (15120817)   27.91468 (15120817)
27.67466 (15120817)
 4215580.6 | 27.01169 (15120817)   27.95855 (15120817)   28.36932 (15120817)   28.73692 (15120817)
28.54201 (15120817)
 4215560.6 | 27.71015 (16012421)   28.76904 (16012421)   29.04561 (16012421)   28.98439 (14012720)
29.78142 (16012421)
 4215540.6 | 29.30842 (14012720)   30.05147 (14012720)   30.82271 (14012720)   31.66685 (14012720)
32.71240 (14012720)
 4215520.6 | 32.37863 (14012720)   33.38463 (14012720)   34.42822 (14012720)   35.48534 (14012720)
36.44258 (14012720)
 4215500.6 | 35.31359 (14012720)   36.55004 (14012720)   37.88579 (14012720)   39.27212 (14012720)
40.17232 (14012720)
 4215480.6 | 37.18471 (14012720)   38.58000 (14012720)   40.01118 (14012720)   41.65834 (14012720)
43.46038 (14012720)
 4215460.6 | 37.57727 (14010718)   38.94698 (14010718)   40.51722 (14010718)   42.22449 (14010718)
44.08667 (14010718)
 4215440.6 | 38.15583 (13112022)   39.57612 (13112022)   41.09572 (13112022)   42.92607 (13112022)
44.79625 (13112022)
 4215420.6 | 37.81928 (13112022)   38.84581 (13112022)   40.61474 (16011321)   42.73139 (16011321)
45.01305 (16011321)
 4215400.6 | 38.94343 (16011321)   40.32796 (16011321)   41.83211 (16011321)   43.57150 (16011321)
45.34744 (16011321)
 4215380.6 | 38.39823 (16011321)   39.86387 (13111718)   41.89941 (13111718)   44.16912 (13111718)
46.50436 (13111718)
 4215360.6 | 39.80748 (13111718)   41.24895 (13111718)   42.85109 (13121818)   44.79936 (13121818)
47.01882 (13110818)
 4215340.6 | 40.08036 (13110818)   41.63073 (13110818)   43.05878 (13110818)   44.49270 (13110818)
45.68688 (13110818)
 4215320.6 | 39.74304 (13110818)   40.36155 (13110818)   42.24068 (15112517)   44.45176 (15112517)
46.55470 (15112517)
 4215300.6 | 39.74635 (15112517)   41.38494 (15112517)   43.03957 (16011921)   44.78144 (16011921)
46.14809 (16011921)
 4215280.6 | 40.13217 (16011921)   41.42320 (16011921)   42.35355 (16011921)   42.75113 (16011921)

42.65909 (16011921)
 4215260.6 | 39.05168 (16011921)   39.23074 (16011921)   38.91856 (16011921)   41.05532 (15111722)
44.10385 (15111722)
 4215240.6 | 35.56480 (16011921)   38.04832 (15111722)   40.77548 (15111722)   43.20328 (15111722)
45.10056 (15111722)
 4215220.6 | 37.75910 (15111722)   39.98138 (15111722)   41.75938 (15111722)   42.98687 (15111722)
43.90945 (14122917)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                 *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
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- - - - - - - -

 4215200.6 | 38.78247 (15111722)   39.99387 (15111722)   40.64886 (14122917)   42.10330 (16123020)
43.63573 (13111119)
 4215180.6 | 37.99244 (15111722)   39.05795 (14122917)   40.47491 (16123020)   41.87132 (13111119)
43.06552 (15110619)
 4215160.6 | 37.73083 (16123020)   38.90434 (13111119)   39.97346 (13111119)   41.10325 (15110619)
41.50091 (15110619)
 4215140.6 | 37.54346 (13111119)   38.42997 (15110619)   39.08554 (15110619)   39.05567 (15110619)
40.86594 (14122918)
 4215120.6 | 36.98768 (15110619)   37.25861 (15110619)   37.56366 (14122918)   39.28701 (14122918)
40.28588 (14122918)
 4215100.6 | 35.40133 (15110619)   36.49395 (14122918)   37.83478 (14122918)   38.52675 (14122918)
39.65895 (13121819)
 4215080.6 | 35.43196 (14122918)   36.49990 (14122918)   37.01564 (13121819)   38.09872 (13121819)
39.09614 (13012521)
 4215060.6 | 35.20194 (14122918)   35.82662 (13121819)   36.75720 (13012521)   37.59433 (13012521)
37.53685 (13012521)
 4215040.6 | 34.68633 (13121819)   35.54718 (13012521)   36.21707 (13012521)   36.04217 (13012521)
34.98046 (13012521)
 4215020.6 | 34.39787 (13012521)   34.89124 (13012521)   34.64031 (13012521)   33.53282 (13012521)
34.61393 (15013018)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,

L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	538945.17	538965.17	538985.17	539005.17	539025.17
4216000.6	35.92362 (14012720)	37.84012 (14012720)	39.97855 (14012720)	42.40354 (14012720)	45.39334 (14112117)
4215980.6	34.88777 (14012720)	36.64903 (14012720)	38.62009 (14012720)	40.84144 (14012720)	43.39342 (14012720)
4215960.6	33.91581 (14012720)	35.55504 (14012720)	37.38057 (14012720)	39.42667 (14012720)	41.76324 (14012720)
4215940.6	32.95602 (14012720)	34.48526 (14012720)	36.18113 (14012720)	38.07298 (14012720)	40.19778 (14012720)
4215920.6	31.99207 (14012720)	33.48418 (14012720)	35.06461 (14012720)	36.82025 (14012720)	38.78273 (14012720)
4215900.6	31.18863 (14012720)	32.54542 (14012720)	34.02237 (14012720)	35.65667 (14012720)	37.74862 (16110617)
4215880.6	32.90640 (14110917)	32.25247 (14110917)	33.70788 (16110619)	35.51459 (14110418)	37.76927 (16110617)
4215860.6	32.34770 (14110917)	33.54895 (14110418)	35.35286 (14110418)	37.20252 (16110619)	39.23094 (14112820)
4215840.6	31.58287 (14110917)	32.80171 (14110418)	34.43095 (14110418)	36.14613 (16110619)	38.24080 (14120306)
4215820.6	30.58919 (14110418)	32.03190 (14110418)	33.46393 (16110619)	34.95204 (16110619)	36.79245 (14112820)
4215800.6	30.12154 (14110418)	31.45320 (14110418)	32.79208 (16110619)	34.16306 (16110619)	35.97844 (14112820)
4215780.6	29.69849 (14110418)	30.93213 (14110418)	32.17686 (16110619)	33.49617 (14120306)	35.23011 (14112820)
4215760.6	29.14406 (14110418)	30.36494 (14110418)	31.57892 (16110619)	32.84632 (14120306)	34.51862 (14110821)
4215740.6	28.65269 (14110418)	29.76859 (16110619)	30.95371 (16110619)	32.24512 (14112820)	33.83904 (14110821)
4215720.6	28.17585 (14110418)	29.21959 (16110619)	30.28575 (16110619)	31.68689 (14112820)	33.18433 (14110821)
4215700.6	27.60532 (14110418)	28.69182 (16110619)	29.72605 (14120306)	31.12409 (14112820)	32.57928 (14110821)
4215680.6	27.20052 (16110619)	28.10704 (16110619)	29.23472 (14120306)	30.49793 (14112820)	31.97790 (14110821)
4215660.6	26.78551 (16110619)	27.61554 (16110619)	28.63816 (14120306)	29.99285 (14112820)	31.31575 (14110821)
4215640.6	26.42548 (14012720)	27.16009 (14012722)	28.11760 (16112721)	29.37642 (14112820)	30.72108 (14110821)
4215620.6	27.27212 (15120817)	27.32085 (15120817)	27.97465 (15120817)	28.83414 (14110821)	30.08449 (16110617)
4215600.6	27.82436 (15120817)	28.65635 (15120817)	28.75827 (15120817)	28.99443 (14012720)	29.90038 (14111220)
4215580.6	28.87941 (15120817)	29.18844 (15120817)	29.57661 (14012720)	30.61913 (15120817)	30.99985 (15120817)
4215560.6	30.55664 (14012720)	31.29199 (14012720)	31.92354 (14012720)	32.43752 (14012720)	33.24365 (14012720)
4215540.6	33.68587 (14012720)	34.63481 (14012720)	35.53692 (14012720)	36.26912 (14012720)	36.84854 (14012720)
4215520.6	37.49615 (14012720)	38.72299 (14012720)	39.97166 (14012720)	40.50268 (14012720)	42.20458 (14012720)
4215500.6	41.35774 (14012720)	42.74033 (14012720)	44.22968 (14012720)	45.05318 (14012720)	46.55652 (14012720)
4215480.6	44.30182 (14012720)	45.45817 (14012720)	46.81747 (14012720)	47.55374 (14012720)	

 4215200.6 | 45.08122 (13111119)   46.31957 (15110619)   46.64522 (15110619)   48.21718 (14122918)
49.73451 (14122918)
 4215180.6 | 43.91888 (15110619)   44.00481 (14122918)   46.17712 (14122918)   47.23443 (14122918)
48.65017 (13012521)
 4215160.6 | 42.45246 (14122918)   44.22416 (14122918)   45.06151 (13121819)   46.52422 (13012521)
47.45731 (13012521)
 4215140.6 | 42.22732 (14122918)   43.21260 (13121819)   44.50910 (13012521)   45.23742 (13012521)
44.66309 (13012521)
 4215120.6 | 41.35968 (13121819)   42.59820 (13012521)   43.09590 (13012521)   42.39032 (13012521)
42.94539 (15013018)
 4215100.6 | 40.78416 (13012521)   41.08001 (13012521)   40.30989 (13012521)   40.99217 (15013018)
43.58938 (15013018)
 4215080.6 | 39.21948 (13012521)   38.36086 (13012521)   39.18141 (15013018)   41.68987 (15013018)

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
 -
- - - - - - - -

 4216000.6 | 49.57269 (14112117)   54.43703 (14112117)   60.23699 (14112117)   67.26955 (14112117)
76.93955 (16111117)
 4215980.6 | 46.60578 (16110617)   51.68763 (16110617)   57.02691 (16110617)   62.82073 (16110617)
71.17034 (16111117)
 4215960.6 | 44.79718 (16110617)   49.42681 (16110617)   54.20790 (16110617)   59.33092 (16110617)
66.26342 (16111117)
 4215940.6 | 43.18024 (16110617)   47.39069 (16110617)   51.69968 (16110617)   56.26582 (16110617)
62.03558 (16111117)
 4215920.6 | 41.49603 (16110617)   45.54619 (16110617)   49.41825 (16110617)   53.55073 (16110617)
58.35166 (16111117)
 4215900.6 | 40.08351 (16110617)   43.86652 (16110617)   47.39401 (16110617)   51.12747 (16110617)
55.18684 (16110617)
 4215880.6 | 39.13606 (16110617)   41.94619 (16110617)   45.55838 (16110617)   48.95022 (16110617)
52.60114 (16110617)
 4215860.6 | 39.32687 (16110617)   40.49998 (16110617)   43.77632 (16110617)   46.98231 (16110617)
50.32029 (16110617)
 4215840.6 | 40.70096 (16110617)   39.18706 (16110617)   42.08664 (16110617)   45.12855 (16110617)
48.26191 (16110617)
 4215820.6 | 39.65601 (14110821)   41.91821 (16110617)   40.51927 (16110617)   43.38862 (16110617)
46.32448 (16110617)
 4215800.6 | 38.13754 (16110617)   41.08421 (16110617)   42.48716 (15110419)   41.74168 (16110617)
44.56161 (16110617)
 4215780.6 | 37.23682 (16110617)   39.92199 (16110617)   41.21900 (15110419)   40.80503 (16110222)
42.87904 (16110617)
 4215760.6 | 36.42414 (16110617)   38.52154 (16110617)   40.41153 (14122117)   42.00391 (17010220)
41.43358 (16110617)
 4215740.6 | 35.67073 (16110617)   37.56503 (16110617)   39.53246 (16110617)   41.56209 (15110419)
43.02304 (15112306)
 4215720.6 | 34.90672 (16110617)   36.73247 (16110617)   38.47868 (16110617)   40.38480 (14122117)
42.44029 (15112306)
 4215700.6 | 34.22715 (16110617)   35.90645 (16110617)   37.52841 (16110617)   39.29976 (14122117)
41.79431 (16110222)
 4215680.6 | 33.55634 (16110617)   35.13179 (16110617)   36.65365 (16110617)   38.43257 (14122117)

40.59539 (14122117)
 4215660.6 | 32.83431 (16110617)   34.31055 (16110617)   35.74222 (16110617)   37.44575 (14122117)
39.51507 (16110222)
 4215640.6 | 32.18597 (16110617)   33.57607 (16110617)   34.92738 (16110617)   36.48539 (14122117)
38.52678 (16110222)
 4215620.6 | 31.48498 (16110617)   32.78767 (16110617)   34.05863 (16110617)   35.70750 (14122117)
37.53464 (16110222)
 4215600.6 | 30.91321 (14111220)   32.08496 (16110617)   33.36541 (14111519)   35.04595 (15120719)
37.12965 (15120719)
 4215580.6 | 32.20821 (14111220)   33.61656 (14111220)   34.97910 (14111220)   36.73348 (14111519)
39.39585 (15120719)
 4215560.6 | 34.38718 (15120817)   35.97826 (15120817)   37.59814 (15120817)   39.52433 (14111220)
41.32249 (14111220)
 4215540.6 | 38.10208 (14012720)   39.42301 (14012720)   40.81252 (14012720)   42.25867 (14012720)
44.38883 (15120817)
 4215520.6 | 44.12866 (14012720)   46.22766 (14012720)   48.52185 (14012720)   50.01228 (14012720)
52.71292 (14012720)
 4215500.6 | 49.20744 (14012720)   52.19596 (14012720)   55.59065 (14012720)   59.48968 (14012720)
62.94146 (14012720)
 4215480.6 | 52.39818 (14012720)   55.91285 (14012720)   59.96072 (14012720)   64.68620 (14012720)
69.24572 (14012720)
 4215460.6 | 54.77163 (13112022)   58.51369 (13112022)   62.77673 (13112022)   67.64502 (13112022)
70.84245 (13112022)
 4215440.6 | 56.30878 (16011321)   60.37420 (16011321)   64.88805 (16011321)   69.82885 (16011321)
73.17954 (13111718)
 4215420.6 | 57.35483 (13111718)   61.95696 (13111718)   66.91738 (13111718)   72.07799 (13111718)
75.93576 (13110818)
 4215400.6 | 59.84268 (13121818)   64.07108 (13110818)   68.41639 (13110818)   70.78268 (13110818)
76.48186 (14012217)
 4215380.6 | 61.63457 (13110818)   65.84326 (15112517)   70.56882 (15112517)   73.86308 (16011921)
74.28913 (16011921)
 4215360.6 | 62.07720 (16011921)   65.43102 (16011921)   67.80071 (16011921)   68.73372 (15111722)
74.19977 (15111722)
 4215340.6 | 58.97916 (16011921)   60.29792 (15111722)   66.16236 (15111722)   70.97046 (15111722)
73.84713 (15111722)
 4215320.6 | 58.38770 (15111722)   62.56049 (15111722)   65.43420 (15111722)   68.08636 (16123020)
71.46295 (13111119)
 4215300.6 | 58.53818 (15111722)   60.52551 (14122917)   63.51088 (13111119)   66.05754 (15110619)
67.57613 (15110619)
 4215280.6 | 56.98778 (16123020)   59.41507 (13111119)   61.30393 (15110619)   62.24317 (14122918)
65.09156 (14122918)
 4215260.6 | 55.79004 (15110619)   56.92622 (15110619)   58.57090 (14122918)   60.46958 (14122918)
62.76275 (13012521)
 4215240.6 | 52.90237 (15110619)   55.28158 (14122918)   56.77799 (13121819)   58.84137 (13012521)
59.54766 (13012521)
 4215220.6 | 52.40860 (14122918)   53.75121 (13121819)   55.51028 (13012521)   55.78369 (13012521)
55.80564 (15013018)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                               INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                   *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                        ** CONC OF PM_10   IN MICROGRAMS/M**3   **

```
  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       539045.17              539065.17              539085.17              539105.17
539125.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |     51.06869 (13121819)     52.58895 (13012521)     52.51152 (13012521)     52.61649 (15013018)
55.67043 (15013018)
 4215180.6 |     49.93723 (13012521)     49.64282 (13012521)     49.80264 (15013018)     52.74943 (15013018)
54.18578 (15013018)
 4215160.6 |     47.04038 (13012521)     47.30133 (15013018)     50.10509 (15013018)     51.58301 (15013018)
51.45350 (14110917)
 4215140.6 |     45.02577 (15013018)     47.74641 (15013018)     49.20767 (15013018)     49.17407 (15013018)
51.10281 (14110917)
 4215120.6 |     45.58346 (15013018)     47.08038 (15013018)     47.20439 (15013018)     48.64791 (14110917)
49.94675 (14110917)
 4215100.6 |     45.11162 (15013018)     45.32354 (15013018)     46.28927 (14110917)     47.88447 (14110917)
47.92832 (14110917)
 4215080.6 |     43.61599 (15013018)     44.05996 (14110917)     45.85890 (14110917)     46.34635 (14110917)
45.22566 (14110917)
 4215060.6 |     41.93495 (14110917)     43.91155 (14110917)     44.69709 (14110917)     44.05108 (14110917)
44.33236 (13121808)
 4215040.6 |     41.97795 (14110917)     43.02186 (14110917)     42.77548 (14110917)     42.48068 (13121808)
43.32745 (13121808)
 4215020.6 |     41.37011 (14110917)     41.46426 (14110917)     40.51246 (13121808)     41.79918 (13121808)
42.36909 (13111121)
1 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 684
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  TK2
***
                                INCLUDING SOURCE(S):     L0000214    , L0000215    , L0000216    , L0000217    ,
L0000218    ,
                L0000219    , L0000220    , L0000221    , L0000222    , L0000223    , L0000224    , L0000225    ,
L0000226    ,
                L0000227    , L0000228    , L0000229    , L0000230    , L0000231    , L0000232    , L0000233    ,
L0000234    ,
                L0000235    , L0000236    , L0000237    , L0000238    , L0000239    , L0000240    , L0000241    ,
. . .       ,

                               *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                                X-COORD (METERS)
  (METERS) |       539145.17              539165.17              539185.17              539205.17
539225.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |     90.55820 (14110908)    111.73718 (14110908)    144.37485 (15012918)    205.22955 (14121816)
247.59140 (14121816)
 4215980.6 |     82.42965 (13112018)     98.96458 (14110908)    122.74889 (15012918)    164.91241 (14110218)
239.26523 (14121816)
 4215960.6 |     75.72093 (13112018)     88.77777 (14110908)    107.17238 (14110908)    135.06862 (15012918)
182.41150 (14110218)
 4215940.6 |     70.15656 (16111117)     80.42709 (14110908)     95.89147 (14110908)    116.65727 (15012918)
151.11157 (14110218)
 4215920.6 |     65.59038 (16111117)     74.23607 (13112018)     86.76988 (14110908)    102.79347 (14110908)
126.88941 (15012918)
 4215900.6 |     61.62968 (16111117)     69.04450 (13112018)     79.20769 (14110908)     92.77499 (14110908)
110.98202 (15012918)
 4215880.6 |     58.19866 (16111117)     64.61494 (13112018)     72.86079 (14110908)     84.57762 (14110908)
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98.76840 (15012918)
 4215860.6 | 55.16088 (16111117)   60.95103 (16111117)   67.87740 (13112018)   77.76821 (14110908)
89.61741 (14110908)
 4215840.6 | 52.45141 (16111117)   57.75473 (16111117)   63.80108 (13112018)   71.95558 (14110908)
82.24456 (14110908)
 4215820.6 | 50.01945 (16111117)   54.91053 (16111117)   60.18979 (13112018)   66.92133 (14110908)
76.02083 (14110908)
 4215800.6 | 47.84972 (16111117)   52.33594 (16111117)   57.04496 (16111117)   62.68160 (13112018)
70.72184 (14110908)
 4215780.6 | 45.66637 (16111117)   49.99537 (16111117)   54.31126 (16111117)   59.30223 (13112018)
66.07282 (14110908)
 4215760.6 | 43.95677 (16111117)   47.76844 (16111117)   51.73011 (16111117)   56.17019 (13112018)
61.85784 (14110908)
 4215740.6 | 42.38107 (16110617)   45.76891 (16111117)   49.41897 (16111117)   53.38455 (13112018)
58.24298 (14110908)
 4215720.6 | 43.94286 (13111822)   44.03253 (16111117)   47.35708 (16111117)   50.92710 (13112018)
55.21935 (14110908)
 4215700.6 | 43.33216 (17012706)   45.37426 (13112018)   46.13563 (13112018)   49.34998 (13112018)
52.74429 (13112018)
 4215680.6 | 42.49452 (17012706)   44.65840 (13112018)   46.38388 (13112018)   48.76058 (13112018)
51.09678 (14110908)
 4215660.6 | 41.78423 (16110222)   43.69006 (13111822)   45.83739 (13112018)   47.13502 (13112018)
48.93409 (13112018)
 4215640.6 | 40.63846 (16110222)   43.29576 (16111117)   45.21094 (13112018)   46.55369 (13112018)
48.83399 (14110908)
 4215620.6 | 39.60205 (16110222)   42.05576 (16111117)   44.88435 (16111117)   45.20886 (13112018)
46.96439 (14110908)
 4215600.6 | 39.11454 (15120806)   41.10941 (16111117)   43.76122 (16111117)   46.58498 (13112018)
48.45682 (16011218)
 4215580.6 | 42.02412 (15120719)   44.25491 (15120806)   46.97085 (15120806)   50.30742 (14112117)
53.12727 (14112117)
 4215560.6 | 44.59445 (14111519)   48.30028 (15120719)   51.90942 (15120719)   55.53434 (15120806)
59.56806 (14112117)
 4215540.6 | 47.72099 (14111220)   52.25059 (14111220)   56.96462 (15110719)   62.67884 (15120719)
68.36432 (15120719)
 4215520.6 | 54.58613 (14012720)   56.62634 (14012720)   63.09127 (15120817)   70.32880 (14111220)
79.30532 (14111220)
 4215500.6 | 68.31509 (14012720)   73.82354 (14012720)   81.23243 (14012720)   91.69409 (14012720)
104.18197 (14012720)
 4215480.6 | 75.23631 (14012720)   83.55602 (14012720)   93.60078 (14012720)   107.63210 (14012720)
125.77727 (14012720)
 4215460.6 | 77.60905 (16011321)   85.43622 (16011321)   96.45414 (16011321)   108.81658 (16011321)
125.17498 (16011321)
 4215440.6 | 79.86420 (13111718)   88.57580 (13111718)   97.54745 (13110818)   108.09229 (13110818)
122.78759 (14012217)
 4215420.6 | 81.02022 (13110818)   87.99117 (14012217)   95.23861 (14012217)   103.03204 (16011921)
108.59706 (15111722)
 4215400.6 | 80.16493 (16011921)   84.54246 (16011921)   87.54489 (15111722)   96.23234 (15111722)
102.89386 (15111722)
 4215380.6 | 75.08131 (16011921)   81.42550 (15111722)   86.63918 (15111722)   90.65751 (13111119)
94.86179 (15110619)
 4215360.6 | 76.67539 (15111722)   79.11039 (14122917)   82.71292 (13111119)   84.16727 (15110619)
87.27585 (14122918)
 4215340.6 | 75.06608 (16123020)   77.41817 (13111119)   78.42731 (15110619)   79.01198 (14122918)
81.50875 (13012521)
 4215320.6 | 73.74604 (15110619)   73.88419 (14122918)   75.64260 (14122918)   75.67852 (13012521)
74.12387 (15013018)
 4215300.6 | 70.02975 (14122918)   72.25662 (13121819)   72.36854 (13012521)   71.03226 (13012521)
71.75918 (15013018)
 4215280.6 | 67.27031 (13012521)   68.95765 (13012521)   67.82278 (13012521)   68.03200 (15013018)
67.75750 (14110917)
 4215260.6 | 63.99908 (13012521)   63.57835 (15013018)   67.07699 (15013018)   66.89187 (15013018)
65.65812 (14110917)
 4215240.6 | 59.43713 (15013018)   62.90405 (15013018)   64.05567 (15013018)   63.89169 (14110917)
63.55267 (14110917)
 4215220.6 | 59.05493 (15013018)   60.47547 (15013018)   61.64203 (14110917)   62.18196 (14110917)
59.83270 (14110917)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                              INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
               L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
               L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
               L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4215200.6 | 57.12909 (15013018)   57.96135 (14110917)   59.85339 (14110917)   59.87382 (14110917)
56.65761 (13121808)
 4215180.6 | 54.57730 (14110917)   56.76744 (14110917)   57.06902 (14110917)   56.15615 (13121808)
55.92540 (13121808)
 4215160.6 | 53.79159 (14110917)   54.53605 (14110917)   53.27749 (14110917)   54.30209 (13121808)
54.58892 (13111121)
 4215140.6 | 52.13382 (14110917)   51.39541 (14110917)   51.72102 (13121808)   52.95365 (13111121)
53.88469 (14110418)
 4215120.6 | 49.61845 (14110917)   49.32906 (13121808)   50.30210 (13111121)   51.38329 (13111121)
52.54408 (14110418)
 4215100.6 | 47.07817 (13121808)   47.94077 (13121808)   49.16361 (13111121)   50.00869 (14110418)
50.81380 (14110418)
 4215080.6 | 46.13766 (13121808)   46.94204 (13111121)   47.70583 (13111121)   48.82720 (14110418)
49.08780 (16110619)
 4215060.6 | 44.82395 (15112508)   45.86799 (13111121)   46.62208 (14110418)   47.37795 (14110418)
47.54214 (14012722)
 4215040.6 | 44.20990 (13111121)   44.56769 (13111121)   45.66083 (14110418)   45.89432 (16110619)
46.47331 (14012722)
 4215020.6 | 43.25760 (13111121)   43.87995 (14110418)   44.50913 (14110418)   44.60069 (14012722)
45.31316 (14012722)

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                              INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
               L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
               L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
               L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                               *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539245.17	539265.17	539285.17	539305.17	539325.17
4216000.6	225.84182 (15120816)	206.73943 (15120816)	157.21743 (16120820)	128.47451 (16011217)	108.48714 (16011217)
4215980.6	233.10235 (14121816)	224.30390 (15120816)	191.47492 (16010522)	146.43008 (16011217)	121.06973 (16011217)
4215960.6	265.30433 (14121816)	205.58822 (16122222)	211.68578 (15120816)	172.06649 (16120820)	137.04537 (16011217)
4215940.6	183.41251 (14121816)	274.28182 (14121816)	201.13899 (16122222)	193.12080 (15120816)	158.40671 (16011217)
4215920.6	168.98762 (14110218)	207.24522 (14121816)	262.85873 (14121816)	187.97457 (16122222)	188.09599 (16010522)
4215900.6	140.00826 (14110218)	177.32386 (16110518)	222.36837 (14121816)	231.58725 (14121816)	229.53087 (15120816)
4215880.6	119.42439 (15012918)	154.01194 (14110218)	198.89926 (16110518)	223.85588 (14121816)	208.04232 (15120816)
4215860.6	105.79412 (15012918)	130.39789 (14110218)	169.86479 (14110218)	226.12193 (14110717)	230.58294 (14013006)
4215840.6	94.98926 (15012918)	113.01517 (15012918)	142.85908 (14110218)	193.89830 (16110518)	236.34909 (14121816)
4215820.6	86.44044 (14110908)	101.19147 (15012918)	122.70366 (14110218)	156.73987 (14110218)	195.17661 (14110717)
4215800.6	79.81106 (14110908)	91.61048 (15012918)	107.55817 (15012918)	133.30241 (14110218)	175.22160 (16110518)
4215780.6	74.17574 (14110908)	83.69216 (15012918)	97.00599 (15012918)	116.02638 (14110218)	144.74555 (14110218)
4215760.6	69.20309 (14110908)	77.60742 (14110908)	88.47737 (15012918)	102.67592 (14110218)	125.01291 (14110218)
4215740.6	64.87582 (14110908)	72.34440 (14110908)	81.36974 (15012918)	93.34661 (15012918)	110.17424 (14110218)
4215720.6	61.16591 (14110908)	67.81626 (14110908)	75.55243 (14110908)	85.73146 (15012918)	98.48387 (14110218)
4215700.6	57.91289 (14110908)	64.00104 (14110908)	70.83173 (14110908)	79.35593 (15012918)	90.07011 (15012918)
4215680.6	55.09125 (14110908)	60.61860 (14110908)	66.77304 (14110908)	73.86481 (15012918)	83.31344 (15012918)
4215660.6	52.57724 (14110908)	57.69876 (14110908)	63.34257 (14110908)	69.52786 (14110908)	77.58313 (15012918)
4215640.6	50.50530 (13112018)	55.16819 (14110908)	60.28390 (14110908)	65.91482 (14110908)	72.78259 (15012918)
4215620.6	48.84773 (13112018)	52.93836 (14110908)	57.76002 (14110908)	62.94979 (14110908)	68.87733 (15012918)
4215600.6	53.30133 (16011218)	55.09827 (15011617)	56.58872 (14110908)	61.32943 (15012918)	66.04693 (15012918)
4215580.6	60.89200 (14121816)	62.77723 (14121816)	62.74170 (15011617)	61.96318 (13112006)	64.62069 (15012918)
4215560.6	63.76367 (14112117)	78.20867 (14121816)	75.03411 (14121816)	71.16299 (15011617)	69.92745 (16011217)
4215540.6	74.05530 (15120806)	88.03317 (14121816)	99.51186 (14121816)	90.90943 (14121816)	83.25335 (14121816)
4215520.6	90.40143 (14111519)	101.85078 (15120806)	120.54051 (14121816)	121.57084 (14121816)	109.63378 (14121816)
4215500.6	120.34581 (14012720)	141.65415 (14012720)	116.56431 (14012720)	135.17745 (14012720)	122.97293 (14012720)
4215480.6	150.04080 (14012720)	184.36883 (14010718)	157.62447 (14010718)	133.40922 (13112022)	166.73142 (16011321)
4215460.6	147.50499 (13111718)	173.21241 (13110818)	198.34919 (13110818)	200.70569 (14012217)	185.38016 (14012217)
4215440.6	135.84202 (14012217)	146.99626 (16011921)	158.46642 (15111722)	171.09834 (15111722)	179.53480 (13111119)
4215420.6	118.21118 (15111722)	126.83929 (15111722)	134.53049 (13111119)	139.58843 (15110619)	144.35873 (13012521)
4215400.6	108.77699 (13111119)	110.85463 (15110619)	114.89503 (14122918)	119.45899 (13012521)	121.23674 (15013018)

 4215380.6 | 97.95442 (14122918)   101.80352 (13012521)   101.01674 (13012521)   104.38203 (15013018)
108.30204 (14110917)
 4215360.6 | 90.31532 (13012521)   91.43199 (13012521)   94.69131 (15013018)   95.42814 (14110917)
97.17389 (14110917)
 4215340.6 | 82.10691 (13012521)   85.16178 (15013018)   88.30631 (14110917)   90.05515 (14110917)
85.02025 (14110917)
 4215320.6 | 77.73135 (15013018)   80.18360 (14110917)   82.28700 (14110917)   80.72665 (14110917)
81.79851 (14110418)
 4215300.6 | 73.49686 (14110917)   75.70977 (14110917)   75.26804 (14110917)   75.30588 (13111121)
77.04882 (14110418)
 4215280.6 | 70.29949 (14110917)   70.13382 (14110917)   69.71465 (13111121)   71.39827 (14110418)
71.98952 (14110418)
 4215260.6 | 66.10856 (14110917)   64.61320 (13111121)   66.39077 (14110418)   67.68339 (14110418)
67.81500 (14012722)
 4215240.6 | 61.02603 (14110917)   62.12360 (13111121)   63.59992 (14110418)   64.19073 (14110418)
64.85834 (16110617)
 4215220.6 | 58.13735 (13111121)   59.57957 (14110418)   60.79161 (14110418)   60.97448 (14012722)
62.54105 (16110617)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                               INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4215200.6 | 56.43820 (13111121)   57.77172 (14110418)   58.55687 (14110418)   58.90166 (14012722)
60.27417 (16110617)
 4215180.6 | 55.15190 (13111121)   56.52997 (14110418)   56.89299 (16110619)   57.50327 (14012722)
58.63661 (14112820)
 4215160.6 | 54.42824 (14110418)   55.59843 (14110418)   55.91644 (14012722)   56.79075 (16112721)
57.99556 (14110821)
 4215140.6 | 54.13821 (14110418)   54.28082 (16110619)   55.02621 (14012722)   56.01565 (14112820)
56.34701 (16110617)
 4215120.6 | 52.82179 (16110619)   53.23766 (14012722)   53.34169 (16112721)   54.37594 (14112820)
54.84405 (16110617)
 4215100.6 | 50.94006 (14012722)   51.66333 (16112721)   52.31062 (14112820)   52.73220 (14110821)
54.33769 (16110617)
 4215080.6 | 49.60880 (14012722)   50.10803 (16112721)   51.11750 (14112820)   51.34509 (16110617)
52.75024 (16110617)
 4215060.6 | 48.22401 (16112721)   48.86879 (14112820)   49.81104 (14110821)   50.19042 (16110617)
51.15778 (16110617)
 4215040.6 | 47.09898 (16112721)   47.83817 (14112820)   48.62839 (16110617)   49.81979 (16110617)
49.68795 (16110617)
 4215020.6 | 45.92153 (16112721)   46.75610 (14112820)   47.69318 (16110617)   48.50108 (16110617)
48.39229 (16110617)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                              INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
              L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
              L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
              L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                           *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
 -
- - - - - - - -

 4216000.6 | 94.30057 (13110518)   85.29419 (13110518)   77.28834 (13110518)   69.58460 (16011017)
64.84201 (16110718)
 4215980.6 | 102.89342 (14122021)   91.62384 (13110518)   82.59041 (13110518)   74.13683 (13110518)
68.29565 (16110718)
 4215960.6 | 113.86389 (16011217)   99.04580 (13110518)   88.65032 (13110518)   79.27576 (13110518)
72.11092 (16110718)
 4215940.6 | 128.29167 (16011217)   107.93111 (13110518)   95.68876 (13110518)   85.15267 (13110518)
76.43480 (16110718)
 4215920.6 | 147.01989 (16011217)   120.08973 (14122021)   104.01510 (13110518)   91.89484 (13110518)
81.30847 (16110718)
 4215900.6 | 171.67500 (16011217)   136.57170 (16011217)   114.08813 (13110518)   99.80356 (13110518)
87.39452 (13110518)
 4215880.6 | 203.16094 (15120816)   158.97430 (16011217)   127.03972 (14122021)   109.23386 (13110518)
94.97157 (13110518)
 4215860.6 | 210.13317 (15120816)   174.52859 (15120816)   146.17864 (16011217)   120.75582 (13110518)
103.91574 (13110518)
 4215840.6 | 235.48105 (16122222)   200.36926 (15120816)   172.79051 (16011217)   135.27222 (13110518)
114.70422 (13110518)
 4215820.6 | 244.34495 (14121816)   230.18201 (16122222)   180.91273 (15120816)   157.29085 (16011217)
128.07027 (13110518)
 4215800.6 | 212.11420 (14110717)   233.31426 (14121816)   235.42986 (15120816)   185.80642 (16011217)
145.10009 (13110518)
 4215780.6 | 199.66370 (16110518)   231.31915 (14110717)   216.74129 (16122222)   216.87495 (15120816)
171.01751 (16011217)
 4215760.6 | 157.67839 (15011018)   210.43115 (14110717)   244.64966 (14110717)   213.55689 (16122222)
188.77643 (16111321)
 4215740.6 | 134.66028 (14110218)   176.70066 (16110518)   201.67423 (14110717)   255.63821 (14013006)
202.44796 (16122222)
 4215720.6 | 117.98404 (14110218)   145.41499 (14110218)   199.13559 (16110518)   216.14150 (14110717)
197.73203 (16122222)
 4215700.6 | 105.14960 (14110218)   126.47821 (14110218)   160.53190 (16110518)   206.39392 (14110717)
225.66659 (14110717)
 4215680.6 | 94.95891 (14110218)   112.29344 (14110218)   135.97962 (14110218)   178.36836 (16110518)
230.94687 (14110717)
 4215660.6 | 87.44984 (15012918)   101.21597 (14110218)   120.08197 (14110218)   147.82406 (16110518)
199.36882 (16110518)
 4215640.6 | 81.47366 (15012918)   92.38822 (14110218)   107.98289 (14110218)   128.69189 (14110218)
163.70578 (16110518)
 4215620.6 | 76.61260 (15012918)   85.80217 (15012918)   98.54206 (14110218)   115.25841 (14110218)
138.40317 (15011018)
 4215600.6 | 72.70223 (15012918)   80.87169 (15012918)   91.06728 (14110218)   105.11260 (14110218)
123.33656 (14110218)

 4215580.6 | 69.78285 (15012918)   77.13133 (15012918)   85.62662 (15012918)   97.49756 (14110218)
112.63446 (14110218)
 4215560.6 | 69.93869 (13110518)   74.62219 (15012918)   82.36122 (15012918)   92.19654 (14110218)
105.37220 (14110218)
 4215540.6 | 81.00611 (15120918)   84.66292 (14012720)   93.53778 (14012720)   104.75621 (14012720)
119.57853 (14012720)
 4215520.6 | 102.72690 (14121816)   109.44436 (14012720)   123.02411 (14012720)   140.32438 (14012720)
134.07323 (13111718)
 4215500.6 | 121.59789 (14012720)   148.12302 (14012720)   155.08779 (16011321)   148.70416 (13110818)
135.16972 (15111722)
 4215480.6 | 149.72595 (13111718)   140.07353 (14012217)   173.86830 (16011921)   153.26707 (13111119)
137.96334 (13111808)
 4215460.6 | 156.53951 (16011921)   200.07420 (14122917)   165.06603 (15110619)   191.09056 (15013018)
162.46958 (14110917)
 4215440.6 | 182.00786 (14122918)   182.54099 (13012521)   176.36199 (14110917)   166.20351 (14110917)
153.07530 (14110418)
 4215420.6 | 144.23638 (15013018)   146.74260 (14110917)   142.91307 (14110917)   135.45776 (14110418)
130.55468 (16110617)
 4215400.6 | 124.86304 (14110917)   124.36387 (14110917)   119.73519 (14110418)   116.72090 (15012918)
117.12390 (14110218)
 4215380.6 | 109.27523 (14110917)   105.92906 (13111121)   106.04931 (15012918)   106.72292 (15012918)
107.61486 (14110218)
 4215360.6 | 94.45287 (13111121)   95.82038 (14110418)   97.49605 (15012918)   99.33672 (15012918)
99.77299 (15012109)
 4215340.6 | 86.82146 (14110418)   87.95870 (14110908)   90.14534 (15012918)   92.59504 (15012918)
93.87908 (15012918)
 4215320.6 | 79.85755 (14110418)   83.29620 (14110908)   84.81077 (14110908)   86.82460 (15012918)
88.43500 (15012918)
 4215300.6 | 77.09031 (16110617)   77.89962 (14110908)   81.27151 (14110908)   82.55884 (15012918)
84.80024 (15012918)
 4215280.6 | 73.26013 (16110617)   74.84941 (16111117)   77.57564 (14110908)   80.21241 (14110908)
82.27842 (15012918)
 4215260.6 | 69.98572 (16110617)   71.80110 (16110617)   73.48810 (14110908)   76.71927 (14110908)
78.77765 (14110908)
 4215240.6 | 67.14402 (16110617)   68.51854 (16110617)   69.93024 (16111117)   72.66717 (14110908)
75.33858 (14110908)
 4215220.6 | 64.51359 (16110617)   65.25498 (16110617)   67.07542 (16111117)   69.35408 (14110908)
71.83003 (14110908)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                               INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
 -
- - - - - - - -

 4215200.6 | 61.91937 (16110617)   62.37252 (16110617)   64.29763 (16111117)   66.42409 (14110908)
69.00510 (14110908)

 4215180.6 | 59.88908 (16110617)   59.87322 (16111117)   61.90856 (16111117)   63.65214 (14110908)
66.37255 (14110908)
 4215160.6 | 58.65125 (16110617)   57.77688 (16111117)   59.55696 (16111117)   61.11241 (14110908)
63.83434 (14110908)
 4215140.6 | 56.75355 (16110617)   55.72798 (16110617)   57.53620 (16111117)   58.85314 (13112018)
61.54959 (14110908)
 4215120.6 | 55.95283 (16110617)   54.42980 (16110617)   55.71381 (16111117)   57.01358 (13112018)
59.39642 (14110908)
 4215100.6 | 54.05575 (16110617)   52.69157 (15110419)   54.35485 (16111117)   55.21338 (13112018)
57.23904 (14110908)
 4215080.6 | 52.11001 (16110617)   52.27321 (15110419)   53.46642 (16111117)   53.88326 (16111117)
55.18820 (14110908)
 4215060.6 | 50.72920 (16110617)   51.77805 (15110419)   52.79501 (16111117)   53.09930 (16111117)
53.96221 (13112018)
 4215040.6 | 49.10970 (15110419)   50.39232 (15110419)   51.28206 (16111117)   51.55002 (16111117)
52.50289 (13112018)
 4215020.6 | 48.66298 (15110419)   49.06010 (15110419)   49.84776 (16111117)   50.11809 (13112018)
51.91383 (13112018)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                               INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4216000.6 | 60.58165 (16010617)   56.82967 (14120907)   53.74924 (13121517)   51.41715 (16110719)
49.15658 (16110719)
 4215980.6 | 63.61396 (16110718)   59.44968 (14120907)   56.07222 (13121517)   53.57256 (16110719)
51.00060 (16110719)
 4215960.6 | 66.94887 (16110718)   62.32399 (14120907)   58.67461 (13121517)   55.89936 (16110719)
53.01334 (16110719)
 4215940.6 | 70.70006 (16110718)   65.53374 (14120907)   61.47842 (13121517)   58.42197 (16110719)
55.18011 (16110719)
 4215920.6 | 74.90727 (16110718)   69.05323 (14120907)   64.55946 (13121517)   61.17116 (16110719)
57.56364 (16110719)
 4215900.6 | 79.64720 (16110718)   72.98849 (14120907)   67.96389 (13121517)   64.18440 (16110719)
60.11303 (16110719)
 4215880.6 | 85.00586 (16110718)   77.34350 (14120907)   71.70811 (13121517)   67.50691 (16110719)
63.14682 (15111318)
 4215860.6 | 91.22160 (16110718)   82.32522 (14120907)   75.91154 (13121517)   71.14693 (16110719)
66.50634 (15111318)
 4215840.6 | 98.50424 (16110718)   88.26048 (16110718)   80.67440 (13121517)   75.27961 (16110719)
70.21043 (15111318)
 4215820.6 | 107.77573 (13110518)   95.24584 (16110718)   86.06145 (13121517)   79.89524 (16110719)
74.48356 (15111317)
 4215800.6 | 120.28555 (13110518)   103.53644 (16110718)   92.35535 (13121517)   85.15600 (16110719)
79.32560 (15111317)

 4215780.6 | 135.99686 (13110518)   113.64248 (16110718)   99.78128 (16011706)   91.26872 (16110719)
84.75668 (15111317)
 4215760.6 | 156.44234 (13110518)   126.05677 (16110718)   108.88282 (14120907)   98.37130 (16110719)
90.90214 (15111317)
 4215740.6 | 173.26532 (16111321)   144.22375 (13110518)   119.99768 (14120907)   106.80460 (16110719)
97.99808 (15111317)
 4215720.6 | 186.67263 (13112817)   168.34014 (13110518)   134.37762 (16110718)   117.00414 (16110719)
106.30908 (15111317)
 4215700.6 | 210.99380 (15120816)   184.69139 (13112817)   153.35699 (16110718)   129.54570 (16110719)
116.19635 (15111317)
 4215680.6 | 234.29778 (14013006)   198.61805 (15120816)   171.58853 (16111321)   145.42849 (16110719)
128.17050 (15111317)
 4215660.6 | 253.58889 (14110717)   239.09432 (16122222)   178.98301 (16122222)   169.43569 (16111321)
143.26754 (15112117)
 4215640.6 | 220.26419 (14110717)   211.00864 (14110717)   236.15247 (16122222)   203.31082 (13112817)
162.19467 (15112117)
 4215620.6 | 182.34983 (16110518)   216.18426 (14110717)   218.96432 (14013006)   224.01144 (16122222)
183.82188 (16111321)
 4215600.6 | 152.02908 (16110518)   204.84525 (16110518)   233.45080 (14110717)   223.17501 (16122222)
203.95788 (16122222)
 4215580.6 | 132.88768 (14110218)   168.74288 (16110518)   218.97524 (14110717)   246.78403 (14110717)
214.59708 (16122222)
 4215560.6 | 122.28382 (14110218)   147.56595 (16110518)   184.70251 (16110518)   235.35159 (14110717)
253.63006 (14013006)
 4215540.6 | 138.29196 (14012720)   138.58987 (13111718)   151.12371 (16110518)   196.04328 (14110717)
211.48778 (14110717)
 4215520.6 | 124.51298 (15010317)   141.90794 (15111818)   144.23207 (13122417)   184.97745 (16110518)
241.28895 (14110717)
 4215500.6 | 167.09956 (14122918)   132.68010 (14110917)   159.45940 (14012722)   222.77844 (16110518)
240.46595 (14110717)
 4215480.6 | 149.52476 (14110917)   164.73500 (14110418)   186.66679 (14110218)   191.01970 (16110518)
203.91210 (16110518)
 4215460.6 | 170.65107 (14110418)   163.64748 (14110218)   164.32005 (14110218)   167.88342 (14110218)
177.58907 (16110518)
 4215440.6 | 145.30574 (16110617)   144.76296 (14110218)   146.85198 (14110218)   150.31330 (14110218)
157.11491 (16110518)
 4215420.6 | 128.67261 (14110218)   130.08972 (14110218)   132.85178 (14110218)   136.33828 (14110218)
140.67456 (16110518)
 4215400.6 | 116.62958 (15012918)   118.84811 (14110218)   121.54228 (14110218)   124.95993 (14110218)
127.77713 (15011018)
 4215380.6 | 108.92400 (14110218)   110.16255 (14110218)   112.28337 (14110218)   115.51457 (14110218)
118.16380 (14110218)
 4215360.6 | 101.57272 (14110218)   103.79831 (14110218)   105.01090 (14110218)   107.42431 (14110218)
110.06720 (14110218)
 4215340.6 | 95.39299 (15012109)   97.81829 (14110218)   99.03122 (14110218)   100.61225 (14110218)
103.08373 (14110218)
 4215320.6 | 89.98747 (15012109)   92.10766 (14110218)   93.81100 (14110218)   95.71751 (14110218)
97.02566 (14110218)
 4215300.6 | 86.15686 (15012109)   87.99106 (14110218)   89.33990 (14110218)   91.01696 (14110218)
92.08018 (14110218)
 4215280.6 | 84.40039 (15012918)   85.24778 (15012109)   85.97473 (14110218)   86.98621 (14110218)
88.24166 (14110218)
 4215260.6 | 81.03428 (15012918)   82.96202 (15012918)   83.25220 (14110218)   83.45860 (14110218)
84.56239 (14110218)
 4215240.6 | 77.22028 (14110908)   79.62641 (15012918)   80.00639 (15012109)   81.32049 (14110218)
80.86758 (14110218)
 4215220.6 | 73.90240 (14110908)   76.28247 (15012918)   76.75351 (15012109)   78.20332 (14110218)
78.55203 (14110218)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,

L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4215200.6 | 71.10036 (14110908)   73.16071 (15012918)   74.54137 (15012918)   75.09827 (15012109)
76.97642 (14110218)
 4215180.6 | 68.28227 (14110908)   70.22127 (15012918)   71.79636 (15012918)   73.10118 (15012109)
74.40442 (14110218)
 4215160.6 | 65.85813 (14110908)   67.62141 (14110908)   69.65597 (15012918)   70.96522 (15012918)
72.28045 (15012109)
 4215140.6 | 63.66049 (14110908)   65.06710 (14110908)   66.98432 (15012918)   68.60849 (15012918)
69.74256 (15012109)
 4215120.6 | 61.51255 (14110908)   63.05338 (14110908)   64.43961 (15012918)   66.08603 (15012918)
67.32798 (15012109)
 4215100.6 | 59.55096 (14110908)   61.00804 (14110908)   62.20811 (15012918)   63.96201 (15012918)
64.98632 (15012109)
 4215080.6 | 57.53958 (14110908)   59.21133 (14110908)   60.07208 (14110908)   61.93109 (15012918)
62.97277 (15012918)
 4215060.6 | 55.77214 (14110908)   57.37973 (14110908)   58.42693 (14110908)   59.84244 (15012918)
60.98564 (15012918)
 4215040.6 | 53.97992 (14110908)   55.75383 (14110908)   56.83182 (14110908)   58.02923 (15012918)
59.31318 (15012918)
 4215020.6 | 52.40427 (14110908)   54.23536 (14110908)   55.33670 (14110908)   56.27518 (15012918)
57.58139 (15012918)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4216000.6 | 46.78224 (15111318)   45.27948 (15111317)   44.04998 (15111317)   42.55160 (15112117)
40.75172 (15112117)

 4215980.6 | 48.62233 (15111318)   47.11144 (15111317)   45.57295 (15111317)   43.97704 (15112117)
41.78659 (15112117)
 4215960.6 | 50.60937 (15111318)   49.00561 (15111317)   47.14098 (15111317)   45.38391 (15112117)
43.13896 (16120822)
 4215940.6 | 52.68605 (15111318)   50.99829 (15111317)   48.98142 (15112117)   46.78513 (15112117)
44.50189 (16120822)
 4215920.6 | 55.01808 (15111317)   53.09524 (15111317)   50.86116 (15112117)   48.16308 (15112117)
46.11932 (14122020)
 4215900.6 | 57.68228 (15111317)   55.30283 (15111317)   52.83331 (15112117)   49.92983 (16120822)
48.08346 (14122020)
 4215880.6 | 60.55010 (15111317)   57.68964 (15112117)   54.89792 (15112117)   51.82238 (16120822)
50.10246 (14122020)
 4215860.6 | 63.64932 (15111317)   60.51684 (15112117)   57.00216 (15112117)   54.39318 (14122020)
52.18038 (13111118)
 4215840.6 | 67.06815 (15111317)   63.47353 (15112117)   59.51670 (16120822)   57.06741 (14122020)
54.55005 (13111118)
 4215820.6 | 70.74429 (15111317)   66.61773 (15112117)   62.48330 (14122020)   59.81175 (13111118)
57.03362 (14120120)
 4215800.6 | 74.78298 (15111317)   69.95686 (15112117)   66.14818 (14122020)   62.95611 (13111118)
59.91625 (14120120)
 4215780.6 | 79.41424 (15112117)   73.67214 (16120822)   70.02205 (14122020)   66.33571 (14120120)
63.34476 (13111717)
 4215760.6 | 84.63524 (15112117)   78.57918 (14122020)   74.35494 (13111118)   70.24309 (14120120)
67.17812 (13111717)
 4215740.6 | 90.48636 (15112117)   84.25314 (14122020)   79.18676 (14120120)   75.26315 (13111717)
70.49166 (13111717)
 4215720.6 | 97.09131 (15112117)   90.55454 (13111118)   84.86889 (14120120)   80.35180 (13111717)
76.44213 (16110917)
 4215700.6 | 105.23000 (14122020)   97.84957 (14120120)   92.32596 (13111717)   86.49642 (16110917)
82.13322 (16110917)
 4215680.6 | 115.80673 (14122020)   107.03062 (13111717)   99.48288 (13111717)   94.61816 (16110917)
87.93638 (14110817)
 4215660.6 | 128.60144 (13111118)   118.95314 (13111717)   111.16537 (16110917)   102.62613 (14110817)
90.72820 (15120117)
 4215640.6 | 144.96325 (14120120)   133.68917 (16110917)   123.09514 (14110817)   107.35279 (15120117)
96.71905 (13011217)
 4215620.6 | 167.60008 (13111717)   152.91192 (14110817)   131.51204 (15120117)   115.18005 (13011217)
100.93476 (13112417)
 4215600.6 | 199.26236 (16110917)   169.60332 (13122217)   143.33264 (15010317)   123.79738 (13110917)
107.86756 (13110917)
 4215580.6 | 193.87463 (13112817)   185.75339 (13110917)   153.30875 (13110917)   124.44528 (13122417)
103.30814 (13122417)
 4215560.6 | 205.84976 (16122222)   182.69101 (13122417)   141.19877 (13120417)   115.11704 (15012007)
96.15196 (15012007)
 4215540.6 | 259.64835 (16122222)   204.91585 (16122222)   149.93783 (16111321)   115.02406 (16111321)
93.32396 (14012919)
 4215520.6 | 284.10335 (14013006)   228.42713 (16122222)   162.63414 (13112817)   127.89589 (16111321)
102.67386 (16111321)
 4215500.6 | 251.44473 (14110717)   222.21463 (14013006)   175.93862 (16122222)   135.46594 (13112817)
111.48533 (16111321)
 4215480.6 | 217.78780 (14110717)   203.61841 (14110717)   180.46595 (16111220)   142.16225 (16111220)
116.36931 (13112817)
 4215460.6 | 188.68021 (14110717)   189.13019 (14110717)   172.18106 (16111220)   150.87716 (16111220)
118.66841 (16111220)
 4215440.6 | 164.76040 (14110717)   171.83054 (14110717)   160.06688 (16111418)   149.61570 (16111220)
128.10965 (16111220)
 4215420.6 | 147.84232 (16110518)   154.84199 (14110717)   152.33533 (14110717)   141.44124 (16111220)
130.50735 (16111220)
 4215400.6 | 134.37946 (16110518)   139.21800 (14110717)   142.26943 (14110717)   133.79602 (16111418)
127.07046 (16111220)
 4215380.6 | 122.81292 (16110518)   126.03068 (16110518)   131.30643 (14110717)   128.05701 (14110717)
120.82923 (16111418)
 4215360.6 | 112.75704 (16110518)   116.99404 (16110518)   120.74347 (14110717)   121.66951 (14110717)
115.14234 (16111418)
 4215340.6 | 105.92993 (16110820)   108.72783 (16110518)   110.60923 (14110717)   114.15306 (14110717)
110.82356 (14110717)
 4215320.6 | 99.85252 (16110820)   101.67968 (16110518)   103.73737 (16111419)   106.40256 (14110717)
106.32185 (14110717)
 4215300.6 | 94.41726 (16110820)   95.80068 (13111221)   98.36552 (16111419)   98.77329 (14110717)

100.91780 (14110717)
 4215280.6 | 89.81681 (16110820)   90.72254 (16110820)   92.90485 (16111419)   92.87478 (15120707)
95.08787 (14110717)
 4215260.6 | 86.05043 (16110820)   86.56853 (16110820)   87.74249 (13111221)   88.74265 (16111419)
89.15900 (14110717)
 4215240.6 | 82.34298 (16110820)   83.33760 (16110820)   83.48800 (13111221)   84.98083 (16111419)
84.18046 (15120707)
 4215220.6 | 78.63689 (16110820)   80.05282 (16110820)   80.29269 (13111221)   81.09825 (16111419)
80.79025 (16111419)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4215200.6 | 76.41542 (14110218)   77.05053 (16110820)   77.13240 (16110820)   77.68513 (13111221)
78.01975 (16111419)
 4215180.6 | 75.20599 (14110218)   74.63990 (16110820)   74.65116 (16110820)   75.09244 (13111221)
75.02087 (16111419)
 4215160.6 | 74.00404 (14110218)   72.71924 (14110218)   72.32261 (16110820)   72.17244 (13111221)
73.11804 (16110518)
 4215140.6 | 71.15909 (14110218)   70.36034 (14110218)   69.77722 (16110820)   69.29773 (16110820)
70.03884 (13111221)
 4215120.6 | 68.40211 (14110218)   68.06260 (14110218)   67.28603 (16110820)   67.24139 (16110820)
67.36066 (13111221)
 4215100.6 | 65.71883 (14110218)   65.81365 (14110218)   64.84104 (16110820)   65.18155 (16110820)
64.67954 (13111221)
 4215080.6 | 63.09866 (14110218)   63.60336 (14110218)   62.43450 (16110820)   63.12261 (16110820)
62.48432 (16110820)
 4215060.6 | 61.22622 (15012109)   61.87639 (14110218)   60.64715 (14110218)   61.06630 (16110820)
60.85044 (16110820)
 4215040.6 | 59.98517 (15012109)   60.40174 (14110218)   60.18614 (14110218)   59.32023 (16110820)
59.43253 (16110820)
 4215020.6 | 58.21141 (15012109)   58.97783 (15012109)   58.89505 (14110218)   58.36646 (16110820)
58.01993 (16110820)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                                INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,

L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4216000.6 | 38.98300 (16120822)   37.82649 (14122020)   36.66247 (14122020)   35.50465 (13111118)
34.39254 (14120120)
 4215980.6 | 40.09957 (15120518)   39.11839 (14122020)   37.80673 (13111118)   36.38983 (14120120)
35.38898 (14120120)
 4215960.6 | 41.61768 (14122020)   40.31662 (14122020)   38.92600 (13111118)   37.67224 (14120120)
36.23829 (14120120)
 4215940.6 | 43.18288 (14122020)   41.63913 (13111118)   40.03091 (14120120)   38.78383 (14120120)
37.69674 (13111717)
 4215920.6 | 44.69056 (14122020)   43.00633 (13111118)   41.49743 (14120120)   39.98024 (13111717)
39.05435 (13111717)
 4215900.6 | 46.28735 (13111118)   44.38798 (14120120)   42.78350 (14120120)   41.68734 (13111717)
40.18021 (13111717)
 4215880.6 | 48.07992 (13111118)   46.21068 (14120120)   44.55511 (13111717)   43.16416 (13111717)
41.15235 (15010117)
 4215860.6 | 49.96096 (14120120)   47.82180 (14120120)   46.52950 (13111717)   44.30555 (13111717)
42.81206 (16110917)
 4215840.6 | 52.20815 (14120120)   50.30183 (13111717)   48.17466 (13111717)   45.84211 (15010117)
45.09059 (16110917)
 4215820.6 | 54.55344 (13111717)   52.57693 (13111717)   49.77705 (15010117)   48.61269 (16110917)
46.93446 (16110917)
 4215800.6 | 57.61056 (13111717)   54.41298 (13111717)   52.75685 (16110917)   50.98617 (16110917)
48.67491 (14110817)
 4215780.6 | 60.28715 (13111717)   57.56815 (16110917)   55.77069 (16110917)   53.05894 (14110817)
50.46126 (14110817)
 4215760.6 | 63.21497 (16110917)   61.42581 (16110917)   58.24750 (14110817)   55.22460 (14110817)
50.84378 (14110817)
 4215740.6 | 68.19941 (16110917)   64.47887 (14110817)   60.99785 (14110817)   55.81813 (14110817)
52.27480 (13122217)
 4215720.6 | 72.26248 (16110917)   68.05450 (14110817)   61.83925 (14110817)   57.81351 (13122217)
54.39336 (13011217)
 4215700.6 | 76.79773 (14110817)   69.14404 (14110817)   64.40630 (13122217)   60.03341 (13011217)
55.82351 (15010317)
 4215680.6 | 78.46385 (15120117)   72.54463 (13122217)   66.68551 (13011217)   61.65792 (15010317)
57.14923 (14120318)
 4215660.6 | 82.97773 (13011217)   75.34258 (15010317)   68.67449 (13112417)   64.29153 (13110917)
60.48489 (13110917)
 4215640.6 | 86.42123 (15010317)   78.24165 (13110917)   72.92576 (13110917)   66.91453 (13110917)
60.65463 (13110917)
 4215620.6 | 91.81339 (13110917)   82.46465 (13110917)   73.03046 (13110917)   65.88902 (13122417)
59.23736 (13122417)
 4215600.6 | 92.22767 (13122417)   80.63238 (13122417)   70.99792 (13120417)   64.47066 (13120417)
58.59515 (15012007)
 4215580.6 | 89.08873 (13120417)   77.93423 (15012007)   68.93093 (15012007)   61.36312 (15012007)
55.97841 (16120520)
 4215560.6 | 83.28106 (16120520)   74.57181 (16120520)   67.37959 (16120520)   61.55468 (16120520)
56.57987 (16120520)
 4215540.6 | 79.54991 (16120520)   70.88767 (16120520)   63.84008 (16120520)   58.33212 (15013106)
53.74987 (15013106)
 4215520.6 | 86.77196 (14012919)   74.90873 (14012919)   65.57138 (17010206)   59.39596 (17010206)
54.18349 (17010206)
 4215500.6 | 93.11772 (16110219)   80.72510 (14012919)   70.77411 (14012919)   62.37431 (14012919)

57.00638 (17010206)
 4215480.6 | 98.83863 (16111321)   85.13500 (16110219)   75.23693 (16110219)   66.87129 (14012919)
59.54073 (14012919)
 4215460.6 | 102.17784 (13112817)   88.77817 (16111321)   78.24025 (16110219)   70.28004 (16110219)
63.20765 (14012919)
 4215440.6 | 101.88128 (13112817)   91.14100 (13112817)   80.59397 (16111321)   72.28913 (16110219)
65.81229 (16110219)
 4215420.6 | 110.18610 (16111220)   91.17510 (13112817)   82.29336 (13112817)   73.79367 (16111321)
67.12389 (16110219)
 4215400.6 | 114.43946 (16111220)   95.86677 (16111220)   82.55890 (13112817)   75.00702 (13112817)
68.04729 (16111321)
 4215380.6 | 114.07094 (16111220)   101.00365 (16111220)   84.16922 (16111220)   75.43697 (13112817)
68.89665 (13112817)
 4215360.6 | 110.14988 (16111220)   102.50554 (16111220)   89.64947 (16111220)   74.50077 (16111220)
69.44612 (13112817)
 4215340.6 | 105.63669 (16111418)   100.90939 (16111220)   92.28689 (16111220)   80.02888 (16111220)
68.30837 (13112817)
 4215320.6 | 100.91342 (16111418)   97.06173 (16111220)   92.35447 (16111220)   83.36997 (16111220)
71.81927 (16111220)
 4215300.6 | 97.45034 (14110717)   93.78962 (16111418)   90.27660 (16111220)   84.53220 (16111220)
75.51564 (16111220)
 4215280.6 | 94.12623 (14110717)   89.81732 (16111418)   86.78641 (16111418)   83.77972 (16111220)
77.41426 (16111220)
 4215260.6 | 90.01962 (14110717)   87.09924 (14110717)   84.39430 (16111418)   81.49701 (16111220)
77.64159 (16111220)
 4215240.6 | 85.67237 (14110717)   84.54457 (14110717)   80.98330 (16111418)   78.86434 (16111418)
76.43559 (16111220)
 4215220.6 | 81.17699 (14110717)   81.66757 (14110717)   78.81120 (14110717)   76.65540 (16111418)
74.10089 (16111220)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                               INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4215200.6 | 77.00359 (15120707)   78.28034 (14110717)   76.95868 (14110717)   73.68398 (16111418)
72.17919 (16111418)
 4215180.6 | 74.65212 (15120707)   74.45708 (14110717)   74.58948 (14110717)   72.10698 (14110717)
70.16528 (16111418)
 4215160.6 | 72.06588 (16111419)   71.86601 (14110717)   71.87865 (14110717)   70.68908 (14110717)
67.71161 (16111418)
 4215140.6 | 69.59386 (16111419)   68.94009 (15120707)   68.71789 (14110717)   68.82429 (14110717)
66.37460 (14110717)
 4215120.6 | 67.02838 (16111419)   66.62553 (15120707)   65.41903 (14110717)   66.40954 (14110717)
65.24023 (14110717)
 4215100.6 | 64.41220 (16111419)   64.56525 (16111419)   63.25980 (15120707)   63.75066 (14110717)

63.71767 (14110717)
 4215080.6 | 62.10881 (13111221)   62.47567 (16111419)   61.35016 (15120707)   60.93697 (14110717)
61.68612 (14110717)
 4215060.6 | 60.27171 (13111221)   60.29243 (16111419)   59.59115 (16111419)   58.86947 (15120707)
59.41676 (14110717)
 4215040.6 | 58.68626 (13111221)   58.34887 (13111221)   58.52406 (16111419)   58.01729 (15120707)
57.43070 (14110717)
 4215020.6 | 57.21126 (16110820)   57.26538 (13111221)   56.90062 (16111419)   56.35527 (15120707)
55.59712 (15120707)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                               INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
                L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
                L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
                L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                          *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                       ** CONC OF PM_10   IN MICROGRAMS/M**3   **

      X-COORD (M) Y-COORD (M)   CONC   (YYMMDDHH)   X-COORD (M) Y-COORD (M)   CONC
(YYMMDDHH)
 -
- - - - - - - -
        539341.84   4215428.70   158.94305 (13012521)   539351.84   4215428.70   158.05218
(13012521)
        539361.84   4215428.70   157.72880 (15013018)   539371.84   4215428.70   157.29882
(14110917)
        539381.84   4215428.70   156.89911 (14110917)   539341.84   4215438.70   177.21531
(14122918)
        539351.84   4215438.70   178.83181 (13012521)   539361.84   4215438.70   178.34162
(13012521)
        539371.84   4215438.70   175.14476 (15013018)   539381.84   4215438.70   173.30055
(15013018)
        539341.84   4215448.70   204.78334 (13111119)   539351.84   4215448.70   206.37241
(15110619)
        539361.84   4215448.70   177.84133 (15110619)   539371.84   4215448.70   203.32888
(13012521)
        539381.84   4215448.70   198.15442 (13012521)   539341.84   4215458.70   150.46183
(16011921)
        539351.84   4215458.70   169.40960 (15111722)   539361.84   4215458.70   191.93415
(14122917)
        539371.84   4215458.70   147.24803 (13111119)   539381.84   4215458.70   158.79349
(15110619)
        539341.84   4215468.70   154.07710 (14012217)   539351.84   4215468.70   171.38439
(16011921)
        539361.84   4215468.70   197.88261 (16011921)   539371.84   4215468.70   150.72437
(15111722)
        539381.84   4215468.70   166.64042 (13111119)   539113.88   4215517.52   52.63333
(14012720)
        539096.52   4215515.99   51.85964 (14012720)   539108.26   4215501.18   59.95324
(14012720)
        539096.01   4215500.67   57.62698 (14012720)   539108.26   4215486.38   63.96255
(14012720)
        539094.47   4215485.36   61.82214 (14012720)   539135.32   4215461.36   74.13719
(13112022)
        539150.13   4215439.91   82.02802 (13111718)   539114.39   4215452.68   69.63538

(16011321)
       539123.07   4215439.40   73.66061 (13111718)   539159.32   4215421.02   85.45101
(14012217)
       539145.02   4215416.43   80.67955 (14012217)   539134.30   4215410.81   77.81766
(14012217)
       539131.75   4215425.11   77.96217 (13110818)   539206.80   4215383.75   91.90037
(14122917)
       539215.99   4215372.52   90.59651 (15110619)   539188.93   4215382.22   86.95760
(15111722)
       539176.17   4215379.67   84.04749 (15111722)   539165.44   4215376.09   81.31749
(15111722)
       539248.79   4215356.71   89.05538 (13012521)   539243.45   4215348.45   85.00428
(13012521)
       539265.58   4215345.25   86.60938 (15013018)   539260.78   4215338.05   83.83564
(15013018)
       539256.25   4215351.38   86.30755 (13012521)   539272.77   4215331.92   83.83551
(14110917)
       539264.78   4215324.99   80.94914 (14110917)   539280.77   4215321.79   82.39835
(14110917)
       539279.97   4215307.14   77.85549 (14110917)   539287.97   4215313.80   79.94117
(14110917)
       539297.83   4215304.74   75.43637 (13111121)   539289.56   4215296.21   72.92260
(14110917)
       539311.15   4215287.68   73.19412 (14110418)   539303.69   4215281.28   71.38722
(14110418)
       539303.69   4215296.21   74.21161 (13111121)   539314.25   4215271.79   70.05443
(14110418)
       539329.09   4215260.48   68.09529 (16110617)   539339.69   4215237.16   66.19656
(16110617)
       539357.36   4215232.92   66.85335 (16110617)   539394.11   4215199.70   64.75930
(16111117)
       539044.99   4215579.21   32.27477 (14111220)   539034.39   4215591.93   30.88219
(14111220)
       539054.88   4215556.59   35.44803 (15120817)   539058.42   4215538.92   39.41492
(14012720)
       539054.88   4215520.55   45.16251 (14012720)   539082.44   4215477.44   59.68856
(14010718)
       539073.96   4215466.13   59.98997 (13112022)   539098.70   4215440.69   68.20704
(16011321)
       539109.30   4215426.56   72.10348 (13111718)   539117.07   4215415.96   74.54890
(13110818)
       539125.55   4215401.11   75.66295 (14012217)   539158.77   4215367.19   79.46747
(15111722)
       539150.29   4215357.30   77.35898 (15111722)   539184.21   4215339.63   77.99217
(15110619)
       539222.37   4215324.79   75.68653 (13012521)   539243.58   4215317.72   76.86782
(15013018)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                          *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: TK2
***
                              INCLUDING SOURCE(S):   L0000214   , L0000215   , L0000216   , L0000217   ,
L0000218   ,
               L0000219   , L0000220   , L0000221   , L0000222   , L0000223   , L0000224   , L0000225   ,
L0000226   ,
               L0000227   , L0000228   , L0000229   , L0000230   , L0000231   , L0000232   , L0000233   ,
L0000234   ,
               L0000235   , L0000236   , L0000237   , L0000238   , L0000239   , L0000240   , L0000241   ,
. . .   ,

                                       *** DISCRETE CARTESIAN RECEPTOR POINTS ***

                                    ** CONC OF PM_10   IN MICROGRAMS/M**3   **

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      X-COORD (M)  Y-COORD (M)        CONC     (YYMMDDHH)              X-COORD (M)  Y-COORD (M)        CONC
(YYMMDDHH)
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -
        539371.49   4215194.05       62.27145  (16111117)               539364.42   4215191.93       61.33710
(16110617)
        539344.64   4215200.41       61.85890  (16110617)               539409.65   4215113.48       56.69468
(13112018)
        539355.94   4215136.80       56.56444  (16110617)               539262.66   4215288.75       72.53443
(14110917)
        539282.44   4215261.19       66.19404  (13111121)               539299.41   4215235.04       63.23375
(14110418)
        539168.92   4215647.77       43.62845  (16111117)               538947.70   4216163.58       51.62927
(14122218)
        539352.12   4215798.21      215.10710  (14110717)               539367.62   4215566.76       76.13959
(15012918)
        539278.26   4215504.64      101.71596  (14012720)               539297.51   4215494.11      150.46444
(14012720)
        539323.66   4215486.12      155.07203  (14010718)               539342.55   4215482.85      142.20301
(13111718)
        539367.23   4215481.23      142.70342  (14012217)               539397.77   4215487.94      140.88482
(15111722)
        539352.73   4215556.41       72.13821  (13110518)               539337.83   4215546.05       77.48761
(13112006)
        539322.94   4215535.70       89.64629  (14121816)               539308.05   4215525.35      111.72495
(14121816)
        539293.15   4215514.99       94.34095  (15120719)               539287.89   4215499.38      122.48489
(14012720)
        539310.58   4215490.12      129.89582  (14012720)               539354.89   4215482.04      166.30921
(13111718)
        539382.50   4215484.59      167.12596  (16011921)               539391.74   4215503.70      159.31237
(16011321)
        539385.71   4215519.47      125.88757  (14012720)               539379.68   4215535.23       96.91818
(14012720)
        539373.65   4215551.00       79.52807  (14012720)

 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 698
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                           *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL
***
                               INCLUDING SOURCE(S):     SPIL1       , LOAD        , BREATH      , REFILLING   ,
HOSE        ,
               L0000423    , L0000424    , L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    ,
               L0000431    , L0000432    , L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
               L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       538745.17               538765.17               538785.17               538805.17
538825.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |    681.49916 (13111908)    707.89573 (13111908)    734.04469 (15120921)    769.82059 (15120921)
811.45187 (16011019)
 4215980.6 |    671.18613 (13111908)    710.84505 (13111908)    743.00896 (13111908)    770.69854 (15120921)
```

814.04180 (15120921)
 4215960.6 | 674.23169 (14122218)   696.87306 (13111908)   743.28835 (13111908)   781.75847 (13111908)
811.04206 (13111908)
 4215940.6 | 688.29504 (14122218)   710.55958 (14122218)   724.67717 (13111908)   778.38016 (13111908)
824.00705 (13111908)
 4215920.6 | 688.48449 (14112117)   720.81603 (14122218)   749.93774 (14122218)   769.04437 (14122218)
815.86015 (13111908)
 4215900.6 | 711.21935 (14112117)   730.84475 (14112117)   754.06266 (14122218)   791.22915 (14122218)
817.14429 (14122218)
 4215880.6 | 711.00731 (14112117)   746.88892 (14112117)   774.84626 (14112117)   792.78663 (14112117)
834.10043 (14122218)
 4215860.6 | 685.91503 (14112117)   737.08476 (14112117)   782.64722 (14112117)   820.34397 (14112117)
846.94368 (14112117)
 4215840.6 | 676.35108 (14121608)   702.35187 (14121419)   760.93787 (14112117)   816.82467 (14112117)
865.53254 (14112117)
 4215820.6 | 705.01528 (17010618)   717.36804 (17010618)   742.20696 (14121608)   780.40791 (14112117)
848.94596 (14112117)
 4215800.6 | 724.10390 (17010618)   752.14680 (17010618)   773.89124 (17010618)   788.41331 (17010618)
819.75467 (14121608)
 4215780.6 | 749.87144 (15120806)   775.38693 (15120806)   795.50841 (15120806)   828.83697 (17010618)
855.08585 (17010618)
 4215760.6 | 744.76689 (15120806)   786.26334 (15120806)   824.32748 (15120806)   857.16542 (15120806)
882.99963 (15120806)
 4215740.6 | 754.63459 (15120719)   769.30952 (15120719)   812.52562 (15120806)   864.42221 (15120806)
912.08215 (15120806)
 4215720.6 | 784.55485 (15120719)   813.98870 (15120719)   841.14581 (15120719)   864.17244 (15120719)
890.64304 (15120806)
 4215700.6 | 786.91719 (14111519)   817.55042 (15120719)   860.48972 (15120719)   902.68069 (15120719)
941.28903 (15120719)
 4215680.6 | 833.09520 (15110719)   823.64488 (15110719)   865.02960 (14111519)   906.26223 (14111519)
946.40193 (14111519)
 4215660.6 | 902.21508 (14010720)   869.09821 (15110719)   874.38381 (15110719)   915.81473 (15110719)
957.81154 (15110719)
 4215640.6 | 944.71337 (14111220)   950.29137 (14111220)   917.20766 (14010720)   920.19993 (14010720)
964.08886 (14010720)
 4215620.6 | 966.32643 (14111220)   994.51551 (14111220)   948.23949 (14111220)   937.40617 (14111220)
983.69035 (14111220)
 4215600.6 | 984.78742 (15120817)   1008.01457 (15120817)   1029.64940 (16013021)   987.37054 (16013021)
1037.05422 (16013021)
 4215580.6 | 1000.65390 (15120817)   1033.52797 (15120817)   1063.71157 (15120817)   1103.90246 (15120817)
1160.65684 (15120817)
 4215560.6 | 975.66468 (16012421)   1010.44785 (16012421)   1052.41343 (16012421)   1087.38594 (16012421)
1147.49981 (16012421)
 4215540.6 | 905.67613 (14012720)   944.63480 (14012720)   984.65443 (14012720)   1027.40785 (14012720)
1079.39717 (14012720)
 4215520.6 | 1135.08308 (14012720)   1185.36493 (14012720)   1236.12280 (14012720)   1290.36643 (14012720)
1360.76705 (14012720)
 4215500.6 | 1300.79526 (14012720)   1351.37069 (14012720)   1405.25613 (14012720)   1462.40473 (14012720)
1539.67033 (14012720)
 4215480.6 | 1340.38038 (14012720)   1383.65789 (14012720)   1429.10233 (14012720)   1486.93676 (16012422)
1548.73403 (16012422)
 4215460.6 | 1329.50719 (14010718)   1371.23700 (14010718)   1414.00616 (14010718)   1467.54550 (13112022)
1537.57157 (13112022)
 4215440.6 | 1330.70682 (13112022)   1371.53173 (13112022)   1416.06379 (13112022)   1456.05711 (13112022)
1494.79826 (13112022)
 4215420.6 | 1252.91804 (16011321)   1321.55781 (16011321)   1387.29847 (16011321)   1452.46510 (16011321)
1515.77740 (16011321)
 4215400.6 | 1311.98918 (16011321)   1356.07953 (16011321)   1392.27985 (16011321)   1423.38488 (16011321)
1452.45191 (16011321)
 4215380.6 | 1240.70036 (16011321)   1303.43056 (13111718)   1376.93631 (13111718)   1445.77270 (13111718)
1511.84667 (13111718)
 4215360.6 | 1305.91541 (13111718)   1350.38402 (13111718)   1392.79966 (13121818)   1444.62036 (13121818)
1501.39161 (13110818)
 4215340.6 | 1294.03135 (13110818)   1342.33056 (13110818)   1382.71030 (13110818)   1406.05101 (13110818)
1413.51547 (13110818)
 4215320.6 | 1261.08874 (13110818)   1265.34445 (13110818)   1311.25049 (14012217)   1386.28534 (15112517)
1452.02675 (15112517)
 4215300.6 | 1233.90676 (15112517)   1295.85488 (15112517)   1340.60351 (15112517)   1391.52844 (16011921)
1432.80459 (16011921)

 4215280.6 | 1249.98075 (16011921)   1291.28317 (16011921)   1312.56324 (16011921)   1311.09665 (16011921)
1289.03091 (16011921)
 4215260.6 | 1211.58653 (16011921)   1202.23555 (16011921)   1170.59361 (16011921)   1128.55286 (15111722)
1262.78478 (15111722)
 4215240.6 | 1071.58470 (16011921)   1034.43898 (15111722)   1153.06405 (15111722)   1262.40784 (15111722)
1355.09164 (15111722)
 4215220.6 | 1062.01681 (15111722)   1161.41935 (15111722)   1246.62019 (15111722)   1304.77127 (15111722)
1335.74715 (15111722)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538745.17   538765.17   538785.17   538805.17
538825.17
 -
- - - - - - - -

 4215200.6 | 1153.18515 (15111722)   1211.23252 (15111722)   1244.10951 (15111722)   1259.27578 (14122917)
1309.75989 (16123020)
 4215180.6 | 1163.48942 (15111722)   1171.11310 (15111722)   1211.10268 (14122917)   1254.75204 (16123020)
1297.81965 (13111119)
 4215160.6 | 1129.91689 (14122917)   1167.82233 (16123020)   1202.69656 (13111119)   1234.95125 (13111119)
1267.54594 (15110619)
 4215140.6 | 1124.87419 (16123020)   1158.58040 (13111119)   1185.84839 (15110619)   1200.74866 (15110619)
1171.55082 (15110619)
 4215120.6 | 1109.33997 (13111119)   1135.83693 (15110619)   1131.16967 (15110619)   1124.10750 (14122918)
1200.26459 (14122918)
 4215100.6 | 1082.89345 (15110619)   1063.23566 (15110619)   1094.00240 (14122918)   1155.31984 (14122918)
1175.19525 (14122918)
 4215080.6 | 995.95506 (15110619)   1063.29195 (14122918)   1111.13198 (14122918)   1118.95236 (14122918)
1161.57689 (13121819)
 4215060.6 | 1030.67974 (14122918)   1067.58521 (14122918)   1075.72222 (13121819)   1113.82264 (13121819)
1144.70270 (13012521)
 4215040.6 | 1025.08574 (14122918)   1039.58013 (13121819)   1068.63122 (13121819)   1095.86860 (13012521)
1079.71397 (13012521)
 4215020.6 | 1004.63923 (13121819)   1029.50006 (13012521)   1051.49238 (13012521)   1031.12588 (13012521)
981.37643 (16110522)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,

L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 ,
L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	538845.17	538865.17	538885.17	538905.17	538925.17
4216000.6	885.00396 (13110718)	1014.17851 (16011218)	1031.12806 (16011218)	1008.78740 (16011218)	969.91130 (16011218)
4215980.6	866.07266 (16011019)	968.59604 (13110718)	1092.01292 (16011218)	1050.61582 (16011218)	1025.55459 (16011218)
4215960.6	864.08497 (15120921)	931.65962 (16011019)	979.92559 (13110718)	1117.25494 (16011218)	1072.71735 (16011218)
4215940.6	860.89772 (13111908)	920.69542 (15120921)	983.32181 (16011019)	1025.78555 (13110718)	1144.64223 (16011218)
4215920.6	870.17524 (13111908)	916.12841 (13111908)	983.74999 (15120921)	1049.89819 (16011019)	1070.06917 (13110718)
4215900.6	855.90923 (13111908)	920.45463 (13111908)	977.66884 (13111908)	1055.31873 (15120921)	1117.03590 (16011019)
4215880.6	869.14661 (14122218)	898.82498 (13111908)	975.80367 (13111908)	1046.85952 (13111908)	1135.84717 (15120921)
4215860.6	879.06864 (14122218)	925.44276 (14122218)	958.79032 (14122218)	1036.77337 (13111908)	1124.73066 (13111908)
4215840.6	903.96042 (14112117)	929.27125 (14112117)	985.50017 (14122218)	1031.37090 (14122218)	1102.84434 (13111908)
4215820.6	910.56795 (14112117)	962.88329 (14112117)	1001.19094 (14112117)	1048.36046 (14122218)	1109.91287 (14122218)
4215800.6	877.18209 (14112117)	953.99456 (14112117)	1022.14517 (14112117)	1077.08311 (14112117)	1115.58158 (14112117)
4215780.6	873.22563 (17010618)	911.61148 (14121608)	992.91240 (14112117)	1079.41666 (14112117)	1154.87104 (14112117)
4215760.6	919.83075 (17010618)	952.33712 (17010618)	974.69400 (17010618)	1025.12927 (14112117)	1134.30460 (14112117)
4215740.6	953.69821 (15120806)	987.69400 (15120806)	1029.90442 (17010618)	1070.35146 (17010618)	1098.90075 (17010618)
4215720.6	954.46100 (15120806)	1015.00498 (15120806)	1070.07904 (15120806)	1115.99409 (15120806)	1165.70383 (17010618)
4215700.6	975.81736 (15120719)	1004.78806 (15120719)	1061.07860 (15120806)	1140.45578 (15120806)	1213.80482 (15120806)
4215680.6	1001.73576 (15120719)	1056.53950 (15120719)	1107.76217 (15120719)	1153.57347 (15120719)	1192.15331 (15120719)
4215660.6	1004.96814 (14111519)	1062.52211 (14111519)	1118.81172 (14111519)	1190.11501 (15120719)	1264.98436 (15120719)
4215640.6	1013.85680 (15110719)	1074.34585 (15110719)	1135.43005 (15110719)	1195.47818 (15110719)	1273.02046 (14111519)
4215620.6	1078.09833 (14111220)	1128.85595 (14111220)	1141.37350 (14010720)	1207.92842 (14010720)	1280.68029 (15110719)
4215600.6	1089.16894 (16013021)	1157.13313 (14111220)	1214.29336 (14111220)	1232.79661 (14111220)	1308.97950 (14111220)
4215580.6	1221.39485 (15120817)	1286.33546 (15120817)	1324.61727 (15120817)	1292.46513 (15120817)	1309.49383 (15120817)
4215560.6	1212.67427 (16012421)	1283.75382 (16012421)	1354.44450 (16012421)	1309.18611 (15120817)	1377.18271 (15120817)
4215540.6	1135.81584 (14012720)	1197.23733 (14012720)	1269.95217 (16012421)	1330.58968 (16012421)	1337.30131 (14012720)
4215520.6	1437.68237 (14012720)	1522.00598 (14012720)	1609.86107 (14012720)	1691.22734 (14012720)	1792.50770 (14012720)
4215500.6	1617.74592 (14012720)	1703.13676 (14012720)	1796.32411 (14012720)	1892.29341 (14012720)	1992.25330 (14012720)

 4215480.6 | 1620.59518 (16012422)   1697.04910 (16012422)   1778.21280 (14010718)   1875.92309 (14010718)
1981.05962 (14010718)
 4215460.6 | 1609.87718 (13112022)   1685.45841 (13112022)   1770.18987 (13112022)   1858.71209 (13112022)
1950.61884 (13112022)
 4215440.6 | 1536.87750 (13112022)   1602.20352 (16011321)   1702.52345 (16011321)   1817.83428 (16011321)
1929.51224 (16011321)
 4215420.6 | 1581.81418 (16011321)   1638.94913 (16011321)   1696.55118 (16011321)   1759.30107 (16011321)
1867.42114 (13111718)
 4215400.6 | 1525.47239 (13111718)   1618.88967 (13111718)   1711.25208 (13111718)   1807.60192 (13111718)
1904.78227 (13121818)
 4215380.6 | 1564.92866 (13111718)   1627.95161 (13121818)   1702.89729 (13110818)   1785.76622 (13110818)
1849.25414 (13110818)
 4215360.6 | 1550.32577 (13110818)   1582.73748 (13110818)   1617.99506 (14012217)   1724.13169 (15112517)
1837.80932 (15112517)
 4215340.6 | 1482.56811 (15112517)   1571.93588 (15112517)   1642.44449 (15112517)   1728.80472 (16011921)
1788.77572 (16011921)
 4215320.6 | 1510.78361 (16011921)   1563.48505 (16011921)   1595.47735 (16011921)   1592.87150 (16011921)
1553.16598 (16011921)
 4215300.6 | 1445.07080 (16011921)   1427.78774 (16011921)   1380.18615 (16011921)   1542.98946 (15111722)
1697.31843 (15111722)
 4215280.6 | 1240.49622 (15111722)   1391.86316 (15111722)   1529.52001 (15111722)   1634.49196 (15111722)
1697.93855 (15111722)
 4215260.6 | 1388.69733 (15111722)   1489.29866 (15111722)   1554.55420 (15111722)   1585.06342 (14122917)
1660.14821 (16123020)
 4215240.6 | 1421.77676 (15111722)   1449.69867 (15111722)   1506.12660 (14122917)   1571.18008 (13111119)
1627.74882 (15110619)
 4215220.6 | 1372.79416 (14122917)   1434.48754 (16123020)   1490.01920 (13111119)   1537.55404 (15110619)
1546.39732 (15110619)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538845.17   538865.17   538885.17   538905.17
538925.17
 -
- - - - - - - -

 4215200.6 | 1357.69472 (13111119)   1403.29396 (13111119)   1444.61848 (15110619)   1425.27901 (15110619)
1517.99693 (14122918)
 4215180.6 | 1334.31127 (15110619)   1347.02542 (15110619)   1344.55466 (14122918)   1440.22696 (14122918)
1475.20811 (14122918)
 4215160.6 | 1256.43978 (15110619)   1292.93163 (14122918)   1363.33552 (14122918)   1393.36079 (13121819)
1456.14552 (13012521)
 4215140.6 | 1245.42413 (14122918)   1294.97404 (14122918)   1323.61958 (13121819)   1377.44079 (13012521)
1401.99967 (13012521)
 4215120.6 | 1233.91982 (14122918)   1267.16626 (13121819)   1307.62471 (13012521)   1319.44217 (13012521)
1261.99312 (13012521)
 4215100.6 | 1211.95645 (13121819)   1249.55288 (13012521)   1248.92144 (13012521)   1189.69039 (13012521)
1208.29813 (16110522)

 4215080.6 | 1195.34303 (13012521)   1188.18930 (13012521)   1127.13801 (16110522)   1146.92711 (16110522)
1241.44294 (15013018)
 4215060.6 | 1131.94768 (13012521)   1074.45404 (16110522)   1091.66338 (16110522)   1175.37730 (15013018)
1262.94833 (15013018)
 4215040.6 | 1026.02630 (16110522)   1041.50792 (16110522)   1115.97632 (15013018)   1204.11557 (15013018)
1229.84159 (15013018)
 4215020.6 | 995.34206 (16110522)   1059.85926 (15013018)   1149.20749 (15013018)   1181.09609 (15013018)
1145.65842 (15013018)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
 -
- - - - - - - -

 4216000.6 | 936.63925 (16011218)   964.83739 (14121719)   995.65279 (15120918)   1029.68371 (15011617)
1045.32914 (15011617)
 4215980.6 | 1008.32977 (16011218)   979.92063 (14121719)   1017.89350 (14121719)   1051.48525 (15120918)
1094.03315 (15011617)
 4215960.6 | 1094.84838 (16011218)   1048.68644 (16011218)   1038.74448 (14121719)   1083.51617 (15120918)
1120.24677 (15011617)
 4215940.6 | 1161.27720 (16011218)   1123.55448 (16011218)   1099.83475 (16011218)   1107.31159 (14121719)
1157.34985 (15120918)
 4215920.6 | 1168.71657 (16011218)   1180.60221 (16011218)   1171.73061 (16011218)   1159.44077 (16011218)
1185.12931 (14121719)
 4215900.6 | 1112.93260 (13110718)   1197.07059 (16011218)   1220.29255 (16011218)   1236.11040 (16011218)
1228.42599 (16011218)
 4215880.6 | 1169.95863 (16011019)   1157.96232 (13110718)   1235.88294 (16011218)   1291.55563 (16011218)
1315.08981 (16011218)
 4215860.6 | 1211.55311 (15120921)   1232.55197 (16011019)   1208.61505 (13110718)   1290.70087 (16011218)
1369.34401 (16011218)
 4215840.6 | 1212.51216 (13111908)   1304.01508 (15120921)   1295.48675 (16011019)   1270.56445 (13110718)
1405.46059 (16011218)
 4215820.6 | 1174.74040 (13111908)   1311.30435 (13111908)   1402.12429 (13111908)   1366.37608 (15120921)
1403.52885 (13110718)
 4215800.6 | 1195.06948 (14122218)   1263.46903 (14122218)   1422.98200 (13111908)   1413.32672 (13111908)
1451.25856 (15120921)
 4215780.6 | 1213.40773 (14112117)   1286.25084 (14122218)   1381.50511 (14122218)   1489.62816 (13111908)
1521.09022 (13111908)
 4215760.6 | 1233.77105 (14112117)   1318.28018 (14112117)   1384.21058 (14122218)   1513.60573 (14122218)
1586.48840 (13111908)
 4215740.6 | 1183.43143 (14112117)   1312.35646 (14112117)   1428.61550 (14112117)   1525.25595 (14112117)
1659.78274 (14122218)
 4215720.6 | 1219.02106 (17010618)   1256.78649 (14121608)   1386.36463 (14112117)   1541.85977 (14112117)
1681.52902 (14112117)
 4215700.6 | 1276.49417 (15120806)   1338.07536 (17010618)   1408.19743 (17010618)   1463.99534 (14121608)
1653.80607 (14112117)

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 4215680.6 |   1294.75861 (15120806)   1393.86315 (15120806)   1482.26694 (15120806)   1560.36654 (17010618)
1655.94983 (17010618)
 4215660.6 |   1336.08003 (15120719)   1399.41862 (15120719)   1487.67827 (15120806)   1624.50942 (15120806)
1750.59940 (15120806)
 4215640.6 |   1355.16574 (14111519)   1452.66042 (15120719)   1560.14148 (15120719)   1662.96306 (15120719)
1755.02794 (15120719)
 4215620.6 |   1373.29828 (15110719)   1467.06167 (15110719)   1568.87682 (14111519)   1695.26632 (14111519)
1836.65017 (15120719)
 4215600.6 |   1390.95386 (14111220)   1476.69247 (14111220)   1586.54254 (14010720)   1706.97266 (15110719)
1860.53299 (15110719)
 4215580.6 |   1386.67619 (16013021)   1483.91510 (14111220)   1607.77052 (14111220)   1744.66087 (14111220)
1893.51240 (14111220)
 4215560.6 |   1415.40169 (15120817)   1520.48306 (15120817)   1637.55367 (15120817)   1768.48016 (15120817)
1916.93919 (15120817)
 4215540.6 |   1404.05736 (14012720)   1499.46465 (14012720)   1604.87389 (14012720)   1725.53340 (14012720)
1861.42421 (14012720)
 4215520.6 |   1789.94820 (14012720)   1870.20039 (14012720)   2015.01651 (14012720)   2180.56641 (14012720)
2371.29446 (14012720)
 4215500.6 |   2074.31661 (14012720)   2090.90059 (14012720)   2171.59567 (14012720)   2338.41356 (14012720)
2526.59789 (14012720)
 4215480.6 |   2082.87512 (14010718)   2159.91533 (14010718)   2178.62163 (13112022)   2282.66814 (13112022)
2469.09184 (13112022)
 4215460.6 |   2044.30904 (13112022)   2129.88096 (13112022)   2110.34101 (16011321)   2208.24605 (16011321)
2398.04236 (16011321)
 4215440.6 |   2048.59274 (16011321)   2151.99979 (16011321)   2234.69398 (16011321)   2225.54034 (13111718)
2347.99890 (13111718)
 4215420.6 |   2017.53616 (13111718)   2150.64934 (13111718)   2272.05016 (13111718)   2397.83321 (13110818)
2387.76906 (13110818)
 4215400.6 |   2016.71236 (13110818)   2122.26315 (13110818)   2201.42672 (13110818)   2307.94365 (14012217)
2428.40186 (15112517)
 4215380.6 |   1923.38622 (14012217)   2057.55335 (15112517)   2173.73119 (15112517)   2292.28908 (16011921)
2365.67842 (16011921)
 4215360.6 |   1941.92879 (16011921)   2025.12499 (16011921)   2053.61457 (16011921)   2021.91495 (16011921)
2234.86947 (15111722)
 4215340.6 |   1807.04653 (16011921)   1766.82771 (16011921)   1953.23496 (15111722)   2150.03785 (15111722)
2274.33457 (15111722)
 4215320.6 |   1729.54333 (15111722)   1901.72691 (15111722)   2019.12602 (15111722)   2083.79691 (14122917)
2196.45879 (16123020)
 4215300.6 |   1814.89533 (15111722)   1866.11008 (15111722)   1952.26122 (16123020)   2053.03016 (13111119)
2130.99770 (15110619)
 4215280.6 |   1750.60554 (14122917)   1833.63232 (16123020)   1912.47900 (15110619)   1956.71922 (15110619)
2020.16951 (14122918)
 4215260.6 |   1730.96620 (13111119)   1792.79964 (15110619)   1790.07187 (15110619)   1897.88201 (14122918)
1965.87880 (13121819)
 4215240.6 |   1671.90975 (15110619)   1669.93802 (14122918)   1783.72135 (14122918)   1840.47434 (13121819)
1924.34625 (13012521)
 4215220.6 |   1596.14167 (14122918)   1677.00248 (14122918)   1731.30075 (13121819)   1798.84559 (13012521)
1762.75127 (13012521)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                    ***
  15:15:41

  PAGE 703
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL
***
                                INCLUDING SOURCE(S):     SPIL1       , LOAD        , BREATH      , REFILLING   ,
HOSE        ,
                L0000423    , L0000424    , L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    ,
                L0000431    , L0000432    , L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
                L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***
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** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 538945.17   538965.17   538985.17   539005.17
539025.17
- -

4215200.6 | 1573.99053 (14122918)   1632.11457 (13121819)   1687.27014 (13012521)   1641.72595 (13012521)
1635.33049 (16110522)
4215180.6 | 1537.91034 (13121819)   1583.98260 (13012521)   1534.54969 (13012521)   1530.43573 (16110522)
1700.67614 (15013018)
4215160.6 | 1490.89959 (13012521)   1438.57445 (13012521)   1437.47225 (16110522)   1593.19884 (15013018)
1672.14073 (15013018)
4215140.6 | 1346.34953 (13012521)   1353.70665 (16110522)   1493.94645 (15013018)   1580.81479 (15013018)
1552.72948 (15013018)
4215120.6 | 1276.83538 (16110522)   1402.33530 (15013018)   1491.59806 (15013018)   1479.94521 (15013018)
1531.21770 (14110917)
4215100.6 | 1317.76388 (15013018)   1407.57422 (15013018)   1411.80611 (15013018)   1416.42760 (14110917)
1534.45059 (14110917)
4215080.6 | 1330.92615 (15013018)   1345.46010 (15013018)   1308.78737 (14110917)   1440.43334 (14110917)
1472.20253 (14110917)
4215060.6 | 1281.15570 (15013018)   1223.53542 (15013018)   1346.36201 (14110917)   1403.72745 (14110917)
1354.77014 (14110917)
4215040.6 | 1182.09534 (15013018)   1259.22829 (14110917)   1332.05885 (14110917)   1314.80837 (14110917)
1283.72994 (13121808)
4215020.6 | 1179.71546 (14110917)   1264.63020 (14110917)   1271.10113 (14110917)   1185.06602 (14110917)
1286.69186 (13121808)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD | X-COORD (METERS)
(METERS) | 539045.17   539065.17   539085.17   539105.17
539125.17
- -

4216000.6 | 1053.32358 (17011717)   1060.58120 (15011618)   1069.70874 (15011618)   1092.83609 (14121807)
1118.52121 (16011018)
4215980.6 | 1097.21430 (17011717)   1105.51468 (16012921)   1128.90478 (15011618)   1124.59564 (15011606)
1169.04655 (14121807)
4215960.6 | 1161.29146 (15011617)   1169.24986 (17011717)   1171.48944 (15011618)   1191.71107 (15011618)
1216.78519 (14121807)
4215940.6 | 1204.52452 (15011617)   1230.16766 (15011617)   1240.20752 (17011717)   1260.12778 (15011618)
1259.12040 (15011606)
4215920.6 | 1238.73344 (15120918)   1295.24929 (15011617)   1306.80373 (17011717)   1314.73064 (16012921)
1343.34719 (15011618)
4215900.6 | 1273.23956 (14121719)   1327.32193 (15120918)   1391.21066 (15011617)   1404.79090 (17011717)
1422.42219 (15011618)

 4215880.6 | 1307.39176 (16011218)   1378.60185 (15120918)   1447.86033 (15011617)   1490.85091 (15011617)
1502.49544 (17011717)
 4215860.6 | 1408.65790 (16011218)   1410.39409 (14121719)   1499.68265 (15120918)   1580.52379 (15011617)
1606.04761 (17011717)
 4215840.6 | 1471.02584 (16011218)   1518.46195 (16011218)   1542.19782 (14121719)   1635.22750 (15120918)
1723.72004 (15011617)
 4215820.6 | 1499.95433 (16011218)   1590.62379 (16011218)   1646.41070 (16011218)   1693.80852 (14121719)
1800.33463 (15011617)
 4215800.6 | 1485.13351 (13110718)   1612.50058 (16011218)   1735.40768 (16011218)   1794.80306 (16011218)
1876.43986 (15120918)
 4215780.6 | 1556.84117 (15120921)   1591.49163 (13110718)   1756.14428 (16011218)   1910.18373 (16011218)
1970.38826 (16011218)
 4215760.6 | 1729.29924 (13111908)   1683.75787 (15120921)   1725.01634 (13110718)   1934.62789 (16011218)
2121.77498 (16011218)
 4215740.6 | 1706.20298 (13111908)   1867.13138 (13111908)   1838.21144 (15120921)   1891.87395 (13110718)
2156.69203 (16011218)
 4215720.6 | 1818.75278 (14122218)   1870.55888 (14122218)   2027.65931 (13111908)   2027.60720 (15120921)
2129.42742 (13110718)
 4215700.6 | 1846.65829 (14112117)   1989.65504 (14112117)   2072.05851 (14122218)   2219.41410 (13111908)
2275.80817 (13111908)
 4215680.6 | 1755.70770 (14112117)   2016.76614 (14112117)   2224.83022 (14112117)   2304.60311 (14122218)
2453.59809 (13111908)
 4215660.6 | 1855.59448 (17010618)   1990.13731 (17010618)   2187.57370 (14112117)   2480.50396 (14112117)
2616.15339 (14112117)
 4215640.6 | 1925.48111 (15120806)   2110.65389 (15120806)   2274.51395 (15120806)   2474.08714 (17010618)
2736.35665 (14112117)
 4215620.6 | 1999.82580 (15120719)   2156.76629 (15120719)   2331.03629 (15120806)   2622.33610 (15120806)
2903.69889 (15120806)
 4215600.6 | 2019.79808 (15110719)   2211.02284 (14111519)   2435.69230 (15120719)   2712.26700 (15120719)
2992.83012 (15120719)
 4215580.6 | 2054.93652 (14111220)   2233.29212 (14010720)   2459.03836 (14010720)   2751.65274 (15110719)
3083.59783 (14111519)
 4215560.6 | 2082.02426 (15120817)   2268.59900 (15120817)   2481.67853 (14111220)   2790.49336 (14111220)
3155.18027 (14111220)
 4215540.6 | 2023.06316 (16012421)   2231.38479 (16012421)   2480.20653 (15120817)   2785.90273 (15120817)
3159.99296 (15120817)
 4215520.6 | 2588.69585 (14012720)   2842.27293 (14012720)   3141.28675 (14012720)   3500.12121 (14012720)
3939.63812 (14012720)
 4215500.6 | 2739.01533 (14012720)   2982.32204 (14012720)   3266.20272 (16012422)   3614.39588 (14010718)
4045.48220 (14010718)
 4215480.6 | 2672.48092 (13112022)   2896.16376 (13112022)   3140.09450 (13112022)   3453.17693 (16011321)
3893.89180 (16011321)
 4215460.6 | 2596.86530 (16011321)   2802.50310 (16011321)   3031.34282 (13111718)   3401.76718 (13111718)
3788.83763 (13111718)
 4215440.6 | 2551.47841 (13111718)   2761.45207 (13121818)   3016.64943 (13110818)   3262.28343 (14012217)
3641.01687 (14012217)
 4215420.6 | 2531.49259 (13110818)   2752.68666 (14012217)   2970.09845 (15112517)   3219.30816 (16011921)
3285.71955 (16011921)
 4215400.6 | 2609.54392 (16011921)   2761.27262 (16011921)   2817.14099 (16011921)   2981.21698 (15111722)
3322.88054 (15111722)
 4215380.6 | 2376.19753 (16011921)   2640.01337 (15111722)   2942.90241 (15111722)   3118.19833 (14122917)
3174.23233 (13111119)
 4215360.6 | 2480.16383 (15111722)   2635.57181 (15111722)   2814.58864 (16123020)   3014.03465 (15110619)
3101.64173 (14122918)
 4215340.6 | 2384.77809 (14122917)   2558.53846 (13111119)   2693.48251 (15110619)   2825.39063 (14122918)
2996.57659 (13121819)
 4215320.6 | 2322.98862 (15110619)   2389.57974 (15110619)   2552.91503 (14122918)   2694.71479 (13121819)
2792.45666 (13012521)
 4215300.6 | 2161.02476 (14122918)   2321.46503 (14122918)   2449.82160 (13012521)   2502.46109 (13012521)
2551.00589 (15013018)
 4215280.6 | 2122.87461 (14122918)   2240.68737 (13012521)   2262.04980 (13012521)   2292.49399 (15013018)
2548.91024 (15013018)
 4215260.6 | 2066.58816 (13012521)   2064.55672 (13012521)   2078.23618 (15013018)   2310.12581 (15013018)
2324.55863 (15013018)
 4215240.6 | 1900.67543 (13012521)   1900.99539 (15013018)   2118.50752 (15013018)   2152.80772 (15013018)
2312.87683 (14110917)
 4215220.6 | 1755.27347 (15013018)   1957.72973 (15013018)   2010.25876 (15013018)   2100.68810 (14110917)
2200.97530 (14110917)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): SPIL1 , LOAD , BREATH , REFILLING , HOSE ,
L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 ,
L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539045.17	539065.17	539085.17	539105.17	539125.17
4215200.6	1821.33711 (15013018)	1887.38707 (15013018)	1913.53205 (14110917)	2049.50130 (14110917)	1968.77342 (14110917)
4215180.6	1776.30127 (15013018)	1747.67930 (14110917)	1907.45470 (14110917)	1890.79662 (14110917)	1920.04613 (13121808)
4215160.6	1623.79642 (15013018)	1775.12912 (14110917)	1803.85770 (14110917)	1757.72424 (13121808)	1833.08972 (13121808)
4215140.6	1649.53765 (14110917)	1715.57983 (14110917)	1623.38021 (14110917)	1730.28330 (13121808)	1771.28811 (13111121)
4215120.6	1625.16217 (14110917)	1581.08743 (14110917)	1613.74824 (13121808)	1654.26980 (15112508)	1714.78066 (13111121)
4215100.6	1529.96545 (14110917)	1487.95376 (13121808)	1571.81661 (13121808)	1615.69443 (13111121)	1613.80591 (14110418)
4215080.6	1379.48330 (14110917)	1486.21427 (13121808)	1515.09984 (15112508)	1562.98190 (13111121)	1591.29091 (14110418)
4215060.6	1387.95728 (13121808)	1434.34258 (13121808)	1481.82882 (13111121)	1474.40028 (14110418)	1530.65564 (14110418)
4215040.6	1364.00414 (13121808)	1390.41631 (15112508)	1426.21633 (13111121)	1456.91511 (14110418)	1453.60914 (15121718)
4215020.6	1300.97533 (13121808)	1356.94822 (13111121)	1346.58619 (14110418)	1406.52365 (14110418)	1382.85819 (15111721)

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): SPIL1 , LOAD , BREATH , REFILLING , HOSE ,
L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 ,
L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS) 539145.17	539165.17	539185.17	539205.17	539225.17
4216000.6	1135.91334 (16011018)	1160.21792 (16010522)	1193.98380 (16011117)	1258.23396 (16011217)	1330.95576 (16011217)
4215980.6	1197.03622 (16011018)	1206.90135 (16010522)	1227.49251 (16011117)	1286.22142 (16120820)	1342.84907 (16011217)
4215960.6	1249.25940 (16011018)	1255.03466 (16011018)	1283.53428 (16010522)	1330.61339 (16120820)	1401.41448 (16011217)
4215940.6	1307.93062 (14121807)	1338.04077 (16011018)	1354.85793 (16010522)	1391.12761 (16011117)	1449.24097 (16011217)
4215920.6	1370.84683 (14121807)	1411.30258 (16011018)	1418.89698 (16010522)	1449.74940 (16011117)	1502.90125 (16011217)
4215900.6	1427.74794 (15011606)	1481.88221 (14121807)	1511.44324 (16011018)	1532.29630 (16010522)	1585.70919 (16120820)
4215880.6	1533.78329 (15011618)	1565.29209 (14121807)	1613.84347 (16011018)	1630.78167 (16010522)	1679.10384 (16011117)
4215860.6	1624.99856 (15011618)	1642.19345 (15011606)	1702.36883 (14121807)	1728.02955 (16011018)	1770.01017 (16011117)
4215840.6	1745.58285 (17011717)	1776.97112 (15011618)	1815.19301 (14121807)	1873.36156 (16011018)	1895.70015 (16010522)
4215820.6	1876.25081 (15011617)	1886.93104 (16012921)	1922.62296 (15011606)	1996.97973 (16011018)	2033.83372 (16010522)
4215800.6	2005.37860 (15011617)	2055.53762 (17011717)	2096.79506 (15011618)	2148.84503 (14121807)	2217.34485 (16011018)
4215780.6	2095.33070 (15120918)	2234.44989 (15011617)	2269.44841 (17011717)	2306.16703 (15011618)	2405.64529 (16011018)
4215760.6	2176.22386 (16011218)	2349.43472 (15120918)	2487.28077 (15011617)	2533.07387 (15011618)	2612.41469 (14121807)
4215740.6	2378.48373 (16011218)	2472.80549 (14121816)	2688.22497 (15011617)	2794.28280 (17011717)	2854.35133 (15011618)
4215720.6	2435.47980 (16011218)	2697.23481 (16011218)	2921.37526 (14121816)	3096.09897 (15011617)	3157.38132 (17011717)
4215700.6	2395.31707 (16011019)	2788.73705 (16011218)	3135.54528 (14121816)	3480.18517 (14121816)	3575.99084 (15011617)
4215680.6	2640.10957 (13111908)	2749.67258 (15120921)	3247.68193 (16011218)	3904.07680 (14121816)	4160.67949 (14121816)
4215660.6	2793.24776 (14122218)	3044.72462 (13111908)	3233.33947 (15120921)	3861.60529 (16011218)	4967.15253 (14121816)
4215640.6	3020.64142 (14112117)	3255.83673 (14122218)	3579.93327 (13111908)	3897.46697 (15120921)	4828.96092 (14121816)
4215620.6	3084.59673 (17010618)	3492.04008 (14112117)	3918.70308 (14112117)	4308.74917 (13111908)	4859.92534 (15120921)
4215600.6	3380.70265 (15120806)	3741.63228 (15120806)	4051.53491 (17010618)	4840.93205 (14112117)	5519.55747 (14122218)
4215580.6	3516.22994 (15120719)	4038.96833 (15120719)	4510.94757 (15120806)	5265.34994 (15120806)	6102.72033 (14112117)
4215560.6	3583.73540 (14111220)	4118.20086 (14010720)	4837.04734 (15110719)	5716.84146 (14111519)	6460.70377 (15120719)
4215540.6	3619.90558 (15120817)	4202.82060 (15120817)	4959.35419 (15120817)	5893.09656 (15120817)	6938.12132 (14111220)
4215520.6	4488.46707 (14012720)	5185.13559 (14012720)	6097.43778 (14012720)	7324.26050 (14012720)	8941.38892 (14012720)
4215500.6	4563.95077 (14010718)	5229.16338 (13112022)	6083.75402 (13112022)	7157.75010 (13112022)	8691.01939 (16011321)
4215480.6	4387.18006 (16011321)	4920.36458 (16011321)	5794.13090 (13111718)	6810.09863 (13110818)	8096.75752 (14012217)
4215460.6	4254.71606 (13110818)	4764.82128 (14012217)	5424.79043 (14012217)	6119.34426 (16011921)	7164.07960 (15111722)
4215440.6	4000.63829 (16011921)	4335.05270 (16011921)	4925.40680 (15111722)	5600.97448 (14122917)	6366.29005 (15110619)
4215420.6	3665.05996 (15111722)	4138.49465 (15111722)	4602.68501 (13111119)	4996.39884 (14122918)	5649.72495 (13012521)
4215400.6	3489.83878 (16123020)	3851.82555 (15110619)	4164.74722 (14122918)	4597.11480 (13012521)	

4947.69587 (15013018)
 4215380.6 | 3258.01064 (15110619)   3522.67610 (14122918)   3837.68257 (13012521)   4069.10952 (15013018)
4478.30340 (14110917)
 4215360.6 | 3126.49616 (14122918)   3268.05553 (13012521)   3424.89963 (15013018)   3743.03422 (15013018)
4146.35023 (14110917)
 4215340.6 | 3082.26258 (13012521)   3008.64715 (15013018)   3233.77642 (15013018)   3555.37720 (14110917)
3541.51428 (13121808)
 4215320.6 | 2859.40145 (15013018)   3086.89840 (15013018)   3134.89762 (14110917)   3144.86309 (14110917)
3269.02893 (13111121)
 4215300.6 | 2818.11780 (15013018)   2939.20440 (14110917)   2940.88873 (14110917)   2834.39241 (13121808)
3008.78346 (13111121)
 4215280.6 | 2589.69923 (14110917)   2823.93406 (14110917)   2717.53307 (13121808)   2656.50315 (13111121)
2813.13891 (14110418)
 4215260.6 | 2559.77850 (14110917)   2514.70013 (14110917)   2609.15465 (15112508)   2539.60446 (13111121)
2557.87327 (14110418)
 4215240.6 | 2358.34063 (14110917)   2399.75230 (13121808)   2500.25315 (13111121)   2405.16426 (14110418)
2358.21693 (14012722)
 4215220.6 | 2155.71360 (13121808)   2265.37633 (15112508)   2324.67709 (13111121)   2251.78524 (14110418)
2201.78850 (14012722)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539145.17   539165.17   539185.17   539205.17
539225.17
 -
- - - - - - - -

 4215200.6 | 2080.75820 (13121808)   2170.04532 (13111121)   2236.91149 (14110418)   2170.71483 (15111721)
2060.76870 (16112721)
 4215180.6 | 1986.58806 (15112508)   2025.99327 (14110418)   2097.75159 (14110418)   2108.07753 (14012722)
1993.33438 (16112721)
 4215160.6 | 1909.15697 (13111121)   1966.83817 (14110418)   1949.49964 (15111721)   1979.76871 (16112721)
1886.45601 (15110620)
 4215140.6 | 1790.75669 (14110418)   1857.81134 (14110418)   1856.89504 (14012722)   1895.55714 (16112721)
1927.15724 (14112820)
 4215120.6 | 1752.67182 (14110418)   1739.27466 (15121718)   1772.79971 (14012722)   1788.56663 (16112721)
1829.65464 (14110821)
 4215100.6 | 1674.05785 (14110418)   1648.38702 (14012722)   1680.14464 (16112721)   1707.76618 (15110620)
1750.81249 (14110821)
 4215080.6 | 1582.09590 (15121718)   1591.36110 (14012722)   1614.10290 (16112721)   1640.39860 (14112820)
1663.36795 (14110821)
 4215060.6 | 1499.74331 (15111721)   1513.21872 (14012722)   1527.43663 (16112721)   1573.05119 (14112820)
1589.97989 (16110617)
 4215040.6 | 1452.09036 (14012722)   1460.61428 (16112721)   1472.44202 (15110620)   1512.85790 (14110821)
1548.06055 (16110617)
 4215020.6 | 1402.53999 (14012722)   1411.79555 (16112721)   1427.83084 (14112820)   1458.64557 (14110821)
1504.03151 (16110617)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): SPIL1 , LOAD , BREATH , REFILLING , HOSE ,
L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 ,
L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , . . . ,

*** NETWORK ID: UCART1 ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

Y-COORD (METERS)	X-COORD (METERS)				
	539245.17	539265.17	539285.17	539305.17	539325.17
4216000.6	1391.44732 (14122021)	1445.26141 (13010722)	1483.74902 (13110518)	1376.99007 (13110518)	1321.19889 (16011017)
4215980.6	1399.26435 (14122021)	1430.31316 (15011719)	1621.89123 (13110518)	1488.20105 (13110518)	1408.68434 (16011017)
4215960.6	1417.73885 (14122021)	1463.73399 (15011719)	1616.39296 (13110518)	1626.72593 (13110518)	1510.54236 (16011017)
4215940.6	1457.42754 (16011217)	1493.53020 (15011719)	1566.05894 (13110518)	1680.42978 (13110518)	1632.74440 (16011017)
4215920.6	1559.10769 (16011217)	1541.17839 (15011719)	1598.70121 (13110518)	1668.96717 (13110518)	1728.56523 (16011017)
4215900.6	1650.54196 (16011217)	1648.27774 (15011719)	1644.28058 (13010722)	1720.77378 (13110518)	1762.07735 (16011017)
4215880.6	1750.85589 (16011217)	1752.85571 (14122021)	1752.51233 (13010722)	1800.69717 (13110518)	1843.01785 (16011017)
4215860.6	1850.83172 (16011217)	1871.77389 (14122021)	1862.37735 (13010722)	1936.09069 (13110518)	1861.19923 (16011017)
4215840.6	1962.74530 (16120820)	2025.29827 (16011217)	1992.48024 (15011719)	2070.69418 (13110518)	2006.32833 (16011017)
4215820.6	2109.42090 (16011117)	2197.80158 (16011217)	2168.21801 (15011719)	2223.90071 (13110518)	2144.13667 (16011017)
4215800.6	2254.96900 (16011117)	2376.52423 (16011217)	2364.04603 (14122021)	2404.93785 (13110518)	2325.49946 (16011017)
4215780.6	2456.53368 (16010522)	2554.58380 (16011217)	2602.21098 (14122021)	2615.13999 (13110518)	2533.75628 (13110518)
4215760.6	2687.96197 (16011018)	2794.35298 (16011117)	2893.48074 (16011217)	2857.07931 (13110518)	2823.23413 (13110518)
4215740.6	2985.04913 (16011018)	3047.31962 (16011117)	3235.54853 (16011217)	3160.46497 (13010722)	3172.63566 (13110518)
4215720.6	3290.12518 (14121807)	3397.41106 (16010522)	3598.70396 (16011217)	3583.43244 (15011719)	3600.96819 (13110518)
4215700.6	3678.57490 (15011618)	3913.00916 (15120816)	4022.84023 (16011117)	4117.41817 (14122021)	4133.63509 (13110518)
4215680.6	4190.46670 (17011717)	4448.91493 (15120816)	4545.33779 (16010522)	4812.21561 (16011217)	4809.46203 (13110518)
4215660.6	4980.97859 (14121816)	5044.63374 (15011618)	5882.43361 (15120816)	5710.89950 (16011217)	5692.73072 (13110518)
4215640.6	6507.60256 (14121816)	5994.83227 (15011617)	7277.42398 (15120816)	6795.48229 (16011217)	6916.93557 (13110518)
4215620.6	6671.64715 (14121816)	8860.19861 (14121816)	8289.92757 (15120816)	8794.07479 (15120816)	7807.24365 (13110518)
4215600.6	6437.27106 (13111908)	9194.51042 (14121816)	10974.81975 (14121816)	12145.27320 (15120816)	

9795.74258 (14122021)
 4215580.6 | 6707.35307 (14112117)   8061.66240 (13111908) 14034.92917 (14121816) 15597.54251 (15120816)
13269.68116 (14122021)
 4215560.6 | 7599.67729 (15120806)   8909.94396 (17010618) 12041.00182 (14112117) 23531.87352 (14121816)
19991.35792 (14122021)
 4215540.6 | 8126.55324 (14111220) 10427.96079 (15110719) 13948.77981 (15120719) 20626.89820 (15120916)
24109.22036 (15022519)
 4215520.6 | 10696.64587 (14012720) 13268.36810 (14012720) 17673.55515 (14012720) 23124.85116 (16011321)
22753.90913 (16110617)
 4215500.6 | 10712.81416 (16011321) 13345.75728 (13110818) 17195.13813 (16011921) 20991.67569 (15111818)
21738.21113 (16110617)
 4215480.6 | 9641.48386 (16011921) 11547.92109 (15111722) 13532.86736 (14122918) 15565.96324 (14110917)
16795.20567 (16110617)
 4215460.6 | 8376.39615 (13111119)   9592.94826 (13012521) 10910.64310 (15013018) 11923.21309 (13111121)
12765.40920 (16110617)
 4215440.6 | 7187.48839 (13012521)   8042.93516 (15013018)   8927.41712 (14110917)   9531.16811 (14110418)
10194.67136 (16110617)
 4215420.6 | 6194.05977 (15013018)   7015.99995 (14110917)   7339.34764 (13111121)   7783.18077 (16112721)
8116.52016 (16110617)
 4215400.6 | 5561.31136 (14110917)   5742.11425 (13121808)   6280.16179 (14110418)   6565.08199 (14112820)
6676.82967 (15110419)
 4215380.6 | 4835.14438 (14110917)   5092.51237 (13111121)   5352.23356 (14012722)   5721.53961 (16110617)
5695.07458 (15110419)
 4215360.6 | 4192.16377 (15112508)   4543.10426 (14110418)   4682.40598 (16112721)   5035.85525 (16110617)
4919.03283 (15110419)
 4215340.6 | 3812.71716 (13111121)   3956.81491 (14012722)   4161.88798 (14112820)   4411.12301 (16110617)
4295.00695 (17010220)
 4215320.6 | 3498.23484 (14110418)   3567.97311 (14012722)   3734.25884 (14110821)   3860.75703 (16110617)
3802.81426 (17010220)
 4215300.6 | 3120.15710 (15121718)   3242.70249 (16112721)   3421.60131 (16110617)   3373.98970 (16110617)
3393.77564 (17010220)
 4215280.6 | 2868.07275 (14012722)   2962.90548 (14112820)   3153.80419 (16110617)   3006.52537 (15110419)
3065.82025 (16111319)
 4215260.6 | 2637.11734 (16112721)   2730.25247 (14112820)   2890.21564 (16110617)   2771.12761 (15110419)
2795.95131 (15112306)
 4215240.6 | 2436.87987 (16112721)   2520.92186 (14110821)   2635.73257 (16110617)   2559.44752 (15110419)
2568.98064 (15112306)
 4215220.6 | 2262.14103 (14112820)   2370.66186 (16110617)   2396.96650 (16110617)   2369.03479 (15110419)
2371.92599 (15112306)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
               L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
               L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
               L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539245.17   539265.17   539285.17   539305.17
539325.17
 -
- - - - - - - -

 4215200.6 | 2124.78607 (14112820)   2234.67682 (16110617)   2175.73003 (16110617)   2197.33463 (15110419)

2199.28793 (15112306)
 4215180.6 | 1991.63065 (14110821)   2097.29948 (16110617)   1991.40295 (16121208)   2044.60328 (15110419)
2049.69328 (15112306)
 4215160.6 | 1862.23938 (14110821)   1958.78160 (16110617)   1846.54633 (16111218)   1904.46085 (15110419)
1914.21744 (15112306)
 4215140.6 | 1841.25278 (16110617)   1886.38877 (16110617)   1782.20358 (16111218)   1840.97249 (15110419)
1795.34657 (15112306)
 4215120.6 | 1887.07273 (16110617)   1839.56830 (16110617)   1712.07019 (15110419)   1736.31664 (17010220)
1688.58480 (15112306)
 4215100.6 | 1811.48368 (16110617)   1742.07475 (16121208)   1718.53662 (15110419)   1636.97091 (17010220)
1645.33436 (15112306)
 4215080.6 | 1729.79371 (16110617)   1656.17449 (16121208)   1670.71674 (15110419)   1545.64866 (17010220)
1555.91672 (15112306)
 4215060.6 | 1645.31741 (16110617)   1571.00898 (16121208)   1597.55586 (15110419)   1474.48650 (17010220)
1474.49992 (15112306)
 4215040.6 | 1559.66810 (16110617)   1488.04194 (16121208)   1533.25735 (15110419)   1492.93930 (17010220)
1416.63124 (15112306)
 4215020.6 | 1477.64520 (16110617)   1408.00686 (16121208)   1471.72751 (15110419)   1426.12498 (17010220)
1448.92933 (17012706)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539345.17   539365.17   539385.17   539405.17
539425.17
 -
- - - - - - - -

 4216000.6 | 1290.90488 (16010617)   1256.30677 (16010617)   1233.11349 (14120907)   1200.04377 (16012018)
1187.58950 (13121517)
 4215980.6 | 1369.91208 (16010617)   1327.30160 (14120121)   1302.76771 (14120907)   1269.84214 (16012018)
1251.84148 (16110719)
 4215960.6 | 1459.92041 (16010617)   1409.83799 (14120121)   1378.41918 (14120907)   1343.74240 (16012018)
1327.76555 (16110719)
 4215940.6 | 1562.79937 (16010617)   1502.58777 (14120121)   1461.56634 (14120907)   1429.94310 (13121517)
1408.36998 (16110719)
 4215920.6 | 1683.78272 (16010617)   1607.37208 (14120121)   1557.18237 (16011706)   1523.43421 (13121517)
1491.87371 (16110719)
 4215900.6 | 1831.89129 (16010617)   1729.20294 (14120121)   1665.56628 (16011706)   1625.37052 (13121517)
1578.53040 (16110719)
 4215880.6 | 1842.84486 (16010617)   1873.91950 (14120121)   1789.50122 (16011706)   1735.98677 (13121517)
1667.38491 (16110719)
 4215860.6 | 1947.65181 (16010617)   1988.43137 (14120121)   1932.04198 (16011706)   1877.54361 (16110719)
1778.35450 (15112818)
 4215840.6 | 1993.71505 (16010617)   2035.13635 (14120121)   2111.84801 (16012018)   2036.36092 (16110719)
1921.06919 (14012807)
 4215820.6 | 2169.73110 (16010617)   2106.99633 (14113020)   2149.92597 (16012018)   2213.35198 (16110719)
2098.80124 (15111318)
 4215800.6 | 2305.17668 (16010617)   2298.29842 (14120907)   2302.15299 (13121517)   2338.35595 (16110719)

2287.54350 (15111318)
 4215780.6 | 2549.45328 (16010617)   2467.22789 (14120907)   2470.61372 (13121517)   2396.53914 (16122018)
2501.76548 (14120421)
 4215760.6 | 2799.13060 (16010617)   2727.99060 (14120907)   2669.20425 (16110719)   2601.72218 (15111318)
2645.93668 (14120822)
 4215740.6 | 3106.46082 (16010617)   3022.44856 (16011706)   2972.03681 (16110719)   2854.65507 (15111318)
2805.75066 (15112117)
 4215720.6 | 3485.86491 (16010617)   3370.65150 (16011706)   3311.84724 (16110719)   3164.67429 (14120421)
3046.66474 (15112117)
 4215700.6 | 3959.66308 (16010617)   3792.20524 (16012018)   3660.55339 (16110719)   3566.64721 (14120822)
3367.96467 (16120822)
 4215680.6 | 4560.69463 (16010617)   4363.77911 (13121517)   4192.81344 (15111318)   4070.01532 (15112117)
3790.05074 (14122020)
 4215660.6 | 5344.01429 (16010617)   5082.93464 (13121517)   4841.97813 (14120421)   4579.52653 (16120822)
4320.46051 (13111118)
 4215640.6 | 6396.93399 (16010617)   6045.99473 (16110719)   5726.83557 (15112117)   5327.58493 (14122020)
4898.29015 (14120120)
 4215620.6 | 7521.42472 (16110718)   7256.34969 (16110719)   6806.30514 (15112117)   6269.30151 (14120120)
5682.58926 (15010117)
 4215600.6 | 9442.88295 (16110718)   9041.30954 (15111318)   8357.23892 (14122020)   7532.96122 (13111717)
6828.09701 (14110817)
 4215580.6 | 12375.85302 (13121517) 11609.94841 (15112117) 10589.93191 (13111717)   9396.06045 (14110817)
7711.40915 (13011217)
 4215560.6 | 17029.87752 (13112109) 15486.17970 (13111717) 13984.08610 (14110817) 11043.01205 (15010317)
9103.04835 (13110917)
 4215540.6 | 17602.28921 (13110917) 11507.06245 (13122417) 18164.67404 (13110917) 12795.05102 (13120417)
9392.47915 (15012007)
 4215520.6 | 17434.06531 (16032418) 11763.54897 (14021217) 19433.06822 (13111808) 13476.83662 (13111808)
10026.90860 (13111808)
 4215500.6 | 23203.53917 (14110717) 22012.62327 (16032418) 15378.39954 (17011208) 11924.41137 (14021217)
9466.78336 (16012517)
 4215480.6 | 17203.58290 (15012918) 16770.18203 (14110717) 12481.45851 (16032418)   9629.96835 (16112806)
8097.09593 (15110121)
 4215460.6 | 12725.79082 (14110908) 12455.53031 (16110518) 11222.41007 (16122222)   8444.00052 (16111321)
7001.49717 (17010206)
 4215440.6 | 10140.19857 (13112018)   9989.80897 (15012109)   9700.94847 (14110717)   8043.01596 (16122222)
6334.00827 (16111321)
 4215420.6 | 8196.69435 (13112018)   8142.45674 (15012918)   7816.78135 (16110518)   7241.15907 (14110717)
5800.86317 (16122222)
 4215400.6 | 6800.83489 (13112018)   6812.63041 (14110908)   6534.02116 (14110218)   6455.31079 (14110717)
5686.80847 (16122222)
 4215380.6 | 5762.03958 (13112018)   5880.80192 (14110908)   5651.26435 (14110218)   5465.07822 (16110518)
5212.60256 (14110717)
 4215360.6 | 4972.40687 (13112018)   5104.43868 (14110908)   4976.60742 (15012109)   4708.27782 (15011018)
4730.55196 (14110717)
 4215340.6 | 4352.79000 (13112018)   4460.84944 (14110908)   4359.97950 (15012109)   4207.47235 (14110218)
4105.29829 (16110518)
 4215320.6 | 3859.32546 (13111822)   3920.64730 (14110908)   3874.44918 (15012918)   3802.70684 (14110218)
3680.25759 (16110518)
 4215300.6 | 3454.49497 (13111822)   3469.67202 (14110908)   3448.09483 (15012918)   3441.38993 (15012109)
3277.67762 (16110820)
 4215280.6 | 3120.07156 (13111822)   3089.32833 (14110908)   3180.49051 (14110908)   3153.00640 (15012109)
3024.94836 (14110218)
 4215260.6 | 2838.82743 (13111822)   2800.88323 (16121207)   2931.02656 (14110908)   2864.87852 (15012109)
2804.80122 (14110218)
 4215240.6 | 2599.61670 (13111822)   2580.49237 (16121207)   2699.11044 (14110908)   2621.01501 (15012918)
2567.39804 (14110218)
 4215220.6 | 2393.86204 (13111822)   2386.23506 (16121207)   2488.98394 (14110908)   2415.87576 (15012918)
2411.68439 (15012109)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***

```
                                INCLUDING SOURCE(S):     SPIL1       , LOAD        , BREATH      , REFILLING   ,
HOSE        ,
                     L0000423    , L0000424    , L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    ,
                     L0000431    , L0000432    , L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
                     L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539345.17               539365.17               539385.17               539405.17
539425.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4215200.6 |   2215.26274 (13111822)   2215.73227 (16121207)   2298.10831 (14110908)   2220.66290 (15012918)
2253.59981 (15012109)
 4215180.6 |   2057.97058 (13111822)   2064.55109 (16121207)   2124.95103 (14110908)   2078.82535 (14110908)
2092.16822 (15012109)
 4215160.6 |   1922.94971 (13111822)   1930.56656 (13112018)   1968.02431 (14110908)   1970.95824 (14110908)
1943.17602 (15012918)
 4215140.6 |   1801.53642 (13111822)   1814.00467 (13112018)   1825.98399 (14110908)   1865.53916 (14110908)
1827.61584 (15012918)
 4215120.6 |   1692.95394 (13111822)   1711.89145 (13112018)   1697.03251 (14110908)   1764.17180 (14110908)
1713.57501 (15012918)
 4215100.6 |   1595.56728 (13111822)   1617.42750 (13112018)   1581.93092 (14110908)   1667.52911 (14110908)
1603.08905 (15012918)
 4215080.6 |   1507.99781 (13111822)   1531.25824 (13112018)   1475.28123 (14110908)   1577.86975 (14110908)
1505.74505 (14110908)
 4215060.6 |   1471.96505 (13010906)   1502.08574 (13112018)   1445.83640 (16121207)   1491.46442 (14110908)
1452.36925 (14110908)
 4215040.6 |   1415.26205 (13010906)   1431.35492 (13112018)   1382.17694 (16121207)   1410.32179 (14110908)
1396.67259 (14110908)
 4215020.6 |   1417.94720 (13010906)   1375.79921 (13112018)   1322.67412 (16121207)   1334.42819 (14110908)
1341.46611 (14110908)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
   07/15/25
 *** AERMET - VERSION  18081 ***   ***                                                                  ***
  15:15:41

  PAGE 712
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                            *** THE   1ST HIGHEST  1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP:  ALL
***
                                INCLUDING SOURCE(S):     SPIL1       , LOAD        , BREATH      , REFILLING   ,
HOSE        ,
                     L0000423    , L0000424    , L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    ,
                     L0000431    , L0000432    , L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
                     L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                         **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539445.17               539465.17               539485.17               539505.17
539525.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |   1166.97491 (16110719)   1124.61895 (14012807)   1118.86232 (15111318)   1096.80103 (14120822)
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1084.19302 (15112117)
 4215980.6 | 1218.79983 (16110719)   1189.16495 (15111318)   1172.33612 (14120421)   1151.31032 (14120822)
1134.11317 (15112117)
 4215960.6 | 1273.46022 (16122018)   1262.57181 (15111318)   1228.55646 (14120421)   1215.20322 (15112117)
1175.94808 (15112117)
 4215940.6 | 1344.78454 (15112818)   1336.11961 (15111318)   1305.02857 (14120822)   1285.17577 (15112117)
1226.60089 (16120822)
 4215920.6 | 1428.73466 (14012807)   1409.93729 (14120421)   1377.24647 (14120822)   1346.30278 (15112117)
1293.69254 (16120822)
 4215900.6 | 1530.65441 (15111318)   1489.84240 (14120421)   1470.52723 (15112117)   1401.05723 (16120818)
1354.25134 (15120518)
 4215880.6 | 1638.23333 (15111318)   1594.05410 (14120822)   1559.46117 (15112117)   1487.79463 (16120822)
1434.25602 (14122020)
 4215860.6 | 1746.04031 (15111318)   1699.72948 (15112117)   1634.27780 (15112117)   1565.63703 (13122418)
1531.13748 (14122020)
 4215840.6 | 1866.61826 (14120421)   1831.18551 (15112117)   1738.19168 (16120822)   1671.17835 (14122020)
1621.18590 (13111118)
 4215820.6 | 2022.62563 (14120822)   1949.90600 (15112117)   1843.81151 (13122418)   1792.43361 (14122020)
1709.07172 (13111118)
 4215800.6 | 2197.18140 (15112117)   2073.52247 (16120822)   1985.82968 (14122020)   1914.66949 (13111118)
1833.23355 (14120120)
 4215780.6 | 2398.90119 (15112117)   2233.51466 (16120822)   2148.40500 (14122020)   2039.70492 (14120120)
1935.88053 (14112520)
 4215760.6 | 2582.80665 (15112117)   2439.99920 (14122020)   2321.38047 (13111118)   2195.49615 (14120120)
2105.81689 (13111717)
 4215740.6 | 2724.95640 (16120822)   2669.48496 (14122020)   2521.17074 (14120120)   2387.07292 (13111717)
2238.22545 (15010117)
 4215720.6 | 2900.47654 (14122020)   2927.46659 (13111118)   2732.34882 (13111717)   2563.47144 (14120420)
2444.97591 (16110917)
 4215700.6 | 3214.03945 (13111118)   3058.95067 (14120120)   3009.11160 (13111717)   2816.21279 (16110917)
2650.01637 (16110917)
 4215680.6 | 3563.32852 (14120120)   3353.65004 (13111717)   3276.22601 (16110917)   3097.50918 (16110917)
2850.00715 (14110817)
 4215660.6 | 4011.06044 (13111717)   3672.67878 (16110917)   3513.17739 (14110817)   3349.47693 (14110817)
2989.13004 (15112917)
 4215640.6 | 4501.31041 (15010117)   4198.46909 (14110817)   3713.08978 (14110817)   3425.48092 (13122217)
3204.18333 (13011217)
 4215620.6 | 5260.95678 (14110817)   4534.26152 (15120117)   4064.52802 (13011217)   3609.43573 (15010317)
3320.27824 (14120318)
 4215600.6 | 5765.56511 (15112917)   5020.98124 (15010317)   4373.20634 (14120318)   4011.05193 (13110917)
3562.96471 (13110917)
 4215580.6 | 6430.33244 (13112417)   5700.55683 (13110917)   4834.54062 (13110917)   4158.97093 (13122417)
3573.26712 (13120417)
 4215560.6 | 7247.70358 (13122417)   5890.97840 (13120417)   4992.59358 (15012007)   4213.75688 (15012007)
3649.01056 (15012007)
 4215540.6 | 7390.79563 (16120520)   6132.90578 (16120520)   5191.39099 (16120520)   4519.21745 (16120520)
4007.13707 (16120520)
 4215520.6 | 7827.21463 (13111808)   6354.75096 (13111808)   5358.34132 (13111808)   4697.25231 (13111808)
4163.74222 (13111808)
 4215500.6 | 7706.04638 (15111417)   6282.95075 (15111417)   5295.85262 (16012518)   4535.76056 (16012518)
3824.91472 (16012518)
 4215480.6 | 6818.62881 (17011208)   5830.45853 (16012517)   5188.33114 (16012517)   4446.83947 (16012517)
3952.63071 (15111417)
 4215460.6 | 5930.65352 (16112806)   5356.66751 (15110121)   4664.91916 (17011208)   4084.63167 (17011208)
3615.30506 (16012517)
 4215440.6 | 5363.98842 (17010206)   4798.11240 (16112806)   4162.45005 (15110121)   3826.41240 (15110121)
3373.10460 (17011208)
 4215420.6 | 4912.33654 (16111321)   4211.25772 (17010206)   3911.62620 (16112806)   3417.04163 (16112806)
3147.39363 (15110121)
 4215400.6 | 4590.31912 (13112817)   3964.14880 (16111321)   3507.12222 (14012919)   3250.15905 (17010206)
2973.66571 (16112806)
 4215380.6 | 4537.59978 (16122222)   3778.91294 (13112817)   3303.33063 (16110219)   2989.97305 (14012919)
2769.43093 (17010206)
 4215360.6 | 4272.80236 (14013006)   3635.88323 (16122222)   3179.06847 (13112817)   2825.23797 (16110219)
2592.34057 (14012919)
 4215340.6 | 4004.76796 (14110717)   3609.28784 (16122222)   2948.22542 (16111220)   2741.46274 (16111321)
2456.96632 (16110219)
 4215320.6 | 3679.81681 (14110717)   3357.70331 (14013006)   3065.46209 (16111220)   2577.41432 (13112817)
2399.33157 (16111321)

 4215300.6 | 3235.88395 (16110518)   3216.48365 (14110717)   2939.29223 (14013006)   2601.46960 (16111220)
2283.21489 (13112817)
 4215280.6 | 2985.91532 (16110518)   2983.06156 (14110717)   2740.17500 (14110717)   2592.71724 (16111220)
2211.82550 (16111220)
 4215260.6 | 2701.63989 (15011018)   2663.27505 (14110717)   2670.05218 (14110717)   2461.32785 (14013006)
2280.21176 (16111220)
 4215240.6 | 2493.97417 (16110820)   2489.94138 (16110518)   2494.64015 (14110717)   2335.15865 (14110717)
2212.69959 (16111220)
 4215220.6 | 2330.00258 (14110218)   2291.19549 (16110518)   2258.28156 (14110717)   2271.87764 (14110717)
2094.77515 (14013006)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539445.17   539465.17   539485.17   539505.17
539525.17
 -
- - - - - - - -

 4215200.6 | 2197.25199 (14110218)   2105.57292 (16110820)   2122.92243 (16110518)   2134.33445 (14110717)
2025.73122 (14110717)
 4215180.6 | 2048.13770 (14110218)   1998.24228 (16110820)   1986.98800 (16110518)   1951.03643 (14110717)
1968.11863 (14110717)
 4215160.6 | 1923.71765 (15012109)   1880.77816 (14110218)   1844.90834 (15011018)   1839.19763 (16110518)
1856.89235 (14110717)
 4215140.6 | 1831.26743 (15012109)   1791.81607 (14110218)   1735.70039 (16110820)   1743.68854 (16110518)
1711.71540 (14110717)
 4215120.6 | 1730.92116 (15012109)   1691.06209 (14110218)   1653.21442 (16110820)   1631.78355 (15011018)
1615.45407 (16110518)
 4215100.6 | 1627.69989 (15012109)   1583.42262 (14110218)   1565.42973 (14110218)   1526.65344 (15011018)
1547.83946 (16110518)
 4215080.6 | 1524.28210 (15012109)   1523.87327 (15012109)   1503.27672 (14110218)   1466.97217 (16110820)
1460.38664 (16110518)
 4215060.6 | 1452.48856 (15012918)   1460.25562 (15012109)   1431.73187 (14110218)   1403.07257 (16110820)
1378.72282 (15011018)
 4215040.6 | 1379.75274 (15012918)   1391.95039 (15012109)   1353.81058 (14110218)   1334.90458 (14110218)
1307.26967 (16110820)
 4215020.6 | 1309.68096 (15012918)   1320.33780 (15012109)   1293.49312 (15012109)   1289.47504 (14110218)
1265.36526 (16110820)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***

```
                                INCLUDING SOURCE(S):     SPIL1       , LOAD        , BREATH      , REFILLING   ,
HOSE        ,
                L0000423    , L0000424    , L0000425    , L0000426    , L0000427    , L0000428    , L0000429    ,
L0000430    ,
                L0000431    , L0000432    , L0000433    , L0000434    , L0000435    , L0000436    , L0000437    ,
L0000438    ,
                L0000439    , L0000440    , L0000441    , L0000442    , L0000443    , L0000444    , L0000445    ,
. . .       ,

                                *** NETWORK ID: UCART1   ;  NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10    IN MICROGRAMS/M**3                          **

  Y-COORD  |                                              X-COORD (METERS)
  (METERS) |       539545.17               539565.17               539585.17               539605.17
539625.17
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - -

 4216000.6 |   1039.57929 (15112117)   1016.75904 (16120822)    988.15518 (15120518)    977.12958 (14122020)
953.36126 (13111118)
 4215980.6 |   1089.54512 (16120822)   1057.74257 (15120518)   1043.18284 (14122020)   1016.88740 (13111118)
978.07871 (13111118)
 4215960.6 |   1140.03800 (16120822)   1104.74520 (14122020)   1086.29395 (14122020)   1057.91068 (13111118)
1028.98066 (14120120)
 4215940.6 |   1188.38121 (15120518)   1170.14609 (14122020)   1138.14902 (13111118)   1094.73044 (14120120)
1068.74425 (14120120)
 4215920.6 |   1249.57532 (14122020)   1219.44347 (14122020)   1180.77606 (13111118)   1153.50688 (14120120)
1104.37127 (14112520)
 4215900.6 |   1328.64352 (14122020)   1286.15145 (13111118)   1242.22767 (14120120)   1189.48241 (16012020)
1169.37498 (13111717)
 4215880.6 |   1394.26794 (13111118)   1334.57387 (14120120)   1300.76776 (14120120)   1259.06154 (13111717)
1216.78406 (13111717)
 4215860.6 |   1473.00430 (13111118)   1423.89893 (14120120)   1360.86905 (14112520)   1326.98746 (13111717)
1268.50017 (15010117)
 4215840.6 |   1555.54676 (14120120)   1480.29777 (16012020)   1451.20112 (13111717)   1380.54728 (14120420)
1321.49016 (15120622)
 4215820.6 |   1645.91841 (14120120)   1591.23490 (13111717)   1512.71292 (14120420)   1444.19520 (15010117)
1428.68639 (16110917)
 4215800.6 |   1749.53461 (13111717)   1668.47628 (13111717)   1592.68492 (15010117)   1564.95404 (16110917)
1494.04070 (16110917)
 4215780.6 |   1869.19252 (13111717)   1769.53128 (15010117)   1726.01294 (16110917)   1644.12955 (16110917)
1583.10281 (14110817)
 4215760.6 |   1981.43329 (15010117)   1919.09723 (16110917)   1823.44791 (16110917)   1747.42486 (14110817)
1598.07934 (14110817)
 4215740.6 |   2153.07152 (16110917)   2041.18884 (16110917)   1944.26653 (14110817)   1755.81997 (15120117)
1670.99406 (15112917)
 4215720.6 |   2311.08424 (16110917)   2183.31467 (14110817)   1974.75669 (15120117)   1855.96367 (15112917)
1756.94054 (13011217)
 4215700.6 |   2478.50233 (14110817)   2238.88549 (15120117)   2086.04170 (13122217)   1961.58499 (13011217)
1820.38125 (15010317)
 4215680.6 |   2562.91506 (15120117)   2377.45061 (13122217)   2189.87130 (13011217)   2040.63038 (15010317)
1889.01635 (13112417)
 4215660.6 |   2748.08417 (13011217)   2502.96091 (15010317)   2279.27230 (13112417)   2140.04936 (14120318)
2031.22919 (13110917)
 4215640.6 |   2889.69461 (15010317)   2648.30194 (14120318)   2485.28846 (13110917)   2320.26216 (13110917)
2115.28670 (13110917)
 4215620.6 |   3175.93910 (13110917)   2894.73072 (13110917)   2583.85683 (13122417)   2365.54358 (13122417)
2130.82828 (13122417)
 4215600.6 |   3348.43309 (13122417)   2953.78352 (13122417)   2614.84290 (13120417)   2406.50600 (13120417)
2195.71370 (13120417)
 4215580.6 |   3316.78224 (13120417)   3067.81436 (15012007)   2707.58730 (15012007)   2386.17543 (15012007)
2121.05496 (15122322)
 4215560.6 |   3119.55269 (15122322)   3032.29498 (16120520)   2746.37132 (16120520)   2501.46357 (16120520)
2289.24867 (16120520)
 4215540.6 |   3534.82885 (16120520)   3180.24425 (16120520)   2802.91682 (16120520)   2516.89565 (15013106)
2283.63077 (15013106)
 4215520.6 |   3631.95272 (13111808)   3203.27939 (13111808)   2856.72267 (13111808)   2571.63275 (13111808)
2333.04492 (13111808)
```

 4215500.6 | 3362.39067 (13111818)   3002.37200 (13111818)   2698.63229 (13111818)   2442.44059 (13111808)
2240.02377 (13111808)
 4215480.6 | 3509.75092 (15111417)   3112.59382 (15111417)   2771.33991 (16012518)   2485.07398 (16012518)
2233.35946 (16012518)
 4215460.6 | 3314.85401 (16012517)   2992.50445 (16012517)   2673.05523 (16012517)   2467.98521 (15111417)
2278.47992 (15111417)
 4215440.6 | 3083.80268 (17011208)   2756.76079 (14010920)   2512.72124 (16012517)   2364.31720 (16012517)
2195.75258 (16012517)
 4215420.6 | 2924.04165 (15110121)   2599.89129 (15110121)   2430.98100 (17011208)   2233.07460 (17011208)
2037.73013 (14010920)
 4215400.6 | 2549.97310 (16112806)   2495.58627 (15110121)   2338.01569 (15110121)   2115.22743 (15110121)
1976.63039 (17011208)
 4215380.6 | 2585.69543 (16112806)   2319.24697 (16112806)   2091.99918 (15110121)   2046.02516 (15110121)
1930.17642 (15110121)
 4215360.6 | 2384.23575 (17010206)   2252.22826 (16112806)   2093.49383 (16112806)   1851.68540 (16112806)
1760.29592 (15110121)
 4215340.6 | 2278.43520 (14012919)   2071.32699 (17010206)   1993.53206 (17010206)   1883.20734 (16112806)
1719.46545 (16112806)
 4215320.6 | 2165.22858 (16110219)   2024.48871 (14012919)   1814.58985 (17010206)   1782.89234 (17010206)
1693.51968 (16112806)
 4215300.6 | 2124.32132 (16111321)   1929.37235 (16110219)   1815.67246 (14012919)   1640.03461 (14012919)
1600.81149 (17010206)
 4215280.6 | 2037.70321 (13112817)   1899.54390 (16111321)   1736.11788 (16110219)   1643.16414 (14012919)
1503.25830 (14012919)
 4215260.6 | 1888.56611 (16111220)   1831.84504 (13112817)   1713.28955 (16111321)   1574.74417 (16110219)
1497.26626 (14012919)
 4215240.6 | 1999.20508 (16111220)   1723.19196 (13112817)   1657.65581 (13112817)   1556.57860 (16111321)
1438.30217 (16110219)
 4215220.6 | 1998.70640 (16111220)   1753.57068 (16111220)   1581.39711 (13112817)   1509.02495 (13112817)
1423.44269 (16111321)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
               L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
               L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
               L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539545.17   539565.17   539585.17   539605.17
539625.17
 -
- - - - - - - -

 4215200.6 | 1915.17963 (14013006)   1797.10705 (16111220)   1541.08990 (16111220)   1456.73294 (13112817)
1380.98744 (13112817)
 4215180.6 | 1820.04830 (16111418)   1759.00932 (16111220)   1611.79848 (16111220)   1356.30410 (16111220)
1346.33486 (13112817)
 4215160.6 | 1782.33942 (14110717)   1682.49789 (14013006)   1613.93550 (16111220)   1443.33986 (16111220)
1263.42334 (13112817)
 4215140.6 | 1731.43467 (14110717)   1602.76536 (16111418)   1557.29337 (16111220)   1473.85503 (16111220)
1293.94533 (16111220)
 4215120.6 | 1639.77787 (14110717)   1588.50732 (14110717)   1495.80328 (16111418)   1451.28384 (16111220)
1342.09858 (16111220)

 4215100.6 | 1521.36176 (14110717)   1542.29928 (14110717)   1438.32077 (14110717)   1395.03750 (14013006)
1345.70214 (16111220)
 4215080.6 | 1436.60856 (16110518)   1464.79956 (14110717)   1429.06120 (14110717)   1345.38221 (16111418)
1308.33803 (16111220)
 4215060.6 | 1387.63708 (16110518)   1366.14782 (14110717)   1387.09410 (14110717)   1308.02998 (14110717)
1259.10605 (16111418)
 4215040.6 | 1320.60284 (16110518)   1289.26008 (16110518)   1320.62439 (14110717)   1295.56599 (14110717)
1217.75868 (16111418)
 4215020.6 | 1251.75059 (15011018)   1252.90004 (16110518)   1237.11280 (14110717)   1258.19479 (14110717)
1197.36535 (14110717)
 *** AERMOD - VERSION 24142 ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO - ***
   07/15/25
 *** AERMET - VERSION 18081 ***   ***   ***
  15:15:41

  PAGE 716
 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                           *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                               INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
                L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
                L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
                L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

                                *** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

                                     ** CONC OF PM_10   IN MICROGRAMS/M**3   **

  Y-COORD | X-COORD (METERS)
  (METERS) | 539645.17   539665.17   539685.17   539705.17
539725.17
 -
- - - - - - - -

 4216000.6 | 921.66712 (14120120)   902.23406 (14120120)   872.90934 (14112520)   862.95827 (13111717)
829.00366 (14120420)
 4215980.6 | 965.05019 (14120120)   923.47433 (16012020)   916.06071 (13111717)   886.29618 (13111717)
860.14472 (15010117)
 4215960.6 | 990.33030 (16012020)   972.20468 (13111717)   947.80436 (13111717)   915.21167 (14120420)
887.51933 (15010117)
 4215940.6 | 1034.37776 (14112520)   1015.51531 (13111717)   976.45143 (14120420)   947.27449 (15010117)
922.40114 (16110917)
 4215920.6 | 1089.37882 (13111717)   1043.93909 (14120420)   1013.60883 (15010117)   981.33939 (16110917)
981.16408 (16110917)
 4215900.6 | 1119.57266 (13111717)   1087.56803 (15010117)   1048.39705 (15120622)   1048.16916 (16110917)
1010.87160 (16110917)
 4215880.6 | 1172.91367 (15010117)   1127.44085 (15120622)   1123.63412 (16110917)   1081.48853 (16110917)
1054.88946 (14110817)
 4215860.6 | 1217.99613 (15120622)   1211.01091 (16110917)   1163.06061 (16110917)   1132.54367 (14110817)
1083.43121 (14110817)
 4215840.6 | 1311.99303 (16110917)   1257.15299 (16110917)   1221.41627 (14110817)   1160.46634 (14110817)
1075.41804 (15120117)
 4215820.6 | 1366.61457 (16110917)   1324.05523 (14110817)   1248.85671 (14110817)   1164.70532 (15120117)
1121.20939 (15112917)
 4215800.6 | 1443.62669 (14110817)   1350.16835 (14110817)   1267.18617 (15120117)   1212.50856 (15112917)
1161.88837 (13122217)
 4215780.6 | 1465.08450 (14110817)   1383.07304 (15120117)   1314.83583 (15112917)   1260.48105 (13122217)
1206.22687 (13011217)
 4215760.6 | 1515.27611 (15120117)   1434.99921 (13122217)   1375.20014 (13011217)   1297.01732 (13011217)
1237.08595 (15010317)
 4215740.6 | 1585.01283 (13122217)   1504.65954 (13011217)   1407.43495 (15010317)   1344.35676 (15010317)
1260.58375 (14110222)
 4215720.6 | 1643.60545 (13011217)   1554.20029 (15010317)   1453.40119 (14110222)   1383.23523 (13112417)
1321.54741 (14120318)

 4215700.6 | 1706.28789 (15010317)   1602.14776 (13112417)   1523.46528 (14120318)   1462.61703 (13110917)
1410.15565 (13110917)
 4215680.6 | 1786.31140 (14120318)   1705.53582 (13110917)   1632.29874 (13110917)   1532.60062 (13110917)
1415.30281 (13110917)
 4215660.6 | 1923.38466 (13110917)   1782.04546 (13110917)   1647.63251 (13122417)   1549.82672 (13122417)
1438.11045 (13122417)
 4215640.6 | 1954.23112 (13122417)   1802.38744 (13122417)   1641.49362 (13122417)   1522.66987 (13120417)
1451.55939 (13120417)
 4215620.6 | 1936.22683 (13120417)   1818.68424 (13120417)   1695.09459 (13120417)   1580.44428 (15012007)
1472.85670 (15012007)
 4215600.6 | 2010.53347 (15012007)   1831.16626 (15012007)   1662.87298 (15012007)   1525.26964 (15122322)
1407.93303 (15122322)
 4215580.6 | 1902.41635 (15122322)   1754.86090 (16120520)   1660.16132 (16120520)   1572.55338 (16120520)
1489.48009 (16120520)
 4215560.6 | 2102.42536 (16120520)   1938.94349 (16120520)   1792.22691 (16120520)   1664.60993 (16120520)
1549.68123 (16120520)
 4215540.6 | 2086.61156 (15013106)   1915.91068 (15013106)   1768.74073 (15013106)   1641.74833 (15013106)
1529.19339 (15013106)
 4215520.6 | 2131.95349 (13111808)   1958.30097 (13111808)   1808.95790 (13111808)   1680.34832 (13111808)
1566.08180 (13111808)
 4215500.6 | 2063.45633 (13111808)   1909.15243 (13111808)   1774.37303 (13111808)   1655.90946 (13111808)
1550.27708 (13111808)
 4215480.6 | 2012.93550 (16012518)   1819.65865 (16012518)   1652.78513 (13111818)   1552.37916 (13111818)
1461.40055 (13111818)
 4215460.6 | 2097.96511 (15111417)   1929.95254 (15111417)   1776.52108 (16012518)   1645.54084 (16012518)
1524.59676 (16012518)
 4215440.6 | 2020.49562 (16012517)   1847.67666 (16012517)   1736.63212 (15111417)   1638.94385 (15111417)
1542.99621 (15111417)
 4215420.6 | 1881.57482 (16012517)   1799.36189 (16012517)   1702.69763 (16012517)   1597.78405 (16012517)
1490.41868 (16012517)
 4215400.6 | 1855.13037 (17011208)   1715.44085 (14010920)   1588.44895 (14010920)   1480.21220 (16012517)
1431.54107 (16012517)
 4215380.6 | 1768.99556 (15110121)   1644.89671 (17011208)   1569.55097 (17011208)   1474.85134 (17011208)
1379.45678 (14010920)
 4215360.6 | 1720.62885 (15110121)   1631.83442 (15110121)   1510.52752 (15110121)   1395.30333 (17011208)
1347.53635 (17011208)
 4215340.6 | 1511.46811 (16112806)   1509.59471 (15110121)   1475.36066 (15110121)   1405.42613 (15110121)
1311.40283 (15110121)
 4215320.6 | 1587.33018 (16112806)   1433.49934 (16112806)   1310.12350 (15110121)   1313.24182 (15110121)
1283.39323 (15110121)
 4215300.6 | 1524.84268 (17010206)   1459.08976 (16112806)   1348.81955 (16112806)   1209.87351 (16112806)
1156.98734 (15110121)
 4215280.6 | 1442.70904 (17010206)   1398.03752 (17010206)   1338.41098 (16112806)   1261.84907 (16112806)
1155.60216 (16112806)
 4215260.6 | 1385.07215 (14012919)   1304.92959 (17010206)   1282.85402 (17010206)   1225.84110 (16112806)
1176.04535 (16112806)
 4215240.6 | 1372.37750 (14012919)   1281.19242 (14012919)   1184.54005 (17010206)   1178.60469 (17010206)
1133.12081 (17010206)
 4215220.6 | 1321.20049 (16110219)   1265.91711 (16110219)   1190.31686 (14012919)   1079.05481 (17010206)
1085.02778 (17010206)

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

                            *** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL
***
                                INCLUDING SOURCE(S):   SPIL1   , LOAD   , BREATH   , REFILLING   ,
HOSE   ,
               L0000423   , L0000424   , L0000425   , L0000426   , L0000427   , L0000428   , L0000429   ,
L0000430   ,
               L0000431   , L0000432   , L0000433   , L0000434   , L0000435   , L0000436   , L0000437   ,
L0000438   ,
               L0000439   , L0000440   , L0000441   , L0000442   , L0000443   , L0000444   , L0000445   ,
. . .   ,

*** NETWORK ID: UCART1   ; NETWORK TYPE: GRIDCART ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

Y-COORD (METERS)	X-COORD (METERS)				
	539645.17	539665.17	539685.17	539705.17	539725.17
4215200.6	1308.70928 (16111321)	1220.00443 (16110219)	1174.24484 (16110219)	1109.94995 (14012919)	1015.12894 (14012919)
4215180.6	1276.37067 (16111321)	1209.44880 (16111321)	1132.01163 (16110219)	1093.79205 (16110219)	1038.14893 (14012919)
4215160.6	1247.98500 (13112817)	1185.78789 (16111321)	1122.54264 (16111321)	1054.59289 (16110219)	1022.65200 (16110219)
4215140.6	1184.40207 (13112817)	1161.02222 (13112817)	1105.98031 (16111321)	1046.16601 (16111321)	986.27518 (16110219)
4215120.6	1162.30222 (16111220)	1112.16542 (13112817)	1083.56053 (13112817)	1034.75132 (16111321)	978.58182 (16111321)
4215100.6	1222.71176 (16111220)	1045.45006 (16111220)	1046.32398 (13112817)	1013.46791 (13112817)	971.07583 (16111321)
4215080.6	1243.80566 (16111220)	1112.27665 (16111220)	982.37067 (13112817)	985.73654 (13112817)	950.28221 (13112817)
4215060.6	1229.13752 (16111220)	1147.35106 (16111220)	1012.03329 (16111220)	933.22467 (13112817)	930.39644 (13112817)
4215040.6	1184.05721 (14013006)	1149.57806 (16111220)	1056.29551 (16111220)	923.51948 (16111220)	887.15486 (13112817)
4215020.6	1151.12617 (16111418)	1123.38453 (16111220)	1072.21047 (16111220)	972.15077 (16111220)	848.10339 (14112819)

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE   1ST HIGHEST 1-HR AVERAGE CONCENTRATION   VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): SPIL1 , LOAD , BREATH , REFILLING , HOSE ,
L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 ,
L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539341.84	4215428.70	8828.68642	(13112018)	539351.84	4215428.70	8954.68840	(14110908)
539361.84	4215428.70	8852.95142	(15012918)	539371.84	4215428.70	8705.20721	(14110218)
539381.84	4215428.70	8502.64764	(16110518)	539341.84	4215438.70	9871.33989	(13112018)
539351.84	4215438.70	10031.24536	(14110908)	539361.84	4215438.70	9836.29690	(15012918)
539371.84	4215438.70	9584.33866	(14110218)	539381.84	4215438.70	9489.99225	(14110717)
539341.84	4215448.70	11132.98781	(13112018)	539351.84	4215448.70	11197.82200	(14110908)

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        539361.84   4215448.70    10857.98542  (15012109)              539371.84   4215448.70    10790.19118
(16110518)
        539381.84   4215448.70    10685.52525  (14110717)              539341.84   4215458.70    12402.25932
(13112018)
        539351.84   4215458.70    12513.33626  (14110908)              539361.84   4215458.70    12318.70016
(14110218)
        539371.84   4215458.70    12074.20281  (14110717)              539381.84   4215458.70    11376.40723
(14110717)
        539341.84   4215468.70    14208.46494  (13112018)              539351.84   4215468.70    14236.56649
(15012918)
        539361.84   4215468.70    14049.92147  (16110518)              539371.84   4215468.70    13795.31235
(14110717)
        539381.84   4215468.70    12337.99189  (16122222)              539113.88   4215517.52     3762.93454
(14012720)
        539096.52   4215515.99     3439.89046  (14012720)              539108.26   4215501.18     3677.38417
(14010718)
        539096.01   4215500.67     3445.69419  (16012422)              539108.26   4215486.38     3586.66979
(13112022)
        539094.47   4215485.36     3345.88725  (13112022)              539135.32   4215461.36     4011.68856
(13121818)
        539150.13   4215439.91     4086.37916  (16011921)              539114.39   4215452.68     3535.45986
(13110818)
        539123.07   4215439.40     3589.93228  (14012217)              539159.32   4215421.02     4026.90831
(15111722)
        539145.02   4215416.43     3675.03807  (15111722)              539134.30   4215410.81     3432.34627
(15111722)
        539131.75   4215425.11     3463.90529  (16011921)              539206.80   4215383.75     4134.79510
(15013018)
        539215.99   4215372.52     4107.76835  (15013018)              539188.93   4215382.22     3909.04362
(13012521)
        539176.17   4215379.67     3693.51649  (13012521)              539165.44   4215376.09     3461.13996
(13121819)
        539248.79   4215356.71     4200.84895  (13111121)              539243.45   4215348.45     3952.34363
(13111121)
        539265.58   4215345.25     4066.16128  (16110619)              539260.78   4215338.05     3886.43464
(14110418)
        539256.25   4215351.38     4196.10001  (14110418)              539272.77   4215331.92     3856.58535
(16112721)
        539264.78   4215324.99     3657.10543  (14012722)              539280.77   4215321.79     3723.89595
(14112820)
        539279.97   4215307.14     3452.49499  (14110821)              539287.97   4215313.80     3665.88865
(16110617)
        539297.83   4215304.74     3581.16858  (16110617)              539289.56   4215296.21     3416.52221
(16110617)
        539311.15   4215287.68     3179.73611  (15110419)              539303.69   4215281.28     3016.40888
(16121208)
        539303.69   4215296.21     3311.06250  (16110617)              539314.25   4215271.79     2963.29460
(15110419)
        539329.09   4215260.48     2816.57614  (15112306)              539339.69   4215237.16     2535.67304
(17012706)
        539357.36   4215232.92     2544.68325  (13112018)              539394.11   4215199.70     2289.60635
(14110908)
        539044.99   4215579.21     2058.72133  (14111220)              539034.39   4215591.93     1932.37851
(14010720)
        539054.88   4215556.59     2185.58483  (15120817)              539058.42   4215538.92     2193.37032
(14012720)
        539054.88   4215520.55     2708.34515  (14012720)              539082.44   4215477.44     3062.68040
(16011321)
        539073.96   4215466.13     2953.64847  (16011321)              539098.70   4215440.69     3181.37189
(13110818)
        539109.30   4215426.56     3234.81819  (16011921)              539117.07   4215415.96     3103.78478
(16011921)
        539125.55   4215401.11     3234.09560  (15111722)              539158.77   4215367.19     3273.83482
(13012521)
        539150.29   4215357.30     3173.24886  (13012521)              539184.21   4215339.63     3211.27982
(15013018)
        539222.37   4215324.79     3277.17559  (13121808)              539243.58   4215317.72     3438.04721
(14110418)
 *** AERMOD - VERSION 24142  ***   *** C:\LAKES\PROJECT FILES\NOVATO COSTCO - CONSTRUCTION\NOVATO COSTCO -  ***
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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): SPIL1 , LOAD , BREATH , REFILLING , HOSE ,
L0000423 , L0000424 , L0000425 , L0000426 , L0000427 , L0000428 , L0000429 , L0000430 ,
L0000431 , L0000432 , L0000433 , L0000434 , L0000435 , L0000436 , L0000437 , L0000438 ,
L0000439 , L0000440 , L0000441 , L0000442 , L0000443 , L0000444 , L0000445 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
539371.49	4215194.05	2126.83585	(16121207)	539364.42	4215191.93	2149.64836	(16121207)
539344.64	4215200.41	2210.24302	(13111822)	539409.65	4215113.48	1716.99976	(14110908)
539355.94	4215136.80	1807.05059	(13112018)	539262.66	4215288.75	3046.51734	(16112721)
539282.44	4215261.19	2889.34221	(16110617)	539299.41	4215235.04	2454.34721	(15110419)
539168.92	4215647.77	3182.82303	(13111908)	538947.70	4216163.58	770.73016	(17011717)
539352.12	4215798.21	2326.19685	(16010617)	539367.62	4215566.76	13943.38771	(14120120)
539278.26	4215504.64	16616.09238	(13110818)	539297.51	4215494.11	17707.99339	(15111818)
539323.66	4215486.12	18133.17302	(14110821)	539342.55	4215482.85	17900.48387	(15012918)
539367.23	4215481.23	16564.23596	(14110717)	539397.77	4215487.94	11026.01907	(16112806)
539352.73	4215556.41	17113.04153	(14120120)	539337.83	4215546.05	23627.64864	(14120120)
539322.94	4215535.70	20746.46676	(14111519)	539308.05	4215525.35	23691.86635	(14012720)
539293.15	4215514.99	21389.38844	(16011321)	539287.89	4215499.38	17207.50774	(15111722)
539310.58	4215490.12	18361.47934	(14110917)	539354.89	4215482.04	17429.98715	(16110518)
539382.50	4215484.59	13642.71102	(16032418)	539391.74	4215503.70	15441.23758	(15121216)
539385.71	4215519.47	19234.72826	(14021217)	539379.68	4215535.23	20954.95308	(13120417)
539373.65	4215551.00	17928.32956	(14110817)				

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID
BREATH	1ST HIGHEST VALUE IS	848.76149 AT (539325.17, 4215520.65, 9.90, 567.00, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	766.01277 AT (539337.83, 4215546.05, 9.49, 567.00, 1.50)	DC	
	3RD HIGHEST VALUE IS	590.50544 AT (539345.17, 4215540.65, 9.40, 567.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	511.58263 AT (539345.17, 4215520.65, 9.60, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	463.36415 AT (539325.17, 4215560.65, 9.50, 567.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	440.58775 AT (539345.17, 4215560.65, 9.20, 567.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	410.66419 AT (539325.17, 4215500.65, 9.90, 567.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	407.32590 AT (539325.17, 4215540.65, 9.70, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	390.06602 AT (539345.17, 4215500.65, 9.70, 567.00, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	387.16490 AT (539352.73, 4215556.41, 9.17, 567.00, 1.50)	DC	
CAR1	1ST HIGHEST VALUE IS	15.27764 AT (538947.70, 4216163.58, 7.00, 567.00, 1.50)	DC	
	2ND HIGHEST VALUE IS	9.79966 AT (538745.17, 4216000.65, 9.60, 567.00, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	9.61171 AT (538765.17, 4216000.65, 9.30, 567.00, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	9.30176 AT (538785.17, 4216000.65, 9.10, 567.00, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	8.94458 AT (538805.17, 4216000.65, 8.80, 567.00, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	8.54695 AT (538825.17, 4216000.65, 8.80, 567.00, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	8.51373 AT (538745.17, 4215980.65, 9.80, 567.00, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	8.44427 AT (538765.17, 4215980.65, 9.60, 567.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	8.26393 AT (538785.17, 4215980.65, 9.30, 567.00, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	8.14875 AT (538845.17, 4216000.65, 8.80, 567.00, 1.50)	GC	UCART1
CAR2	1ST HIGHEST VALUE IS	41.29970 AT (539485.17, 4215680.65, 7.20, 7.20, 1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	40.30490 AT (539525.17, 4215520.65, 8.20, 8.20, 1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	39.84150 AT (539485.17, 4215560.65, 8.30, 8.30, 1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	39.44205 AT (539485.17, 4215580.65, 8.10, 8.10, 1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	38.76741 AT (539285.17, 4215980.65, 6.10, 6.10, 1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	38.52398 AT (539465.17, 4215600.65, 8.20, 8.20, 1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	37.91770 AT (539345.17, 4215820.65, 6.90, 6.90, 1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	37.31980 AT (539525.17, 4215540.65, 8.00, 8.00, 1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	37.02296 AT (539445.17, 4215540.65, 8.80, 8.80, 1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	36.59603 AT (539465.17, 4215560.65, 8.60, 8.60, 1.50)	GC	UCART1

CAR3	1ST HIGHEST VALUE IS	47.98962	AT (	538945.17,	4215960.65,	8.30,	567.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	43.35096	AT (	539045.17,	4215820.65,	9.50,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	41.86566	AT (	539125.17,	4215720.65,	9.50,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	41.01450	AT (	539005.17,	4215880.65,	9.10,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	40.38125	AT (	538945.17,	4215940.65,	8.50,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	40.05159	AT (	538965.17,	4215940.65,	8.50,	567.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	40.01519	AT (	539025.17,	4215820.65,	9.80,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	39.93901	AT (	538985.17,	4215800.65,	10.00,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	39.39130	AT (	539045.17,	4215720.65,	10.00,	567.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	38.23377	AT (	539145.17,	4215700.65,	9.40,	567.00,	1.50)	GC	UCART1

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
CAR4	1ST HIGHEST VALUE IS 226.84562	AT (539285.17,	4215560.65,	9.60,	567.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS 211.41159	AT (539305.17,	4215540.65,	9.80,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS 178.42671	AT (539305.17,	4215580.65,	9.40,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS 164.67232	AT (539305.17,	4215560.65,	9.60,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS 162.16539	AT (539285.17,	4215620.65,	9.00,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS 153.04655	AT (539325.17,	4215560.65,	9.50,	567.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS 143.11597	AT (539285.17,	4215540.65,	9.80,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS 141.36102	AT (539265.17,	4215540.65,	9.80,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS 131.86326	AT (539305.17,	4215620.65,	9.00,	567.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS 129.23159	AT (539278.26,	4215504.64,	10.12,	567.00,	1.50)	DC	
HOSE	1ST HIGHEST VALUE IS 496.46266	AT (539365.17,	4215500.65,	9.50,	567.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS 462.77211	AT (539345.17,	4215500.65,	9.70,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS 401.92214	AT (539379.68,	4215535.23,	9.03,	567.00,	1.50)	DC	
	4TH HIGHEST VALUE IS 400.20936	AT (539337.83,	4215546.05,	9.49,	567.00,	1.50)	DC	
	5TH HIGHEST VALUE IS 356.23264	AT (539352.73,	4215556.41,	9.17,	567.00,	1.50)	DC	

	6TH HIGHEST VALUE IS	355.49671 AT (	539373.65,	4215551.00,	8.94,	567.00,	1.50)	DC		
	7TH HIGHEST VALUE IS	289.46700 AT (	539365.17,	4215560.65,	9.00,	567.00,	1.50)	GC	UCART1	
	8TH HIGHEST VALUE IS	282.47547 AT (	539385.17,	4215520.65,	9.10,	567.00,	1.50)	GC	UCART1	
	9TH HIGHEST VALUE IS	280.63101 AT (	539385.17,	4215540.65,	8.90,	567.00,	1.50)	GC	UCART1	
	10TH HIGHEST VALUE IS	269.87147 AT (	539385.71,	4215519.47,	9.12,	567.00,	1.50)	DC		
IDLCAR	1ST HIGHEST VALUE IS	1474.73450 AT (	539325.17,	4215520.65,	9.90,	567.00,	1.50)	GC	UCART1	
	2ND HIGHEST VALUE IS	1347.11092 AT (	539325.17,	4215500.65,	9.90,	567.00,	1.50)	GC	UCART1	
	3RD HIGHEST VALUE IS	1331.86767 AT (	539345.17,	4215500.65,	9.70,	567.00,	1.50)	GC	UCART1	
	4TH HIGHEST VALUE IS	1055.86299 AT (	539345.17,	4215520.65,	9.60,	567.00,	1.50)	GC	UCART1	
	5TH HIGHEST VALUE IS	1045.43835 AT (	539305.17,	4215520.65,	10.00,	567.00,	1.50)	GC	UCART1	
	6TH HIGHEST VALUE IS	905.31257 AT (	539322.94,	4215535.70,	9.80,	567.00,	1.50)	DC		
	7TH HIGHEST VALUE IS	903.16694 AT (	539305.17,	4215500.65,	10.00,	567.00,	1.50)	GC	UCART1	
	8TH HIGHEST VALUE IS	888.14915 AT (	539308.05,	4215525.35,	10.00,	567.00,	1.50)	DC		
	9TH HIGHEST VALUE IS	691.56248 AT (	539293.15,	4215514.99,	10.04,	567.00,	1.50)	DC		
	10TH HIGHEST VALUE IS	605.70791 AT (	539325.17,	4215540.65,	9.70,	567.00,	1.50)	GC	UCART1	
IDLTK	1ST HIGHEST VALUE IS	469.99760 AT (	539325.17,	4215520.65,	9.90,	567.00,	1.50)	GC	UCART1	
	2ND HIGHEST VALUE IS	433.33522 AT (	539325.17,	4215500.65,	9.90,	567.00,	1.50)	GC	UCART1	
	3RD HIGHEST VALUE IS	390.73985 AT (	539322.94,	4215535.70,	9.80,	567.00,	1.50)	DC		
	4TH HIGHEST VALUE IS	334.70134 AT (	539325.17,	4215540.65,	9.70,	567.00,	1.50)	GC	UCART1	
	5TH HIGHEST VALUE IS	326.68795 AT (	539345.17,	4215520.65,	9.60,	567.00,	1.50)	GC	UCART1	
	6TH HIGHEST VALUE IS	303.93188 AT (	539345.17,	4215540.65,	9.40,	567.00,	1.50)	GC	UCART1	
	7TH HIGHEST VALUE IS	291.17152 AT (	539337.83,	4215546.05,	9.49,	567.00,	1.50)	DC		
	8TH HIGHEST VALUE IS	290.01843 AT (	539345.17,	4215500.65,	9.70,	567.00,	1.50)	GC	UCART1	
	9TH HIGHEST VALUE IS	289.31820 AT (	539323.66,	4215486.12,	9.94,	567.00,	1.50)	DC		
	10TH HIGHEST VALUE IS	282.89653 AT (	539342.55,	4215482.85,	9.81,	567.00,	1.50)	DC		

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	NETWORK GRID-ID

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LOAD	1ST HIGHEST VALUE IS	612.20982	AT (	539325.17,	4215520.65,	9.90,	567.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	575.13697	AT (	539337.83,	4215546.05,	9.49,	567.00,	1.50)	DC	
	3RD HIGHEST VALUE IS	451.55393	AT (	539345.17,	4215540.65,	9.40,	567.00,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	352.24023	AT (	539345.17,	4215520.65,	9.60,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	332.00521	AT (	539325.17,	4215560.65,	9.50,	567.00,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	325.28806	AT (	539345.17,	4215560.65,	9.20,	567.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	309.54466	AT (	539325.17,	4215540.65,	9.70,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	292.69678	AT (	539352.73,	4215556.41,	9.17,	567.00,	1.50)	DC	
	9TH HIGHEST VALUE IS	289.82928	AT (	539325.17,	4215500.65,	9.90,	567.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	260.64135	AT (	539345.17,	4215500.65,	9.70,	567.00,	1.50)	GC	UCART1
REFILLIN	1ST HIGHEST VALUE IS	496.46056	AT (	539365.17,	4215500.65,	9.50,	567.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	462.78302	AT (	539345.17,	4215500.65,	9.70,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	401.94464	AT (	539379.68,	4215535.23,	9.03,	567.00,	1.50)	DC	
	4TH HIGHEST VALUE IS	400.22827	AT (	539337.83,	4215546.05,	9.49,	567.00,	1.50)	DC	
	5TH HIGHEST VALUE IS	356.24738	AT (	539352.73,	4215556.41,	9.17,	567.00,	1.50)	DC	
	6TH HIGHEST VALUE IS	355.50148	AT (	539373.65,	4215551.00,	8.94,	567.00,	1.50)	DC	
	7TH HIGHEST VALUE IS	289.46943	AT (	539365.17,	4215560.65,	9.00,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	282.50425	AT (	539385.17,	4215520.65,	9.10,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	280.64020	AT (	539385.17,	4215540.65,	8.90,	567.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	269.89850	AT (	539385.71,	4215519.47,	9.12,	567.00,	1.50)	DC	
SPIL1	1ST HIGHEST VALUE IS	514.85437	AT (	539365.17,	4215500.65,	9.50,	567.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	476.51340	AT (	539345.17,	4215500.65,	9.70,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	417.27914	AT (	539379.68,	4215535.23,	9.03,	567.00,	1.50)	DC	
	4TH HIGHEST VALUE IS	411.26454	AT (	539337.83,	4215546.05,	9.49,	567.00,	1.50)	DC	
	5TH HIGHEST VALUE IS	368.14555	AT (	539373.65,	4215551.00,	8.94,	567.00,	1.50)	DC	
	6TH HIGHEST VALUE IS	366.96422	AT (	539352.73,	4215556.41,	9.17,	567.00,	1.50)	DC	
	7TH HIGHEST VALUE IS	298.78297	AT (	539365.17,	4215560.65,	9.00,	567.00,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	290.83233	AT (	539385.17,	4215520.65,	9.10,	567.00,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	288.66779	AT (	539385.17,	4215540.65,	8.90,	567.00,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	277.43985	AT (	539385.71,	4215519.47,	9.12,	567.00,	1.50)	DC	
TK1	1ST HIGHEST VALUE IS	14.66958	AT (	538947.70,	4216163.58,	7.00,	567.00,	1.50)	DC	
	2ND HIGHEST VALUE IS	9.24479	AT (	538745.17,	4216000.65,	9.60,	567.00,	1.50)	GC	UCART1

*** THE SUMMARY OF MAXIMUM PERIOD (43848 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

GROUP ID		AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)					OF TYPE	NETWORK GRID-ID
TK2	1ST HIGHEST VALUE IS	31.57510 AT	(539485.17,	4215580.65,	8.10,	8.10,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	31.12871 AT	(539465.17,	4215600.65,	8.20,	8.20,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	31.01570 AT	(539485.17,	4215560.65,	8.30,	8.30,	1.50)	GC	UCART1
	4TH HIGHEST VALUE IS	30.13635 AT	(539465.17,	4215560.65,	8.60,	8.60,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	29.48634 AT	(539445.17,	4215540.65,	8.80,	8.80,	1.50)	GC	UCART1
	6TH HIGHEST VALUE IS	28.99811 AT	(539405.17,	4215800.65,	6.80,	6.80,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	28.75367 AT	(539445.17,	4215660.65,	7.70,	7.70,	1.50)	GC	UCART1
	8TH HIGHEST VALUE IS	28.59570 AT	(539505.17,	4215580.65,	7.80,	7.80,	1.50)	GC	UCART1
	9TH HIGHEST VALUE IS	28.56565 AT	(539465.17,	4215580.65,	8.40,	8.40,	1.50)	GC	UCART1
	10TH HIGHEST VALUE IS	28.20048 AT	(539505.17,	4215500.65,	8.60,	8.60,	1.50)	GC	UCART1
ALL	1ST HIGHEST VALUE IS	4321.34431 AT	(539325.17,	4215520.65,	9.90,	567.00,	1.50)	GC	UCART1
	2ND HIGHEST VALUE IS	3760.23666 AT	(539345.17,	4215500.65,	9.70,	567.00,	1.50)	GC	UCART1
	3RD HIGHEST VALUE IS	3346.57537 AT	(539337.83,	4215546.05,	9.49,	567.00,	1.50)	DC	
	4TH HIGHEST VALUE IS	3117.95685 AT	(539325.17,	4215500.65,	9.90,	567.00,	1.50)	GC	UCART1
	5TH HIGHEST VALUE IS	2689.16729 AT	(539322.94,	4215535.70,	9.80,	567.00,	1.50)	DC	
	6TH HIGHEST VALUE IS	2563.40490 AT	(539325.17,	4215540.65,	9.70,	567.00,	1.50)	GC	UCART1
	7TH HIGHEST VALUE IS	2456.05728 AT	(539365.17,	4215500.65,	9.50,	567.00,	1.50)	GC	UCART1

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10   IN MICROGRAMS/M**3   **

GROUP ID	NETWORK	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
BREATH	HIGH	1ST HIGH VALUE IS	8560.88566	ON 16060619: AT (539325.17, 4215520.65, 9.90, 567.00, 1.50)	GC	UCART1
CAR1	HIGH	1ST HIGH VALUE IS	132.41219	ON 16111117: AT (538947.70, 4216163.58, 7.00, 567.00, 1.50)	DC	
CAR2	HIGH	1ST HIGH VALUE IS	395.65721	ON 14110717: AT (539525.17, 4215520.65, 8.20, 8.20, 1.50)	GC	UCART1
CAR3	HIGH	1ST HIGH VALUE IS	440.89084	ON 14121816: AT (538885.17, 4215980.65, 8.90, 567.00, 1.50)	GC	UCART1
CAR4	HIGH	1ST HIGH VALUE IS	1663.70397	ON 14121816: AT (539225.17, 4215580.65, 9.60, 567.00, 1.50)	GC	UCART1
HOSE	HIGH	1ST HIGH VALUE IS	6131.32984	ON 14121816: AT (539337.83, 4215546.05, 9.49, 567.00, 1.50)	DC	
IDLCAR	HIGH	1ST HIGH VALUE IS	6797.33030	ON 14111220: AT (539293.15, 4215514.99, 10.04, 567.00, 1.50)	DC	
IDLTK	HIGH	1ST HIGH VALUE IS	6669.27553	ON 16032418: AT (539345.17, 4215500.65, 9.70, 567.00, 1.50)	GC	UCART1
LOAD	HIGH	1ST HIGH VALUE IS	8540.62322	ON 16060619: AT (539325.17, 4215520.65, 9.90, 567.00, 1.50)	GC	UCART1
REFILLIN	HIGH	1ST HIGH VALUE IS	6129.77421	ON 14121816: AT (539337.83, 4215546.05, 9.49, 567.00, 1.50)	DC	
SPIL1	HIGH	1ST HIGH VALUE IS	6458.56129	ON 14121816: AT (539337.83, 4215546.05, 9.49, 567.00, 1.50)	DC	
TK1	HIGH	1ST HIGH VALUE IS	123.53663	ON 16111117: AT (538947.70, 4216163.58, 7.00, 567.00, 1.50)	DC	
TK2	HIGH	1ST HIGH VALUE IS	284.10335	ON 14013006: AT (539545.17, 4215520.65, 7.90, 7.90,		

1.50) GC UCART1

ALL   HIGH   1ST HIGH VALUE IS   24109.22036 ON 15022519: AT (539325.17, 4215540.65,   9.70,   567.00,
1.50) GC UCART1

 *** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR

 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of   0 Fatal Error Message(s)
 A Total of   1 Warning Message(s)
 A Total of   22066 Informational Message(s)

 A Total of   43848 Hours Were Processed

 A Total of   12563 Calm Hours Identified

 A Total of   9503 Missing Hours Identified (21.67 Percent)

 CAUTION!: Number of Missing Hours Exceeds 10 Percent of Total!
            Data May Not Be Acceptable for Regulatory Applications.
            See Section 5.3.2 of "Meteorological Monitoring Guidance
            for Regulatory Modeling Applications" (EPA-454/R-99-005).

    ******** FATAL ERROR MESSAGES ********
               *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W187   2296   MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

    ****
    *** AERMOD Finishes Successfully ***
    ****

Appendix C

HARP2 Results

Construction – Cancer and Chronic Risk

*HARP - HRACalc v21081 7/17/2025 11:56:38 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Cancer_ResHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2501	ALL	1	539341.8	4215429	6.26E-07	0.5YrCance	6.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	2	539351.8	4215429	6.41E-07	0.5YrCance	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	3	539361.8	4215429	6.39E-07	0.5YrCance	6.39E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	4	539371.8	4215429	6.19E-07	0.5YrCance	6.19E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	5	539381.8	4215429	5.83E-07	0.5YrCance	5.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	6	539341.8	4215439	7.81E-07	0.5YrCance	7.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	7	539351.8	4215439	8.00E-07	0.5YrCance	8.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	8	539361.8	4215439	7.94E-07	0.5YrCance	7.94E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	9	539371.8	4215439	7.62E-07	0.5YrCance	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	10	539381.8	4215439	7.09E-07	0.5YrCance	7.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	11	539341.8	4215449	1.00E-06	0.5YrCance	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	12	539351.8	4215449	1.02E-06	0.5YrCance	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	13	539361.8	4215449	1.01E-06	0.5YrCance	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	14	539371.8	4215449	9.64E-07	0.5YrCance	9.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	15	539381.8	4215449	8.81E-07	0.5YrCance	8.81E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	16	539341.8	4215459	1.32E-06	0.5YrCance	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	17	539351.8	4215459	1.36E-06	0.5YrCance	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	18	539361.8	4215459	1.34E-06	0.5YrCance	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519	ALL	19	539371.8	4215459	1.26E-06	0.5YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	20	539381.8	4215459	1.13E-06	0.5YrCance	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	21	539341.8	4215469	1.83E-06	0.5YrCance	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	22	539351.8	4215469	1.89E-06	0.5YrCance	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	23	539361.8	4215469	1.85E-06	0.5YrCance	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	24	539371.8	4215469	1.73E-06	0.5YrCance	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2525	ALL	25	539381.8	4215469	1.51E-06	0.5YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	26	539113.9	4215518	3.84E-08	0.5YrCance	3.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	27	539096.5	4215516	3.22E-08	0.5YrCance	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	28	539108.3	4215501	3.53E-08	0.5YrCance	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	29	539096	4215501	3.14E-08	0.5YrCance	3.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	30	539108.3	4215486	3.48E-08	0.5YrCance	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	31	539094.5	4215485	3.05E-08	0.5YrCance	3.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	32	539135.3	4215461	4.46E-08	0.5YrCance	4.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	33	539150.1	4215440	5.01E-08	0.5YrCance	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	34	539114.4	4215453	3.55E-08	0.5YrCance	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	35	539123.1	4215439	3.78E-08	0.5YrCance	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	36	539159.3	4215421	5.23E-08	0.5YrCance	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	37	539145	4215416	4.45E-08	0.5YrCance	4.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	38	539134.3	4215411	3.94E-08	0.5YrCance	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	39	539131.8	4215425	3.99E-08	0.5YrCance	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	40	539206.8	4215384	7.55E-08	0.5YrCance	7.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	41	539216	4215373	7.91E-08	0.5YrCance	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	42	539188.9	4215382	6.11E-08	0.5YrCance	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543	ALL	43	539176.2	4215380	5.28E-08	0.5YrCance	5.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	44	539165.4	4215376	4.68E-08	0.5YrCance	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	45	539248.8	4215357	1.03E-07	0.5YrCance	1.03E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	46	539243.5	4215348	9.16E-08	0.5YrCance	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	47	539265.6	4215345	1.10E-07	0.5YrCance	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v21081 7/17/2025 11:56:38 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Cancer_ResHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2548	ALL		48	539260.8	4215338	9.93E-08	0.5YrCance	9.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL		49	539256.3	4215351	1.06E-07	0.5YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL		50	539272.8	4215332	1.04E-07	0.5YrCance	1.04E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL		51	539264.8	4215325	9.25E-08	0.5YrCance	9.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL		52	539280.8	4215322	1.01E-07	0.5YrCance	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL		53	539280	4215307	8.87E-08	0.5YrCance	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL		54	539288	4215314	9.81E-08	0.5YrCance	9.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL		55	539297.8	4215305	9.56E-08	0.5YrCance	9.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL		56	539289.6	4215296	8.54E-08	0.5YrCance	8.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL		57	539311.2	4215288	8.74E-08	0.5YrCance	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL		58	539303.7	4215281	8.05E-08	0.5YrCance	8.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL		59	539303.7	4215296	9.12E-08	0.5YrCance	9.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL		60	539314.3	4215272	7.76E-08	0.5YrCance	7.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL		61	539329.1	4215260	7.44E-08	0.5YrCance	7.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL		62	539339.7	4215237	6.41E-08	0.5YrCance	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL		63	539357.4	4215233	6.45E-08	0.5YrCance	6.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL		64	539394.1	4215200	5.34E-08	0.5YrCance	5.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL		65	539045	4215579	2.45E-08	0.5YrCance	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL		66	539034.4	4215592	2.35E-08	0.5YrCance	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL		67	539054.9	4215557	2.48E-08	0.5YrCance	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL		68	539058.4	4215539	2.43E-08	0.5YrCance	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL		69	539054.9	4215521	2.27E-08	0.5YrCance	2.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL		70	539082.4	4215477	2.73E-08	0.5YrCance	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL		71	539074	4215466	2.52E-08	0.5YrCance	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL		72	539098.7	4215441	3.01E-08	0.5YrCance	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL		73	539109.3	4215427	3.24E-08	0.5YrCance	3.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL		74	539117.1	4215416	3.40E-08	0.5YrCance	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575	ALL		75	539125.6	4215401	3.53E-08	0.5YrCance	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL		76	539158.8	4215367	4.24E-08	0.5YrCance	4.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL		77	539150.3	4215357	3.77E-08	0.5YrCance	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL		78	539184.2	4215340	4.82E-08	0.5YrCance	4.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL		79	539222.4	4215325	6.48E-08	0.5YrCance	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL		80	539243.6	4215318	7.46E-08	0.5YrCance	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL		81	539371.5	4215194	5.06E-08	0.5YrCance	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL		82	539364.4	4215192	4.94E-08	0.5YrCance	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL		83	539344.6	4215200	5.04E-08	0.5YrCance	5.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL		84	539409.7	4215113	3.29E-08	0.5YrCance	3.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL		85	539355.9	4215137	3.54E-08	0.5YrCance	3.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL		86	539262.7	4215289	6.98E-08	0.5YrCance	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL		87	539282.4	4215261	6.34E-08	0.5YrCance	6.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL		88	539299.4	4215235	5.62E-08	0.5YrCance	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL		89	539168.5	4215647	1.18E-07	0.5YrCance	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL		90	538949.3	4216163	9.50E-09	0.5YrCance	9.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591	ALL		91	539352	4215797	6.69E-08	0.5YrCance	6.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	Fence		539359	4215583	2.11E-06	0.5YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	Fence		539293.8	4215539	2.56E-06	0.5YrCance	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	Fence		539260.8	4215517	7.02E-07	0.5YrCance	7.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v21081 7/17/2025 11:56:38 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Cancer_ResHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
2595	ALL	Fence	539279.4	4215504	1.26E-06	0.5YrCance	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	Fence	539292.2	4215496	1.78E-06	0.5YrCance	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	Fence	539319	4215487	2.65E-06	0.5YrCance	2.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	Fence	539337.1	4215483	2.81E-06	0.5YrCance	2.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	Fence	539356.1	4215482	2.83E-06	0.5YrCance	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	Fence	539369.9	4215483	2.76E-06	0.5YrCance	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	Fence	539384.7	4215487	2.13E-06	0.5YrCance	2.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	Fence	539391.5	4215491	2.11E-06	0.5YrCance	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	Fence	539342.7	4215572	2.98E-06	0.5YrCance	2.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	Fence	539326.4	4215561	3.09E-06	0.5YrCance	3.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	Fence	539310.1	4215550	3.01E-06	0.5YrCance	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	Fence	539277.3	4215528	1.51E-06	0.5YrCance	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	Fence	539270.1	4215510	9.56E-07	0.5YrCance	9.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	Fence	539305.6	4215491	2.42E-06	0.5YrCance	2.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	Fence	539385	4215509	3.11E-06	0.5YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	Fence	539378.5	4215528	4.12E-06	0.5YrCance	4.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	Fence	539372	4215546	3.51E-06	0.5YrCance	3.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2612	ALL	Fence	539365.5	4215565	3.11E-06	0.5YrCance	3.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

***HARP - HRACalc v21081 7/17/2025 11:55:46 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Chronic_ResHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEE1	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2501	ALL	1	539341.8	4215429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
2502	ALL	2	539351.8	4215429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
2503	ALL	3	539361.8	4215429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
2504	ALL	4	539371.8	4215429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2505	ALL	5	539381.8	4215429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
2506	ALL	6	539341.8	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
2507	ALL	7	539351.8	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
2508	ALL	8	539361.8	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
2509	ALL	9	539371.8	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
2510	ALL	10	539381.8	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
2511	ALL	11	539341.8	4215449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
2512	ALL	12	539351.8	4215449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
2513	ALL	13	539361.8	4215449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
2514	ALL	14	539371.8	4215449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
2515	ALL	15	539381.8	4215449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
2516	ALL	16	539341.8	4215459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
2517	ALL	17	539351.8	4215459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
2518	ALL	18	539361.8	4215459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
2519	ALL	19	539371.8	4215459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
2520	ALL	20	539381.8	4215459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
2521	ALL	21	539341.8	4215469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
2522	ALL	22	539351.8	4215469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
2523	ALL	23	539361.8	4215469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2524	ALL	24	539371.8	4215469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03
2525	ALL	25	539381.8	4215469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03
2526	ALL	26	539113.9	4215518	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05
2527	ALL	27	539096.5	4215516	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-05
2528	ALL	28	539108.3	4215501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05
2529	ALL	29	539096	4215501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-05
2530	ALL	30	539108.3	4215486	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05
2531	ALL	31	539094.5	4215485	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05
2532	ALL	32	539135.3	4215461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
2533	ALL	33	539150.1	4215440	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
2534	ALL	34	539114.4	4215453	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-05
2535	ALL	35	539123.1	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05
2536	ALL	36	539159.3	4215421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
2537	ALL	37	539145	4215416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
2538	ALL	38	539134.3	4215411	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05
2539	ALL	39	539131.8	4215425	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05
2540	ALL	40	539206.8	4215384	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
2541	ALL	41	539216	4215373	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
2542	ALL	42	539188.9	4215382	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
2543	ALL	43	539176.2	4215380	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
2544	ALL	44	539165.4	4215376	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
2545	ALL	45	539248.8	4215357	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
2546	ALL	46	539243.5	4215348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
2547	ALL	47	539265.6	4215345	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
2548	ALL	48	539260.8	4215338	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
2549	ALL	49	539256.3	4215351	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
2550	ALL	50	539272.8	4215332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
2551	ALL	51	539264.8	4215325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
2552	ALL	52	539280.8	4215322	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
2553	ALL	53	539280	4215307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04

***HARP - HRACalc v21081 7/17/2025 11:55:46 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Chronic_ResHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEE1	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2554	ALL	54	539288	4215314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
2555	ALL	55	539297.8	4215305	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
2556	ALL	56	539289.6	4215296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
2557	ALL	57	539311.2	4215288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
2558	ALL	58	539303.7	4215281	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
2559	ALL	59	539303.7	4215296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
2560	ALL	60	539314.3	4215272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
2561	ALL	61	539329.1	4215260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
2562	ALL	62	539339.7	4215237	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
2563	ALL	63	539357.4	4215233	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
2564	ALL	64	539394.1	4215200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
2565	ALL	65	539045	4215579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-05
2566	ALL	66	539034.4	4215592	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05
2567	ALL	67	539054.9	4215557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05
2568	ALL	68	539058.4	4215539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05
2569	ALL	69	539054.9	4215521	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05
2570	ALL	70	539082.4	4215477	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05
2571	ALL	71	539074	4215466	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
2572	ALL	72	539098.7	4215441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05
2573	ALL	73	539109.3	4215427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05
2574	ALL	74	539117.1	4215416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05
2575	ALL	75	539125.6	4215401	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05
2576	ALL	76	539158.8	4215367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
2577	ALL	77	539150.3	4215357	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05
2578	ALL	78	539184.2	4215340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
2579	ALL	79	539222.4	4215325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
2580	ALL	80	539243.6	4215318	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
2581	ALL	81	539371.5	4215194	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
2582	ALL	82	539364.4	4215192	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
2583	ALL	83	539344.6	4215200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
2584	ALL	84	539409.7	4215113	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05
2585	ALL	85	539355.9	4215137	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05
2586	ALL	86	539262.7	4215289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
2587	ALL	87	539282.4	4215261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
2588	ALL	88	539299.4	4215235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
2589	ALL	89	539168.5	4215647	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
2590	ALL	90	538949.3	4216163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
2591	ALL	91	539352	4215797	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
2592	ALL	Fence	539359	4215583	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
2593	ALL	Fence	539293.8	4215539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-03
2594	ALL	Fence	539260.8	4215517	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
2595	ALL	Fence	539279.4	4215504	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
2596	ALL	Fence	539292.2	4215496	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03
2597	ALL	Fence	539319	4215487	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-03
2598	ALL	Fence	539337.1	4215483	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-03
2599	ALL	Fence	539356.1	4215482	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03
2600	ALL	Fence	539369.9	4215483	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03
2601	ALL	Fence	539384.7	4215487	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-03
2602	ALL	Fence	539391.5	4215491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
2603	ALL	Fence	539342.7	4215572	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-03
2604	ALL	Fence	539326.4	4215561	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-03
2605	ALL	Fence	539310.1	4215550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-03
2606	ALL	Fence	539277.3	4215528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03

***HARP - HRACalc v21081 7/17/2025 11:55:46 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Chronic_ResHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2607	ALL	Fence	539270.1	4215510	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
2608	ALL	Fence	539305.6	4215491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03
2609	ALL	Fence	539385	4215509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03
2610	ALL	Fence	539378.5	4215528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
2611	ALL	Fence	539372	4215546	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-03
2612	ALL	Fence	539365.5	4215565	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03

*HARP - HRACalc v21081 7/24/2025 5:53:42 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Cancer_WkrHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
2501	ALL	1	539341.8	4215429	3.82E-08	0.5YrCance	3.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	2	539351.8	4215429	3.92E-08	0.5YrCance	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	3	539361.8	4215429	3.90E-08	0.5YrCance	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	4	539371.8	4215429	3.78E-08	0.5YrCance	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	5	539381.8	4215429	3.56E-08	0.5YrCance	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	6	539341.8	4215439	4.77E-08	0.5YrCance	4.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	7	539351.8	4215439	4.89E-08	0.5YrCance	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	8	539361.8	4215439	4.85E-08	0.5YrCance	4.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	9	539371.8	4215439	4.66E-08	0.5YrCance	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	10	539381.8	4215439	4.33E-08	0.5YrCance	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	11	539341.8	4215449	6.10E-08	0.5YrCance	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	12	539351.8	4215449	6.25E-08	0.5YrCance	6.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	13	539361.8	4215449	6.18E-08	0.5YrCance	6.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	14	539371.8	4215449	5.88E-08	0.5YrCance	5.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	15	539381.8	4215449	5.38E-08	0.5YrCance	5.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	16	539341.8	4215459	8.08E-08	0.5YrCance	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	17	539351.8	4215459	8.29E-08	0.5YrCance	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	18	539361.8	4215459	8.17E-08	0.5YrCance	8.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519	ALL	19	539371.8	4215459	7.69E-08	0.5YrCance	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	20	539381.8	4215459	6.89E-08	0.5YrCance	6.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	21	539341.8	4215469	1.12E-07	0.5YrCance	1.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	22	539351.8	4215469	1.15E-07	0.5YrCance	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	23	539361.8	4215469	1.13E-07	0.5YrCance	1.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	24	539371.8	4215469	1.06E-07	0.5YrCance	1.06E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2525	ALL	25	539381.8	4215469	9.20E-08	0.5YrCance	9.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	26	539113.9	4215518	2.34E-09	0.5YrCance	2.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	27	539096.5	4215516	1.97E-09	0.5YrCance	1.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	28	539108.3	4215501	2.16E-09	0.5YrCance	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	29	539096	4215501	1.91E-09	0.5YrCance	1.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	30	539108.3	4215486	2.12E-09	0.5YrCance	2.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	31	539094.5	4215485	1.86E-09	0.5YrCance	1.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	32	539135.3	4215461	2.72E-09	0.5YrCance	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	33	539150.1	4215440	3.06E-09	0.5YrCance	3.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	34	539114.4	4215453	2.17E-09	0.5YrCance	2.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	35	539123.1	4215439	2.31E-09	0.5YrCance	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	36	539159.3	4215421	3.20E-09	0.5YrCance	3.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	37	539145	4215416	2.72E-09	0.5YrCance	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	38	539134.3	4215411	2.41E-09	0.5YrCance	2.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	39	539131.8	4215425	2.44E-09	0.5YrCance	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	40	539206.8	4215384	4.61E-09	0.5YrCance	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	41	539216	4215373	4.83E-09	0.5YrCance	4.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	42	539188.9	4215382	3.73E-09	0.5YrCance	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543	ALL	43	539176.2	4215380	3.23E-09	0.5YrCance	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	44	539165.4	4215376	2.86E-09	0.5YrCance	2.86E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	45	539248.8	4215357	6.26E-09	0.5YrCance	6.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	46	539243.5	4215348	5.59E-09	0.5YrCance	5.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	47	539265.6	4215345	6.69E-09	0.5YrCance	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v21081 7/24/2025 5:53:42 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Cancer_WkrHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
2548	ALL		48	539260.8	4215338	6.06E-09	0.5YrCance	6.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL		49	539256.3	4215351	6.47E-09	0.5YrCance	6.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL		50	539272.8	4215332	6.34E-09	0.5YrCance	6.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL		51	539264.8	4215325	5.65E-09	0.5YrCance	5.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL		52	539280.8	4215322	6.14E-09	0.5YrCance	6.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL		53	539280	4215307	5.41E-09	0.5YrCance	5.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL		54	539288	4215314	5.99E-09	0.5YrCance	5.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL		55	539297.8	4215305	5.83E-09	0.5YrCance	5.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL		56	539289.6	4215296	5.21E-09	0.5YrCance	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL		57	539311.2	4215288	5.34E-09	0.5YrCance	5.34E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL		58	539303.7	4215281	4.92E-09	0.5YrCance	4.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL		59	539303.7	4215296	5.57E-09	0.5YrCance	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL		60	539314.3	4215272	4.74E-09	0.5YrCance	4.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL		61	539329.1	4215260	4.54E-09	0.5YrCance	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL		62	539339.7	4215237	3.92E-09	0.5YrCance	3.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL		63	539357.4	4215233	3.94E-09	0.5YrCance	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL		64	539394.1	4215200	3.26E-09	0.5YrCance	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL		65	539045	4215579	1.50E-09	0.5YrCance	1.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL		66	539034.4	4215592	1.44E-09	0.5YrCance	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL		67	539054.9	4215557	1.51E-09	0.5YrCance	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL		68	539058.4	4215539	1.48E-09	0.5YrCance	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL		69	539054.9	4215521	1.39E-09	0.5YrCance	1.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL		70	539082.4	4215477	1.67E-09	0.5YrCance	1.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL		71	539074	4215466	1.54E-09	0.5YrCance	1.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL		72	539098.7	4215441	1.84E-09	0.5YrCance	1.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL		73	539109.3	4215427	1.98E-09	0.5YrCance	1.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL		74	539117.1	4215416	2.07E-09	0.5YrCance	2.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575	ALL		75	539125.6	4215401	2.16E-09	0.5YrCance	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL		76	539158.8	4215367	2.59E-09	0.5YrCance	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL		77	539150.3	4215357	2.30E-09	0.5YrCance	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL		78	539184.2	4215340	2.94E-09	0.5YrCance	2.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL		79	539222.4	4215325	3.96E-09	0.5YrCance	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL		80	539243.6	4215318	4.55E-09	0.5YrCance	4.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL		81	539371.5	4215194	3.09E-09	0.5YrCance	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL		82	539364.4	4215192	3.02E-09	0.5YrCance	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL		83	539344.6	4215200	3.08E-09	0.5YrCance	3.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL		84	539409.7	4215113	2.01E-09	0.5YrCance	2.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL		85	539355.9	4215137	2.16E-09	0.5YrCance	2.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL		86	539262.7	4215289	4.26E-09	0.5YrCance	4.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL		87	539282.4	4215261	3.87E-09	0.5YrCance	3.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL		88	539299.4	4215235	3.43E-09	0.5YrCance	3.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL		89	539168.5	4215647	7.19E-09	0.5YrCance	7.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL		90	538949.3	4216163	5.80E-10	0.5YrCance	5.80E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591	ALL		91	539352	4215797	4.08E-09	0.5YrCance	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	Fence		539359	4215583	1.29E-07	0.5YrCance	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	Fence		539293.8	4215539	1.56E-07	0.5YrCance	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	Fence		539260.8	4215517	4.28E-08	0.5YrCance	4.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v21081 7/24/2025 5:53:42 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Cancer_WkrHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
2595	ALL	Fence	539279.4	4215504	7.69E-08	0.5YrCance	7.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	Fence	539292.2	4215496	1.09E-07	0.5YrCance	1.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	Fence	539319	4215487	1.62E-07	0.5YrCance	1.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	Fence	539337.1	4215483	1.71E-07	0.5YrCance	1.71E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	Fence	539356.1	4215482	1.73E-07	0.5YrCance	1.73E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	Fence	539369.9	4215483	1.69E-07	0.5YrCance	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	Fence	539384.7	4215487	1.30E-07	0.5YrCance	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	Fence	539391.5	4215491	1.29E-07	0.5YrCance	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	Fence	539342.7	4215572	1.82E-07	0.5YrCance	1.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	Fence	539326.4	4215561	1.89E-07	0.5YrCance	1.89E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	Fence	539310.1	4215550	1.84E-07	0.5YrCance	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	Fence	539277.3	4215528	9.24E-08	0.5YrCance	9.24E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	Fence	539270.1	4215510	5.84E-08	0.5YrCance	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	Fence	539305.6	4215491	1.48E-07	0.5YrCance	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	Fence	539385	4215509	1.90E-07	0.5YrCance	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	Fence	539378.5	4215528	2.52E-07	0.5YrCance	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	Fence	539372	4215546	2.14E-07	0.5YrCance	2.14E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2612	ALL	Fence	539365.5	4215565	1.90E-07	0.5YrCance	1.90E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v21081 7/24/2025 5:52:29 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Chronic_WkrHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2501	ALL	1	539341.8	4215429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
2502	ALL	2	539351.8	4215429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
2503	ALL	3	539361.8	4215429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
2504	ALL	4	539371.8	4215429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
2505	ALL	5	539381.8	4215429	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
2506	ALL	6	539341.8	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
2507	ALL	7	539351.8	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
2508	ALL	8	539361.8	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
2509	ALL	9	539371.8	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
2510	ALL	10	539381.8	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-03
2511	ALL	11	539341.8	4215449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
2512	ALL	12	539351.8	4215449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
2513	ALL	13	539361.8	4215449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
2514	ALL	14	539371.8	4215449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
2515	ALL	15	539381.8	4215449	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-03
2516	ALL	16	539341.8	4215459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
2517	ALL	17	539351.8	4215459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-03
2518	ALL	18	539361.8	4215459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-03
2519	ALL	19	539371.8	4215459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
2520	ALL	20	539381.8	4215459	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
2521	ALL	21	539341.8	4215469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-03
2522	ALL	22	539351.8	4215469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-03
2523	ALL	23	539361.8	4215469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-03
2524	ALL	24	539371.8	4215469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-03
2525	ALL	25	539381.8	4215469	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03
2526	ALL	26	539113.9	4215518	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.35E-05
2527	ALL	27	539096.5	4215516	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-05
2528	ALL	28	539108.3	4215501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-05
2529	ALL	29	539096	4215501	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-05
2530	ALL	30	539108.3	4215486	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-05
2531	ALL	31	539094.5	4215485	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.43E-05
2532	ALL	32	539135.3	4215461	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
2533	ALL	33	539150.1	4215440	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-04
2534	ALL	34	539114.4	4215453	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-05
2535	ALL	35	539123.1	4215439	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05
2536	ALL	36	539159.3	4215421	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
2537	ALL	37	539145	4215416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-04
2538	ALL	38	539134.3	4215411	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.60E-05
2539	ALL	39	539131.8	4215425	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05
2540	ALL	40	539206.8	4215384	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
2541	ALL	41	539216	4215373	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
2542	ALL	42	539188.9	4215382	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
2543	ALL	43	539176.2	4215380	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
2544	ALL	44	539165.4	4215376	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
2545	ALL	45	539248.8	4215357	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
2546	ALL	46	539243.5	4215348	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-04
2547	ALL	47	539265.6	4215345	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
2548	ALL	48	539260.8	4215338	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
2549	ALL	49	539256.3	4215351	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04
2550	ALL	50	539272.8	4215332	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
2551	ALL	51	539264.8	4215325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-04
2552	ALL	52	539280.8	4215322	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
2553	ALL	53	539280	4215307	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04

*HARP - HRACalc v21081 7/24/2025 5:52:29 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Chronic_WkrHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2554	ALL	54	539288	4215314	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
2555	ALL	55	539297.8	4215305	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-04
2556	ALL	56	539289.6	4215296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
2557	ALL	57	539311.2	4215288	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
2558	ALL	58	539303.7	4215281	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
2559	ALL	59	539303.7	4215296	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
2560	ALL	60	539314.3	4215272	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-04
2561	ALL	61	539329.1	4215260	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-04
2562	ALL	62	539339.7	4215237	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-04
2563	ALL	63	539357.4	4215233	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-04
2564	ALL	64	539394.1	4215200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-04
2565	ALL	65	539045	4215579	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-05
2566	ALL	66	539034.4	4215592	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-05
2567	ALL	67	539054.9	4215557	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-05
2568	ALL	68	539058.4	4215539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05
2569	ALL	69	539054.9	4215521	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-05
2570	ALL	70	539082.4	4215477	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.64E-05
2571	ALL	71	539074	4215466	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-05
2572	ALL	72	539098.7	4215441	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-05
2573	ALL	73	539109.3	4215427	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05
2574	ALL	74	539117.1	4215416	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05
2575	ALL	75	539125.6	4215401	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05
2576	ALL	76	539158.8	4215367	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-04
2577	ALL	77	539150.3	4215357	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05
2578	ALL	78	539184.2	4215340	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-04
2579	ALL	79	539222.4	4215325	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-04
2580	ALL	80	539243.6	4215318	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
2581	ALL	81	539371.5	4215194	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
2582	ALL	82	539364.4	4215192	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
2583	ALL	83	539344.6	4215200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-04
2584	ALL	84	539409.7	4215113	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-05
2585	ALL	85	539355.9	4215137	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05
2586	ALL	86	539262.7	4215289	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-04
2587	ALL	87	539282.4	4215261	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-04
2588	ALL	88	539299.4	4215235	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
2589	ALL	89	539168.5	4215647	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
2590	ALL	90	538949.3	4216163	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-05
2591	ALL	91	539352	4215797	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-04
2592	ALL	Fence	539359	4215583	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
2593	ALL	Fence	539293.8	4215539	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-03
2594	ALL	Fence	539260.8	4215517	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
2595	ALL	Fence	539279.4	4215504	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-03
2596	ALL	Fence	539292.2	4215496	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-03
2597	ALL	Fence	539319	4215487	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-03
2598	ALL	Fence	539337.1	4215483	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-03
2599	ALL	Fence	539356.1	4215482	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.89E-03
2600	ALL	Fence	539369.9	4215483	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-03
2601	ALL	Fence	539384.7	4215487	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-03
2602	ALL	Fence	539391.5	4215491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
2603	ALL	Fence	539342.7	4215572	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-03
2604	ALL	Fence	539326.4	4215561	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-03
2605	ALL	Fence	539310.1	4215550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-03
2606	ALL	Fence	539277.3	4215528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03

*HARP - HRACalc v21081 7/24/2025 5:52:29 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Chronic_WkrHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2607	ALL	Fence	539270.1	4215510	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
2608	ALL	Fence	539305.6	4215491	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03
2609	ALL	Fence	539385	4215509	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03
2610	ALL	Fence	539378.5	4215528	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-02
2611	ALL	Fence	539372	4215546	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-03
2612	ALL	Fence	539365.5	4215565	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.57E-03

Operational – Cancer, Chronic, Acute Risk

*HARP - HRACalc v21081 7/17/2025 11:48:35 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Cancer_ResHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2501	ALL	1	539341.8	4215429	8.79E-06	30YrCancer	8.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	2	539351.8	4215429	9.29E-06	30YrCancer	9.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	3	539361.8	4215429	9.43E-06	30YrCancer	9.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	4	539371.8	4215429	9.15E-06	30YrCancer	9.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	5	539381.8	4215429	8.51E-06	30YrCancer	8.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	6	539341.8	4215439	1.06E-05	30YrCancer	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	7	539351.8	4215439	1.12E-05	30YrCancer	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	8	539361.8	4215439	1.13E-05	30YrCancer	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	9	539371.8	4215439	1.09E-05	30YrCancer	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	10	539381.8	4215439	9.91E-06	30YrCancer	9.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	11	539341.8	4215449	1.30E-05	30YrCancer	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	12	539351.8	4215449	1.38E-05	30YrCancer	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	13	539361.8	4215449	1.39E-05	30YrCancer	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	14	539371.8	4215449	1.31E-05	30YrCancer	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	15	539381.8	4215449	1.17E-05	30YrCancer	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	16	539341.8	4215459	1.63E-05	30YrCancer	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	17	539351.8	4215459	1.75E-05	30YrCancer	1.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	18	539361.8	4215459	1.74E-05	30YrCancer	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519	ALL	19	539371.8	4215459	1.60E-05	30YrCancer	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	20	539381.8	4215459	1.37E-05	30YrCancer	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	21	539341.8	4215469	2.10E-05	30YrCancer	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	22	539351.8	4215469	2.28E-05	30YrCancer	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	23	539361.8	4215469	2.25E-05	30YrCancer	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	24	539371.8	4215469	2.00E-05	30YrCancer	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2525	ALL	25	539381.8	4215469	1.64E-05	30YrCancer	1.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	26	539113.9	4215518	7.51E-07	30YrCancer	7.51E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	27	539096.5	4215516	6.57E-07	30YrCancer	6.57E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	28	539108.3	4215501	7.12E-07	30YrCancer	7.12E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	29	539096	4215501	6.49E-07	30YrCancer	6.49E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	30	539108.3	4215486	7.00E-07	30YrCancer	7.00E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	31	539094.5	4215485	6.33E-07	30YrCancer	6.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	32	539135.3	4215461	8.18E-07	30YrCancer	8.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	33	539150.1	4215440	8.58E-07	30YrCancer	8.58E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	34	539114.4	4215453	6.82E-07	30YrCancer	6.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	35	539123.1	4215439	6.98E-07	30YrCancer	6.98E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	36	539159.3	4215421	8.64E-07	30YrCancer	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	37	539145	4215416	7.62E-07	30YrCancer	7.62E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	38	539134.3	4215411	6.92E-07	30YrCancer	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	39	539131.8	4215425	7.11E-07	30YrCancer	7.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	40	539206.8	4215384	1.08E-06	30YrCancer	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	41	539216	4215373	1.11E-06	30YrCancer	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	42	539188.9	4215382	9.25E-07	30YrCancer	9.25E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543	ALL	43	539176.2	4215380	8.31E-07	30YrCancer	8.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	44	539165.4	4215376	7.59E-07	30YrCancer	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	45	539248.8	4215357	1.42E-06	30YrCancer	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	46	539243.5	4215348	1.29E-06	30YrCancer	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	47	539265.6	4215345	1.59E-06	30YrCancer	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v21081 7/17/2025 11:48:35 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Cancer_ResHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2548	ALL		48 539260.8	4215338	1.46E-06	30YrCancer	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL		49 539256.3	4215351	1.50E-06	30YrCancer	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL		50 539272.8	4215332	1.58E-06	30YrCancer	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL		51 539264.8	4215325	1.41E-06	30YrCancer	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL		52 539280.8	4215322	1.59E-06	30YrCancer	1.59E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL		53 539280	4215307	1.44E-06	30YrCancer	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL		54 539288	4215314	1.60E-06	30YrCancer	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL		55 539297.8	4215305	1.61E-06	30YrCancer	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL		56 539289.6	4215296	1.44E-06	30YrCancer	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL		57 539311.2	4215288	1.55E-06	30YrCancer	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL		58 539303.7	4215281	1.42E-06	30YrCancer	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL		59 539303.7	4215296	1.57E-06	30YrCancer	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL		60 539314.3	4215272	1.41E-06	30YrCancer	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL		61 539329.1	4215260	1.40E-06	30YrCancer	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL		62 539339.7	4215237	1.26E-06	30YrCancer	1.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL		63 539357.4	4215233	1.29E-06	30YrCancer	1.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL		64 539394.1	4215200	1.11E-06	30YrCancer	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL		65 539045	4215579	4.72E-07	30YrCancer	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL		66 539034.4	4215592	4.44E-07	30YrCancer	4.44E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL		67 539054.9	4215557	4.99E-07	30YrCancer	4.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL		68 539058.4	4215539	5.09E-07	30YrCancer	5.09E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL		69 539054.9	4215521	4.97E-07	30YrCancer	4.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL		70 539082.4	4215477	5.77E-07	30YrCancer	5.77E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL		71 539074	4215466	5.37E-07	30YrCancer	5.37E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL		72 539098.7	4215441	5.93E-07	30YrCancer	5.93E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL		73 539109.3	4215427	6.11E-07	30YrCancer	6.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL		74 539117.1	4215416	6.24E-07	30YrCancer	6.24E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575	ALL		75 539125.6	4215401	6.32E-07	30YrCancer	6.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL		76 539158.8	4215367	6.99E-07	30YrCancer	6.99E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL		77 539150.3	4215357	6.31E-07	30YrCancer	6.31E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL		78 539184.2	4215340	7.42E-07	30YrCancer	7.42E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL		79 539222.4	4215325	9.53E-07	30YrCancer	9.53E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL		80 539243.6	4215318	1.12E-06	30YrCancer	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL		81 539371.5	4215194	1.05E-06	30YrCancer	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL		82 539364.4	4215192	1.03E-06	30YrCancer	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL		83 539344.6	4215200	1.03E-06	30YrCancer	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL		84 539409.7	4215113	7.28E-07	30YrCancer	7.28E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL		85 539355.9	4215137	7.65E-07	30YrCancer	7.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL		86 539262.7	4215289	1.14E-06	30YrCancer	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL		87 539282.4	4215261	1.12E-06	30YrCancer	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL		88 539299.4	4215235	1.05E-06	30YrCancer	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL		89 539168.9	4215648	1.24E-06	30YrCancer	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL		90 538947.7	4216164	1.70E-07	30YrCancer	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591	ALL		91 539352.1	4215798	1.15E-06	30YrCancer	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	Fence	539367.6	4215567	3.00E-05	30YrCancer	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	Fence	539278.3	4215505	7.58E-06	30YrCancer	7.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	Fence	539297.5	4215494	1.29E-05	30YrCancer	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

***HARP - HRACalc v21081 7/17/2025 11:48:35 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Cancer_ResHRAInput.hra**

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_R	EGG_RISK
2595	ALL	Fence	539323.7	4215486	2.37E-05	30YrCancer	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	Fence	539342.6	4215483	3.28E-05	30YrCancer	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	Fence	539367.2	4215481	3.00E-05	30YrCancer	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	Fence	539397.8	4215488	1.33E-05	30YrCancer	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	Fence	539352.7	4215556	4.94E-05	30YrCancer	4.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	Fence	539337.8	4215546	6.48E-05	30YrCancer	6.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	Fence	539322.9	4215536	4.22E-05	30YrCancer	4.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	Fence	539308.1	4215525	2.97E-05	30YrCancer	2.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	Fence	539293.2	4215515	1.81E-05	30YrCancer	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	Fence	539287.9	4215499	1.01E-05	30YrCancer	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	Fence	539310.6	4215490	1.82E-05	30YrCancer	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	Fence	539354.9	4215482	3.50E-05	30YrCancer	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	Fence	539382.5	4215485	2.13E-05	30YrCancer	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	Fence	539391.7	4215504	1.99E-05	30YrCancer	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	Fence	539385.7	4215519	3.28E-05	30YrCancer	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	Fence	539379.7	4215535	4.84E-05	30YrCancer	4.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	Fence	539373.7	4215551	4.43E-05	30YrCancer	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v21081 7/17/2025 11:49:20 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Chronic_ResHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2501	ALL	1	539341.8	4215429	NonCancer	0.00E+00	7.58E-04	0.00E+00	5.27E-05	5.27E-05	5.31E-04	2.44E-03	0.00E+00	1.91E-03	0.00E+00	5.27E-05	3.20E-02	0.00E+00	0.00E+00	3.20E-02
2502	ALL	2	539351.8	4215429	NonCancer	0.00E+00	8.27E-04	0.00E+00	5.71E-05	5.71E-05	5.15E-04	2.63E-03	0.00E+00	2.07E-03	0.00E+00	5.71E-05	3.38E-02	0.00E+00	0.00E+00	3.38E-02
2503	ALL	3	539361.8	4215429	NonCancer	0.00E+00	8.62E-04	0.00E+00	5.93E-05	5.93E-05	4.75E-04	2.71E-03	0.00E+00	2.15E-03	0.00E+00	5.93E-05	3.43E-02	0.00E+00	0.00E+00	3.43E-02
2504	ALL	4	539371.8	4215429	NonCancer	0.00E+00	8.57E-04	0.00E+00	5.87E-05	5.87E-05	4.17E-04	2.66E-03	0.00E+00	2.13E-03	0.00E+00	5.87E-05	3.33E-02	0.00E+00	0.00E+00	3.33E-02
2505	ALL	5	539381.8	4215429	NonCancer	0.00E+00	8.11E-04	0.00E+00	5.54E-05	5.54E-05	3.53E-04	2.50E-03	0.00E+00	2.01E-03	0.00E+00	5.54E-05	3.10E-02	0.00E+00	0.00E+00	3.10E-02
2506	ALL	6	539341.8	4215439	NonCancer	0.00E+00	9.11E-04	0.00E+00	6.34E-05	6.34E-05	6.55E-04	2.94E-03	0.00E+00	2.29E-03	0.00E+00	6.34E-05	3.85E-02	0.00E+00	0.00E+00	3.85E-02
2507	ALL	7	539351.8	4215439	NonCancer	0.00E+00	1.00E-03	0.00E+00	6.94E-05	6.94E-05	6.28E-04	3.19E-03	0.00E+00	2.51E-03	0.00E+00	6.94E-05	4.09E-02	0.00E+00	0.00E+00	4.09E-02
2508	ALL	8	539361.8	4215439	NonCancer	0.00E+00	1.05E-03	0.00E+00	7.19E-05	7.19E-05	5.66E-04	3.28E-03	0.00E+00	2.61E-03	0.00E+00	7.19E-05	4.12E-02	0.00E+00	0.00E+00	4.12E-02
2509	ALL	9	539371.8	4215439	NonCancer	0.00E+00	1.03E-03	0.00E+00	7.04E-05	7.04E-05	4.83E-04	3.19E-03	0.00E+00	2.55E-03	0.00E+00	7.04E-05	3.95E-02	0.00E+00	0.00E+00	3.95E-02
2510	ALL	10	539381.8	4215439	NonCancer	0.00E+00	9.57E-04	0.00E+00	6.52E-05	6.52E-05	3.95E-04	2.94E-03	0.00E+00	2.37E-03	0.00E+00	6.52E-05	3.60E-02	0.00E+00	0.00E+00	3.60E-02
2511	ALL	11	539341.8	4215449	NonCancer	0.00E+00	1.12E-03	0.00E+00	7.77E-05	7.77E-05	8.28E-04	3.63E-03	0.00E+00	2.81E-03	0.00E+00	7.77E-05	4.72E-02	0.00E+00	0.00E+00	4.72E-02
2512	ALL	12	539351.8	4215449	NonCancer	0.00E+00	1.24E-03	0.00E+00	8.60E-05	8.60E-05	7.75E-04	3.95E-03	0.00E+00	3.11E-03	0.00E+00	8.60E-05	5.03E-02	0.00E+00	0.00E+00	5.03E-02
2513	ALL	13	539361.8	4215449	NonCancer	0.00E+00	1.30E-03	0.00E+00	8.90E-05	8.90E-05	6.78E-04	4.05E-03	0.00E+00	3.22E-03	0.00E+00	8.90E-05	5.04E-02	0.00E+00	0.00E+00	5.04E-02
2514	ALL	14	539371.8	4215449	NonCancer	0.00E+00	1.26E-03	0.00E+00	8.59E-05	8.59E-05	5.64E-04	3.89E-03	0.00E+00	3.12E-03	0.00E+00	8.59E-05	4.76E-02	0.00E+00	0.00E+00	4.76E-02
2515	ALL	15	539381.8	4215449	NonCancer	0.00E+00	1.14E-03	0.00E+00	7.75E-05	7.75E-05	4.44E-04	3.49E-03	0.00E+00	2.82E-03	0.00E+00	7.75E-05	4.23E-02	0.00E+00	0.00E+00	4.23E-02
2516	ALL	16	539341.8	4215459	NonCancer	0.00E+00	1.40E-03	0.00E+00	9.75E-05	9.75E-05	1.06E-03	4.53E-03	0.00E+00	3.51E-03	0.00E+00	9.75E-05	5.90E-02	0.00E+00	0.00E+00	5.90E-02
2517	ALL	17	539351.8	4215459	NonCancer	0.00E+00	1.58E-03	0.00E+00	1.10E-04	1.10E-04	9.90E-04	5.04E-03	0.00E+00	3.95E-03	0.00E+00	1.10E-04	6.34E-02	0.00E+00	0.00E+00	6.34E-02
2518	ALL	18	539361.8	4215459	NonCancer	0.00E+00	1.65E-03	0.00E+00	1.13E-04	1.13E-04	8.35E-04	5.14E-03	0.00E+00	4.09E-03	0.00E+00	1.13E-04	6.31E-02	0.00E+00	0.00E+00	6.31E-02
2519	ALL	19	539371.8	4215459	NonCancer	0.00E+00	1.57E-03	0.00E+00	1.07E-04	1.07E-04	6.48E-04	4.79E-03	0.00E+00	3.87E-03	0.00E+00	1.07E-04	5.80E-02	0.00E+00	0.00E+00	5.80E-02
2520	ALL	20	539381.8	4215459	NonCancer	0.00E+00	1.37E-03	0.00E+00	9.29E-05	9.29E-05	4.83E-04	4.14E-03	0.00E+00	3.38E-03	0.00E+00	9.29E-05	4.98E-02	0.00E+00	0.00E+00	4.98E-02
2521	ALL	21	539341.8	4215469	NonCancer	0.00E+00	1.80E-03	0.00E+00	1.26E-04	1.26E-04	1.44E-03	5.89E-03	0.00E+00	4.52E-03	0.00E+00	1.26E-04	7.61E-02	0.00E+00	0.00E+00	7.61E-02
2522	ALL	22	539351.8	4215469	NonCancer	0.00E+00	2.09E-03	0.00E+00	1.44E-04	1.44E-04	1.30E-03	6.63E-03	0.00E+00	5.20E-03	0.00E+00	1.44E-04	8.25E-02	0.00E+00	0.00E+00	8.25E-02
2523	ALL	23	539361.8	4215469	NonCancer	0.00E+00	2.16E-03	0.00E+00	1.48E-04	1.48E-04	1.05E-03	6.72E-03	0.00E+00	5.35E-03	0.00E+00	1.48E-04	8.12E-02	0.00E+00	0.00E+00	8.12E-02
2524	ALL	24	539371.8	4215469	NonCancer	0.00E+00	1.99E-03	0.00E+00	1.35E-04	1.35E-04	7.64E-04	6.07E-03	0.00E+00	4.91E-03	0.00E+00	1.35E-04	7.22E-02	0.00E+00	0.00E+00	7.22E-02
2525	ALL	25	539381.8	4215469	NonCancer	0.00E+00	1.66E-03	0.00E+00	1.12E-04	1.12E-04	5.36E-04	5.00E-03	0.00E+00	4.08E-03	0.00E+00	1.12E-04	5.92E-02	0.00E+00	0.00E+00	5.92E-02
2526	ALL	26	539113.9	4215518	NonCancer	0.00E+00	6.34E-05	0.00E+00	4.35E-06	4.35E-06	3.55E-05	2.00E-04	0.00E+00	1.61E-04	0.00E+00	4.35E-06	2.80E-03	0.00E+00	0.00E+00	2.80E-03
2527	ALL	27	539096.5	4215516	NonCancer	0.00E+00	5.57E-05	0.00E+00	3.82E-06	3.82E-06	3.08E-05	1.76E-04	0.00E+00	1.41E-04	0.00E+00	3.82E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
2528	ALL	28	539108.3	4215501	NonCancer	0.00E+00	6.04E-05	0.00E+00	4.15E-06	4.15E-06	3.32E-05	1.90E-04	0.00E+00	1.53E-04	0.00E+00	4.15E-06	2.65E-03	0.00E+00	0.00E+00	2.65E-03
2529	ALL	29	539096	4215501	NonCancer	0.00E+00	5.52E-05	0.00E+00	3.79E-06	3.79E-06	3.02E-05	1.74E-04	0.00E+00	1.40E-04	0.00E+00	3.79E-06	2.42E-03	0.00E+00	0.00E+00	2.42E-03
2530	ALL	30	539108.3	4215486	NonCancer	0.00E+00	5.96E-05	0.00E+00	4.09E-06	4.09E-06	3.24E-05	1.87E-04	0.00E+00	1.51E-04	0.00E+00	4.09E-06	2.61E-03	0.00E+00	0.00E+00	2.61E-03
2531	ALL	31	539094.5	4215485	NonCancer	0.00E+00	5.40E-05	0.00E+00	3.70E-06	3.70E-06	2.91E-05	1.70E-04	0.00E+00	1.37E-04	0.00E+00	3.70E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
2532	ALL	32	539135.3	4215461	NonCancer	0.00E+00	6.96E-05	0.00E+00	4.78E-06	4.78E-06	3.76E-05	2.18E-04	0.00E+00	1.76E-04	0.00E+00	4.78E-06	3.05E-03	0.00E+00	0.00E+00	3.05E-03
2533	ALL	33	539150.1	4215440	NonCancer	0.00E+00	7.31E-05	0.00E+00	5.02E-06	5.02E-06	3.92E-05	2.28E-04	0.00E+00	1.85E-04	0.00E+00	5.02E-06	3.20E-03	0.00E+00	0.00E+00	3.20E-03
2534	ALL	34	539114.4	4215453	NonCancer	0.00E+00	5.83E-05	0.00E+00	4.00E-06	4.00E-06	3.09E-05	1.83E-04	0.00E+00	1.48E-04	0.00E+00	4.00E-06	2.54E-03	0.00E+00	0.00E+00	2.54E-03
2535	ALL	35	539123.1	4215439	NonCancer	0.00E+00	5.97E-05	0.00E+00	4.09E-06	4.09E-06	3.14E-05	1.87E-04	0.00E+00	1.51E-04	0.00E+00	4.09E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
2536	ALL	36	539159.3	4215421	NonCancer	0.00E+00	7.38E-05	0.00E+00	5.06E-06	5.06E-06	3.94E-05	2.30E-04	0.00E+00	1.87E-04	0.00E+00	5.06E-06	3.22E-03	0.00E+00	0.00E+00	3.22E-03
2537	ALL	37	539145	4215416	NonCancer	0.00E+00	6.52E-05	0.00E+00	4.47E-06	4.47E-06	3.43E-05	2.03E-04	0.00E+00	1.65E-04	0.00E+00	4.47E-06	2.84E-03	0.00E+00	0.00E+00	2.84E-03
2538	ALL	38	539134.3	4215411	NonCancer	0.00E+00	5.94E-05	0.00E+00	4.07E-06	4.07E-06	3.09E-05	1.85E-04	0.00E+00	1.50E-04	0.00E+00	4.07E-06	2.58E-03	0.00E+00	0.00E+00	2.58E-03
2539	ALL	39	539131.8	4215425	NonCancer	0.00E+00	6.08E-05	0.00E+00	4.17E-06	4.17E-06	3.18E-05	1.90E-04	0.00E+00	1.54E-04	0.00E+00	4.17E-06	2.65E-03	0.00E+00	0.00E+00	2.65E-03
2540	ALL	40	539206.8	4215384	NonCancer	0.00E+00	9.12E-05	0.00E+00	6.27E-06	6.27E-06	5.24E-05	2.86E-04	0.00E+00	2.31E-04	0.00E+00	6.27E-06	4.02E-03	0.00E+00	0.00E+00	4.02E-03
2541	ALL	41	539216	4215373	NonCancer	0.00E+00	9.30E-05	0.00E+00	6.41E-06	6.41E-06	5.52E-05	2.92E-04	0.00E+00	2.36E-04	0.00E+00	6.41E-06	4.13E-03	0.00E+00	0.00E+00	4.13E-03
2542	ALL	42	539188.9	4215382	NonCancer	0.00E+00	7.89E-05	0.00E+00	5.42E-06	5.42E-06	4.35E-05	2.47E-04	0.00E+00	2.00E-04	0.00E+00	5.42E-06	3.45E-03	0.00E+00	0.00E+00	3.45E-03
2543	ALL	43	539176.2	4215380	NonCancer	0.00E+00	7.12E-05	0.00E+00	4.88E-06	4.88E-06	3.84E-05	2.22E-04	0.00E+00	1.80E-04	0.00E+00	4.88E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03
2544	ALL	44	539165.4	4215376	NonCancer	0.00E+00	6.52E-05	0.00E+00	4.47E-06	4.47E-06	3.46E-05	2.03E-04	0.00E+00	1.65E-04	0.00E+00	4.47E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
2545	ALL	45	539248.8	4215357	NonCancer	0.00E+00	1.18E-04	0.00E+00	8.16E-06	8.16E-06	7.72E-05	3.74E-04	0.00E+00	3.00E-04	0.00E+00	8.16E-06	5.29E-03	0.00E+00	0.00E+00	5.29E-03
2546	ALL	46	539243.5	4215348	NonCancer	0.00E+00	1.07E-04	0.00E+00	7.42E-06	7.42E-06	6.89E-05	3.40E-04	0.00E+00	2.73E-04	0.00E+00	7.42E-06	4.80E-03	0.00E+00	0.00E+00	4.80E-03
2547	ALL	47	539265.6	4215345	NonCancer	0.00E+00	1.33E-04	0.00E+00	9.19E-06	9.19E-06	8.81E-05	4.22E-04	0.00E+00	3.37E-04	0.00E+00	9.19E-06	5.91E-03	0.00E+00	0.00E+00	5.91E-03
2548	ALL	48	539260.8	4215338	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.41E-06	8.41E-06	7.95E-05	3.86E-04	0.00E+00	3.08E-04	0.00E+00	8.41E-06	5.41E-03	0.00E+00	0.00E+00	5.41E-03
2549	ALL	49	539256.3	4215351	NonCancer	0.00E+00	1.24E-04	0.00E+00	8.60E-06	8.60E-06	8.21E-05	3.95E-04	0.00E+00	3.15E-04	0.00E+00	8.60E-06	5.56E-03	0.00E+00	0.00E+00	5.56E-03
2550	ALL	50	539272.8	4215332	NonCancer	0.00E+00	1.32E-04	0.00E+00	9.16E-06	9.16E-06	8.67E-05	4.20E-04	0.00E+00	3.35E-04	0.00E+00	9.16E-06	5.84E-03	0.00E+00	0.00E+00	5.84E-03
2551	ALL	51	539264.8	4215325	NonCancer	0.00E+00	1.18E-04	0.00E+00	8.17E-06	8.17E-06	7.63E-05	3.75E-04	0.00E+00	2.99E-04	0.00E+00	8.17E-06	5.22E-03	0.00E+00	0.00E+00	5.22E-03
2552	ALL	52	539280.8	4215322	NonCancer	0.00E+00	1.34E-04	0.00E+00	9.27E-06	9.27E-06	8.69E-05	4.25E-04	0.00E+00	3.39E-04	0.00E+00	9.27E-06	5.87E-03	0.00E+00	0.00E+00	5.87E-03
2553	ALL	53	539280	4215307	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.43E-06	8.43E-06	7.76E-05	3.86E-04	0.00E+00	3.08E-04	0.00E+00	8.43E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03

*HARP - HRACalc v21081 7/17/2025 11:49:20 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Chronic_ResHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2554	ALL	54	539288	4215314	NonCancer	0.00E+00	1.35E-04	0.00E+00	9.35E-06	9.35E-06	8.69E-05	4.29E-04	0.00E+00	3.42E-04	0.00E+00	9.35E-06	5.89E-03	0.00E+00	0.00E+00	5.89E-03
2555	ALL	55	539297.8	4215305	NonCancer	0.00E+00	1.37E-04	0.00E+00	9.47E-06	9.47E-06	8.72E-05	4.35E-04	0.00E+00	3.46E-04	0.00E+00	9.47E-06	5.94E-03	0.00E+00	0.00E+00	5.94E-03
2556	ALL	56	539289.6	4215296	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.46E-06	8.46E-06	7.73E-05	3.88E-04	0.00E+00	3.09E-04	0.00E+00	8.46E-06	5.31E-03	0.00E+00	0.00E+00	5.31E-03
2557	ALL	57	539311.2	4215288	NonCancer	0.00E+00	1.33E-04	0.00E+00	9.18E-06	9.18E-06	8.29E-05	4.21E-04	0.00E+00	3.35E-04	0.00E+00	9.18E-06	5.71E-03	0.00E+00	0.00E+00	5.71E-03
2558	ALL	58	539303.7	4215281	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.42E-06	8.42E-06	7.59E-05	3.86E-04	0.00E+00	3.08E-04	0.00E+00	8.42E-06	5.25E-03	0.00E+00	0.00E+00	5.25E-03
2559	ALL	59	539303.7	4215296	NonCancer	0.00E+00	1.35E-04	0.00E+00	9.29E-06	9.29E-06	8.48E-05	4.26E-04	0.00E+00	3.40E-04	0.00E+00	9.29E-06	5.80E-03	0.00E+00	0.00E+00	5.80E-03
2560	ALL	60	539314.3	4215272	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.39E-06	8.39E-06	7.49E-05	3.85E-04	0.00E+00	3.07E-04	0.00E+00	8.39E-06	5.21E-03	0.00E+00	0.00E+00	5.21E-03
2561	ALL	61	539329.1	4215260	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.38E-06	8.38E-06	7.35E-05	3.84E-04	0.00E+00	3.06E-04	0.00E+00	8.38E-06	5.16E-03	0.00E+00	0.00E+00	5.16E-03
2562	ALL	62	539339.7	4215237	NonCancer	0.00E+00	1.09E-04	0.00E+00	7.54E-06	7.54E-06	6.48E-05	3.45E-04	0.00E+00	2.75E-04	0.00E+00	7.54E-06	4.62E-03	0.00E+00	0.00E+00	4.62E-03
2563	ALL	63	539357.4	4215233	NonCancer	0.00E+00	1.13E-04	0.00E+00	7.77E-06	7.77E-06	6.53E-05	3.56E-04	0.00E+00	2.84E-04	0.00E+00	7.77E-06	4.72E-03	0.00E+00	0.00E+00	4.72E-03
2564	ALL	64	539394.1	4215200	NonCancer	0.00E+00	9.83E-05	0.00E+00	6.75E-06	6.75E-06	5.39E-05	3.08E-04	0.00E+00	2.46E-04	0.00E+00	6.75E-06	4.06E-03	0.00E+00	0.00E+00	4.06E-03
2565	ALL	65	539045	4215579	NonCancer	0.00E+00	3.98E-05	0.00E+00	2.74E-06	2.74E-06	2.27E-05	1.28E-04	0.00E+00	1.01E-04	0.00E+00	2.74E-06	1.75E-03	0.00E+00	0.00E+00	1.75E-03
2566	ALL	66	539034.4	4215592	NonCancer	0.00E+00	3.75E-05	0.00E+00	2.57E-06	2.57E-06	2.14E-05	1.20E-04	0.00E+00	9.49E-05	0.00E+00	2.57E-06	1.65E-03	0.00E+00	0.00E+00	1.65E-03
2567	ALL	67	539054.9	4215557	NonCancer	0.00E+00	4.22E-05	0.00E+00	2.90E-06	2.90E-06	2.38E-05	1.35E-04	0.00E+00	1.07E-04	0.00E+00	2.90E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
2568	ALL	68	539058.4	4215539	NonCancer	0.00E+00	4.31E-05	0.00E+00	2.96E-06	2.96E-06	2.40E-05	1.37E-04	0.00E+00	1.09E-04	0.00E+00	2.96E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
2569	ALL	69	539054.9	4215521	NonCancer	0.00E+00	4.23E-05	0.00E+00	2.90E-06	2.90E-06	2.31E-05	1.34E-04	0.00E+00	1.07E-04	0.00E+00	2.90E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
2570	ALL	70	539082.4	4215477	NonCancer	0.00E+00	4.94E-05	0.00E+00	3.38E-06	3.38E-06	2.64E-05	1.55E-04	0.00E+00	1.25E-04	0.00E+00	3.38E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
2571	ALL	71	539074	4215466	NonCancer	0.00E+00	4.60E-05	0.00E+00	3.16E-06	3.16E-06	2.43E-05	1.45E-04	0.00E+00	1.16E-04	0.00E+00	3.16E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03
2572	ALL	72	539098.7	4215441	NonCancer	0.00E+00	5.09E-05	0.00E+00	3.49E-06	3.49E-06	2.65E-05	1.59E-04	0.00E+00	1.29E-04	0.00E+00	3.49E-06	2.21E-03	0.00E+00	0.00E+00	2.21E-03
2573	ALL	73	539109.3	4215427	NonCancer	0.00E+00	5.24E-05	0.00E+00	3.59E-06	3.59E-06	2.72E-05	1.64E-04	0.00E+00	1.33E-04	0.00E+00	3.59E-06	2.28E-03	0.00E+00	0.00E+00	2.28E-03
2574	ALL	74	539117.1	4215416	NonCancer	0.00E+00	5.36E-05	0.00E+00	3.67E-06	3.67E-06	2.77E-05	1.67E-04	0.00E+00	1.35E-04	0.00E+00	3.67E-06	2.33E-03	0.00E+00	0.00E+00	2.33E-03
2575	ALL	75	539125.6	4215401	NonCancer	0.00E+00	5.44E-05	0.00E+00	3.72E-06	3.72E-06	2.80E-05	1.70E-04	0.00E+00	1.37E-04	0.00E+00	3.72E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
2576	ALL	76	539158.8	4215367	NonCancer	0.00E+00	6.02E-05	0.00E+00	4.12E-06	4.12E-06	3.17E-05	1.88E-04	0.00E+00	1.52E-04	0.00E+00	4.12E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
2577	ALL	77	539150.3	4215357	NonCancer	0.00E+00	5.42E-05	0.00E+00	3.72E-06	3.72E-06	2.87E-05	1.69E-04	0.00E+00	1.37E-04	0.00E+00	3.72E-06	2.35E-03	0.00E+00	0.00E+00	2.35E-03
2578	ALL	78	539184.2	4215340	NonCancer	0.00E+00	6.31E-05	0.00E+00	4.33E-06	4.33E-06	3.50E-05	1.98E-04	0.00E+00	1.60E-04	0.00E+00	4.33E-06	2.76E-03	0.00E+00	0.00E+00	2.76E-03
2579	ALL	79	539222.4	4215325	NonCancer	0.00E+00	7.98E-05	0.00E+00	5.50E-06	5.50E-06	4.85E-05	2.52E-04	0.00E+00	2.02E-04	0.00E+00	5.50E-06	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2580	ALL	80	539243.6	4215318	NonCancer	0.00E+00	9.38E-05	0.00E+00	6.48E-06	6.48E-06	5.89E-05	2.97E-04	0.00E+00	2.38E-04	0.00E+00	6.48E-06	4.16E-03	0.00E+00	0.00E+00	4.16E-03
2581	ALL	81	539371.5	4215194	NonCancer	0.00E+00	9.27E-05	0.00E+00	6.37E-06	6.37E-06	5.25E-05	2.92E-04	0.00E+00	2.33E-04	0.00E+00	6.37E-06	3.86E-03	0.00E+00	0.00E+00	3.86E-03
2582	ALL	82	539364.4	4215192	NonCancer	0.00E+00	9.03E-05	0.00E+00	6.21E-06	6.21E-06	5.15E-05	2.84E-04	0.00E+00	2.27E-04	0.00E+00	6.21E-06	3.77E-03	0.00E+00	0.00E+00	3.77E-03
2583	ALL	83	539344.6	4215200	NonCancer	0.00E+00	8.98E-05	0.00E+00	6.18E-06	6.18E-06	5.24E-05	2.83E-04	0.00E+00	2.26E-04	0.00E+00	6.18E-06	3.78E-03	0.00E+00	0.00E+00	3.78E-03
2584	ALL	84	539409.7	4215113	NonCancer	0.00E+00	6.46E-05	0.00E+00	4.44E-06	4.44E-06	3.54E-05	2.03E-04	0.00E+00	1.62E-04	0.00E+00	4.44E-06	2.68E-03	0.00E+00	0.00E+00	2.68E-03
2585	ALL	85	539355.9	4215137	NonCancer	0.00E+00	6.70E-05	0.00E+00	4.61E-06	4.61E-06	3.84E-05	2.11E-04	0.00E+00	1.68E-04	0.00E+00	4.61E-06	2.81E-03	0.00E+00	0.00E+00	2.81E-03
2586	ALL	86	539262.7	4215289	NonCancer	0.00E+00	9.65E-05	0.00E+00	6.66E-06	6.66E-06	6.00E-05	3.05E-04	0.00E+00	2.44E-04	0.00E+00	6.66E-06	4.22E-03	0.00E+00	0.00E+00	4.22E-03
2587	ALL	87	539282.4	4215261	NonCancer	0.00E+00	9.55E-05	0.00E+00	6.59E-06	6.59E-06	5.85E-05	3.02E-04	0.00E+00	2.41E-04	0.00E+00	6.59E-06	4.13E-03	0.00E+00	0.00E+00	4.13E-03
2588	ALL	88	539299.4	4215235	NonCancer	0.00E+00	9.05E-05	0.00E+00	6.25E-06	6.25E-06	5.48E-05	2.86E-04	0.00E+00	2.28E-04	0.00E+00	6.25E-06	3.88E-03	0.00E+00	0.00E+00	3.88E-03
2589	ALL	89	539168.9	4215648	NonCancer	0.00E+00	1.04E-04	0.00E+00	7.13E-06	7.13E-06	6.15E-05	3.29E-04	0.00E+00	2.63E-04	0.00E+00	7.13E-06	4.63E-03	0.00E+00	0.00E+00	4.63E-03
2590	ALL	90	538947.7	4216164	NonCancer	0.00E+00	1.15E-05	0.00E+00	8.22E-07	8.22E-07	1.51E-05	6.02E-05	0.00E+00	2.96E-05	0.00E+00	8.22E-07	5.83E-04	0.00E+00	0.00E+00	5.83E-04
2591	ALL	91	539352.1	4215798	NonCancer	0.00E+00	9.44E-05	0.00E+00	6.51E-06	6.51E-06	5.92E-05	3.20E-04	0.00E+00	2.40E-04	0.00E+00	6.51E-06	4.23E-03	0.00E+00	0.00E+00	4.23E-03
2592	ALL	Fence	539367.6	4215567	NonCancer	0.00E+00	2.99E-03	0.00E+00	2.02E-04	2.02E-04	7.77E-04	8.81E-03	0.00E+00	7.40E-03	0.00E+00	2.02E-04	1.11E-01	0.00E+00	0.00E+00	1.11E-01
2593	ALL	Fence	539278.3	4215505	NonCancer	0.00E+00	5.36E-04	0.00E+00	3.88E-05	3.88E-05	7.08E-04	1.90E-03	0.00E+00	1.39E-03	0.00E+00	3.88E-05	2.78E-02	0.00E+00	0.00E+00	2.78E-02
2594	ALL	Fence	539297.5	4215494	NonCancer	0.00E+00	8.03E-04	0.00E+00	6.15E-05	6.15E-05	1.73E-03	3.27E-03	0.00E+00	2.11E-03	0.00E+00	6.15E-05	4.60E-02	0.00E+00	0.00E+00	4.60E-02
2595	ALL	Fence	539323.7	4215486	NonCancer	0.00E+00	1.63E-03	0.00E+00	1.20E-04	1.20E-04	2.62E-03	6.07E-03	0.00E+00	4.23E-03	0.00E+00	1.20E-04	8.54E-02	0.00E+00	0.00E+00	8.54E-02
2596	ALL	Fence	539342.6	4215483	NonCancer	0.00E+00	2.79E-03	0.00E+00	1.96E-04	1.96E-04	2.46E-03	9.28E-03	0.00E+00	7.00E-03	0.00E+00	1.96E-04	1.18E-01	0.00E+00	0.00E+00	1.18E-01
2597	ALL	Fence	539367.2	4215481	NonCancer	0.00E+00	3.03E-03	0.00E+00	2.06E-04	2.06E-04	1.17E-03	9.26E-03	0.00E+00	7.45E-03	0.00E+00	2.06E-04	1.08E-01	0.00E+00	0.00E+00	1.08E-01
2598	ALL	Fence	539397.8	4215488	NonCancer	0.00E+00	1.36E-03	0.00E+00	9.20E-05	9.20E-05	3.83E-04	4.08E-03	0.00E+00	3.35E-03	0.00E+00	9.20E-05	4.81E-02	0.00E+00	0.00E+00	4.81E-02
2599	ALL	Fence	539352.7	4215556	NonCancer	0.00E+00	4.81E-03	0.00E+00	3.24E-04	3.24E-04	1.28E-03	1.41E-02	0.00E+00	1.19E-02	0.00E+00	3.24E-04	1.83E-01	0.00E+00	0.00E+00	1.83E-01
2600	ALL	Fence	539337.8	4215546	NonCancer	0.00E+00	5.59E-03	0.00E+00	3.80E-04	3.80E-04	2.23E-03	1.65E-02	0.00E+00	1.42E-02	0.00E+00	3.80E-04	2.46E-01	0.00E+00	0.00E+00	2.46E-01
2601	ALL	Fence	539322.9	4215536	NonCancer	0.00E+00	3.12E-03	0.00E+00	2.30E-04	2.30E-04	4.75E-03	1.16E-02	0.00E+00	7.97E-03	0.00E+00	2.30E-04	1.49E-01	0.00E+00	0.00E+00	1.49E-01
2602	ALL	Fence	539308.1	4215525	NonCancer	0.00E+00	1.61E-03	0.00E+00	1.29E-04	1.29E-04	4.56E-03	7.14E-03	0.00E+00	4.34E-03	0.00E+00	1.29E-04	1.06E-01	0.00E+00	0.00E+00	1.06E-01
2603	ALL	Fence	539293.2	4215515	NonCancer	0.00E+00	8.81E-04	0.00E+00	7.56E-05	7.56E-05	3.53E-03	4.62E-03	0.00E+00	2.40E-03	0.00E+00	7.56E-05	6.18E-02	0.00E+00	0.00E+00	6.18E-02
2604	ALL	Fence	539287.9	4215499	NonCancer	0.00E+00	6.55E-04	0.00E+00	4.92E-05	4.92E-05	1.23E-03	2.55E-03	0.00E+00	1.71E-03	0.00E+00	4.92E-05	3.62E-02	0.00E+00	0.00E+00	3.62E-02
2605	ALL	Fence	539310.6	4215490	NonCancer	0.00E+00	1.12E-03	0.00E+00	8.62E-05	8.62E-05	2.44E-03	4.57E-03	0.00E+00	2.97E-03	0.00E+00	8.62E-05	6.50E-02	0.00E+00	0.00E+00	6.50E-02
2606	ALL	Fence	539354.9	4215482	NonCancer	0.00E+00	3.32E-03	0.00E+00	2.29E-04	2.29E-04	1.91E-03	1.05E-02	0.00E+00	8.22E-03	0.00E+00	2.29E-04	1.26E-01	0.00E+00	0.00E+00	1.26E-01

***HARP - HRACalc v21081 7/17/2025 11:49:20 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Chronic_ResHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2607	ALL	Fence	539382.5	4215485	NonCancer	0.00E+00	2.22E-03	0.00E+00	1.50E-04	1.50E-04	6.16E-04	6.64E-03	0.00E+00	5.44E-03	0.00E+00	1.50E-04	7.69E-02	0.00E+00	0.00E+00	7.69E-02
2608	ALL	Fence	539391.7	4215504	NonCancer	0.00E+00	2.08E-03	0.00E+00	1.41E-04	1.41E-04	5.53E-04	6.23E-03	0.00E+00	5.11E-03	0.00E+00	1.41E-04	7.18E-02	0.00E+00	0.00E+00	7.18E-02
2609	ALL	Fence	539385.7	4215519	NonCancer	0.00E+00	3.52E-03	0.00E+00	2.37E-04	2.37E-04	8.13E-04	1.05E-02	0.00E+00	8.60E-03	0.00E+00	2.37E-04	1.18E-01	0.00E+00	0.00E+00	1.18E-01
2610	ALL	Fence	539379.7	4215535	NonCancer	0.00E+00	5.29E-03	0.00E+00	3.55E-04	3.55E-04	1.02E-03	1.56E-02	0.00E+00	1.29E-02	0.00E+00	3.55E-04	1.74E-01	0.00E+00	0.00E+00	1.74E-01
2611	ALL	Fence	539373.7	4215551	NonCancer	0.00E+00	4.70E-03	0.00E+00	3.16E-04	3.16E-04	9.75E-04	1.38E-02	0.00E+00	1.15E-02	0.00E+00	3.16E-04	1.60E-01	0.00E+00	0.00E+00	1.60E-01

*HARP - HRACalc v21081 7/23/2025 9:04:47 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Cancer_WkrHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2501	ALL	1	539341.8	4215429	1.02E-06	25YrCancer	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2502	ALL	2	539351.8	4215429	1.08E-06	25YrCancer	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2503	ALL	3	539361.8	4215429	1.10E-06	25YrCancer	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2504	ALL	4	539371.8	4215429	1.07E-06	25YrCancer	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2505	ALL	5	539381.8	4215429	9.91E-07	25YrCancer	9.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2506	ALL	6	539341.8	4215439	1.23E-06	25YrCancer	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2507	ALL	7	539351.8	4215439	1.31E-06	25YrCancer	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2508	ALL	8	539361.8	4215439	1.32E-06	25YrCancer	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2509	ALL	9	539371.8	4215439	1.27E-06	25YrCancer	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2510	ALL	10	539381.8	4215439	1.15E-06	25YrCancer	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2511	ALL	11	539341.8	4215449	1.51E-06	25YrCancer	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2512	ALL	12	539351.8	4215449	1.61E-06	25YrCancer	1.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2513	ALL	13	539361.8	4215449	1.62E-06	25YrCancer	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2514	ALL	14	539371.8	4215449	1.53E-06	25YrCancer	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2515	ALL	15	539381.8	4215449	1.36E-06	25YrCancer	1.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2516	ALL	16	539341.8	4215459	1.89E-06	25YrCancer	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2517	ALL	17	539351.8	4215459	2.04E-06	25YrCancer	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2518	ALL	18	539361.8	4215459	2.03E-06	25YrCancer	2.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2519	ALL	19	539371.8	4215459	1.87E-06	25YrCancer	1.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2520	ALL	20	539381.8	4215459	1.60E-06	25YrCancer	1.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2521	ALL	21	539341.8	4215469	2.45E-06	25YrCancer	2.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2522	ALL	22	539351.8	4215469	2.66E-06	25YrCancer	2.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2523	ALL	23	539361.8	4215469	2.62E-06	25YrCancer	2.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2524	ALL	24	539371.8	4215469	2.33E-06	25YrCancer	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2525	ALL	25	539381.8	4215469	1.91E-06	25YrCancer	1.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2526	ALL	26	539113.9	4215518	8.74E-08	25YrCancer	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2527	ALL	27	539096.5	4215516	7.65E-08	25YrCancer	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2528	ALL	28	539108.3	4215501	8.29E-08	25YrCancer	8.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2529	ALL	29	539096	4215501	7.56E-08	25YrCancer	7.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2530	ALL	30	539108.3	4215486	8.15E-08	25YrCancer	8.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2531	ALL	31	539094.5	4215485	7.37E-08	25YrCancer	7.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2532	ALL	32	539135.3	4215461	9.52E-08	25YrCancer	9.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2533	ALL	33	539150.1	4215440	9.99E-08	25YrCancer	9.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2534	ALL	34	539114.4	4215453	7.94E-08	25YrCancer	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2535	ALL	35	539123.1	4215439	8.13E-08	25YrCancer	8.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2536	ALL	36	539159.3	4215421	1.01E-07	25YrCancer	1.01E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2537	ALL	37	539145	4215416	8.87E-08	25YrCancer	8.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2538	ALL	38	539134.3	4215411	8.06E-08	25YrCancer	8.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2539	ALL	39	539131.8	4215425	8.27E-08	25YrCancer	8.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2540	ALL	40	539206.8	4215384	1.26E-07	25YrCancer	1.26E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2541	ALL	41	539216	4215373	1.29E-07	25YrCancer	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2542	ALL	42	539188.9	4215382	1.08E-07	25YrCancer	1.08E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2543	ALL	43	539176.2	4215380	9.68E-08	25YrCancer	9.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2544	ALL	44	539165.4	4215376	8.84E-08	25YrCancer	8.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2545	ALL	45	539248.8	4215357	1.66E-07	25YrCancer	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2546	ALL	46	539243.5	4215348	1.50E-07	25YrCancer	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2547	ALL	47	539265.6	4215345	1.86E-07	25YrCancer	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v21081 7/23/2025 9:04:47 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Cancer_WkrHRAInput.hra

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2548	ALL	48	539260.8	4215338	1.70E-07	25YrCancer	1.70E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2549	ALL	49	539256.3	4215351	1.74E-07	25YrCancer	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2550	ALL	50	539272.8	4215332	1.84E-07	25YrCancer	1.84E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2551	ALL	51	539264.8	4215325	1.64E-07	25YrCancer	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2552	ALL	52	539280.8	4215322	1.85E-07	25YrCancer	1.85E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2553	ALL	53	539280	4215307	1.68E-07	25YrCancer	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2554	ALL	54	539288	4215314	1.86E-07	25YrCancer	1.86E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2555	ALL	55	539297.8	4215305	1.87E-07	25YrCancer	1.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2556	ALL	56	539289.6	4215296	1.68E-07	25YrCancer	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2557	ALL	57	539311.2	4215288	1.80E-07	25YrCancer	1.80E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2558	ALL	58	539303.7	4215281	1.66E-07	25YrCancer	1.66E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2559	ALL	59	539303.7	4215296	1.83E-07	25YrCancer	1.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2560	ALL	60	539314.3	4215272	1.64E-07	25YrCancer	1.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2561	ALL	61	539329.1	4215260	1.63E-07	25YrCancer	1.63E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2562	ALL	62	539339.7	4215237	1.46E-07	25YrCancer	1.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2563	ALL	63	539357.4	4215233	1.50E-07	25YrCancer	1.50E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2564	ALL	64	539394.1	4215200	1.29E-07	25YrCancer	1.29E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2565	ALL	65	539045	4215579	5.49E-08	25YrCancer	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2566	ALL	66	539034.4	4215592	5.17E-08	25YrCancer	5.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2567	ALL	67	539054.9	4215557	5.81E-08	25YrCancer	5.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2568	ALL	68	539058.4	4215539	5.93E-08	25YrCancer	5.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2569	ALL	69	539054.9	4215521	5.79E-08	25YrCancer	5.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2570	ALL	70	539082.4	4215477	6.72E-08	25YrCancer	6.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2571	ALL	71	539074	4215466	6.25E-08	25YrCancer	6.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2572	ALL	72	539098.7	4215441	6.91E-08	25YrCancer	6.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2573	ALL	73	539109.3	4215427	7.12E-08	25YrCancer	7.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2574	ALL	74	539117.1	4215416	7.27E-08	25YrCancer	7.27E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2575	ALL	75	539125.6	4215401	7.36E-08	25YrCancer	7.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2576	ALL	76	539158.8	4215367	8.14E-08	25YrCancer	8.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2577	ALL	77	539150.3	4215357	7.35E-08	25YrCancer	7.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2578	ALL	78	539184.2	4215340	8.64E-08	25YrCancer	8.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2579	ALL	79	539222.4	4215325	1.11E-07	25YrCancer	1.11E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2580	ALL	80	539243.6	4215318	1.30E-07	25YrCancer	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2581	ALL	81	539371.5	4215194	1.22E-07	25YrCancer	1.22E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2582	ALL	82	539364.4	4215192	1.20E-07	25YrCancer	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2583	ALL	83	539344.6	4215200	1.20E-07	25YrCancer	1.20E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2584	ALL	84	539409.7	4215113	8.48E-08	25YrCancer	8.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2585	ALL	85	539355.9	4215137	8.91E-08	25YrCancer	8.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2586	ALL	86	539262.7	4215289	1.33E-07	25YrCancer	1.33E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2587	ALL	87	539282.4	4215261	1.30E-07	25YrCancer	1.30E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2588	ALL	88	539299.4	4215235	1.23E-07	25YrCancer	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2589	ALL	89	539168.9	4215648	1.45E-07	25YrCancer	1.45E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2590	ALL	90	538947.7	4216164	1.98E-08	25YrCancer	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2591	ALL	91	539352.1	4215798	1.34E-07	25YrCancer	1.34E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2592	ALL	Fence	539367.6	4215567	3.50E-06	25YrCancer	3.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2593	ALL	Fence	539278.3	4215505	8.83E-07	25YrCancer	8.83E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2594	ALL	Fence	539297.5	4215494	1.50E-06	25YrCancer	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

***HARP - HRACalc v21081 7/23/2025 9:04:47 AM - Cancer Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Cancer_WkrHRAInput.hra**

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
2595	ALL	Fence	539323.7	4215486	2.76E-06	25YrCancer	2.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2596	ALL	Fence	539342.6	4215483	3.81E-06	25YrCancer	3.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2597	ALL	Fence	539367.2	4215481	3.49E-06	25YrCancer	3.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2598	ALL	Fence	539397.8	4215488	1.54E-06	25YrCancer	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2599	ALL	Fence	539352.7	4215556	5.76E-06	25YrCancer	5.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2600	ALL	Fence	539337.8	4215546	7.54E-06	25YrCancer	7.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2601	ALL	Fence	539322.9	4215536	4.91E-06	25YrCancer	4.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2602	ALL	Fence	539308.1	4215525	3.46E-06	25YrCancer	3.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2603	ALL	Fence	539293.2	4215515	2.11E-06	25YrCancer	2.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2604	ALL	Fence	539287.9	4215499	1.17E-06	25YrCancer	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2605	ALL	Fence	539310.6	4215490	2.12E-06	25YrCancer	2.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2606	ALL	Fence	539354.9	4215482	4.08E-06	25YrCancer	4.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2607	ALL	Fence	539382.5	4215485	2.48E-06	25YrCancer	2.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2608	ALL	Fence	539391.7	4215504	2.32E-06	25YrCancer	2.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2609	ALL	Fence	539385.7	4215519	3.82E-06	25YrCancer	3.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2610	ALL	Fence	539379.7	4215535	5.64E-06	25YrCancer	5.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2611	ALL	Fence	539373.7	4215551	5.16E-06	25YrCancer	5.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

*HARP - HRACalc v21081 7/23/2025 9:05:57 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Chronic_WkrHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2501	ALL	1	539341.8	4215429	NonCancer	0.00E+00	7.58E-04	0.00E+00	5.27E-05	5.27E-05	5.31E-04	2.44E-03	0.00E+00	1.91E-03	0.00E+00	5.27E-05	3.20E-02	0.00E+00	0.00E+00	3.20E-02
2502	ALL	2	539351.8	4215429	NonCancer	0.00E+00	8.27E-04	0.00E+00	5.71E-05	5.71E-05	5.15E-04	2.63E-03	0.00E+00	2.07E-03	0.00E+00	5.71E-05	3.38E-02	0.00E+00	0.00E+00	3.38E-02
2503	ALL	3	539361.8	4215429	NonCancer	0.00E+00	8.62E-04	0.00E+00	5.93E-05	5.93E-05	4.75E-04	2.71E-03	0.00E+00	2.15E-03	0.00E+00	5.93E-05	3.43E-02	0.00E+00	0.00E+00	3.43E-02
2504	ALL	4	539371.8	4215429	NonCancer	0.00E+00	8.57E-04	0.00E+00	5.87E-05	5.87E-05	4.17E-04	2.66E-03	0.00E+00	2.13E-03	0.00E+00	5.87E-05	3.33E-02	0.00E+00	0.00E+00	3.33E-02
2505	ALL	5	539381.8	4215429	NonCancer	0.00E+00	8.11E-04	0.00E+00	5.54E-05	5.54E-05	3.53E-04	2.50E-03	0.00E+00	2.01E-03	0.00E+00	5.54E-05	3.10E-02	0.00E+00	0.00E+00	3.10E-02
2506	ALL	6	539341.8	4215439	NonCancer	0.00E+00	9.11E-04	0.00E+00	6.34E-05	6.34E-05	6.55E-04	2.94E-03	0.00E+00	2.29E-03	0.00E+00	6.34E-05	3.85E-02	0.00E+00	0.00E+00	3.85E-02
2507	ALL	7	539351.8	4215439	NonCancer	0.00E+00	1.00E-03	0.00E+00	6.94E-05	6.94E-05	6.28E-04	3.19E-03	0.00E+00	2.51E-03	0.00E+00	6.94E-05	4.09E-02	0.00E+00	0.00E+00	4.09E-02
2508	ALL	8	539361.8	4215439	NonCancer	0.00E+00	1.05E-03	0.00E+00	7.19E-05	7.19E-05	5.66E-04	3.28E-03	0.00E+00	2.61E-03	0.00E+00	7.19E-05	4.12E-02	0.00E+00	0.00E+00	4.12E-02
2509	ALL	9	539371.8	4215439	NonCancer	0.00E+00	1.03E-03	0.00E+00	7.04E-05	7.04E-05	4.83E-04	3.19E-03	0.00E+00	2.55E-03	0.00E+00	7.04E-05	3.95E-02	0.00E+00	0.00E+00	3.95E-02
2510	ALL	10	539381.8	4215439	NonCancer	0.00E+00	9.57E-04	0.00E+00	6.52E-05	6.52E-05	3.95E-04	2.94E-03	0.00E+00	2.37E-03	0.00E+00	6.52E-05	3.60E-02	0.00E+00	0.00E+00	3.60E-02
2511	ALL	11	539341.8	4215449	NonCancer	0.00E+00	1.12E-03	0.00E+00	7.77E-05	7.77E-05	8.28E-04	3.63E-03	0.00E+00	2.81E-03	0.00E+00	7.77E-05	4.72E-02	0.00E+00	0.00E+00	4.72E-02
2512	ALL	12	539351.8	4215449	NonCancer	0.00E+00	1.24E-03	0.00E+00	8.60E-05	8.60E-05	7.75E-04	3.95E-03	0.00E+00	3.11E-03	0.00E+00	8.60E-05	5.03E-02	0.00E+00	0.00E+00	5.03E-02
2513	ALL	13	539361.8	4215449	NonCancer	0.00E+00	1.30E-03	0.00E+00	8.90E-05	8.90E-05	6.78E-04	4.05E-03	0.00E+00	3.22E-03	0.00E+00	8.90E-05	5.04E-02	0.00E+00	0.00E+00	5.04E-02
2514	ALL	14	539371.8	4215449	NonCancer	0.00E+00	1.26E-03	0.00E+00	8.59E-05	8.59E-05	5.64E-04	3.89E-03	0.00E+00	3.12E-03	0.00E+00	8.59E-05	4.76E-02	0.00E+00	0.00E+00	4.76E-02
2515	ALL	15	539381.8	4215449	NonCancer	0.00E+00	1.14E-03	0.00E+00	7.75E-05	7.75E-05	4.44E-04	3.49E-03	0.00E+00	2.82E-03	0.00E+00	7.75E-05	4.23E-02	0.00E+00	0.00E+00	4.23E-02
2516	ALL	16	539341.8	4215459	NonCancer	0.00E+00	1.40E-03	0.00E+00	9.75E-05	9.75E-05	1.06E-03	4.53E-03	0.00E+00	3.51E-03	0.00E+00	9.75E-05	5.90E-02	0.00E+00	0.00E+00	5.90E-02
2517	ALL	17	539351.8	4215459	NonCancer	0.00E+00	1.58E-03	0.00E+00	1.10E-04	1.10E-04	9.90E-04	5.04E-03	0.00E+00	3.95E-03	0.00E+00	1.10E-04	6.34E-02	0.00E+00	0.00E+00	6.34E-02
2518	ALL	18	539361.8	4215459	NonCancer	0.00E+00	1.65E-03	0.00E+00	1.13E-04	1.13E-04	8.35E-04	5.14E-03	0.00E+00	4.09E-03	0.00E+00	1.13E-04	6.31E-02	0.00E+00	0.00E+00	6.31E-02
2519	ALL	19	539371.8	4215459	NonCancer	0.00E+00	1.57E-03	0.00E+00	1.07E-04	1.07E-04	6.48E-04	4.79E-03	0.00E+00	3.87E-03	0.00E+00	1.07E-04	5.80E-02	0.00E+00	0.00E+00	5.80E-02
2520	ALL	20	539381.8	4215459	NonCancer	0.00E+00	1.37E-03	0.00E+00	9.29E-05	9.29E-05	4.83E-04	4.14E-03	0.00E+00	3.38E-03	0.00E+00	9.29E-05	4.98E-02	0.00E+00	0.00E+00	4.98E-02
2521	ALL	21	539341.8	4215469	NonCancer	0.00E+00	1.80E-03	0.00E+00	1.26E-04	1.26E-04	1.44E-03	5.89E-03	0.00E+00	4.52E-03	0.00E+00	1.26E-04	7.61E-02	0.00E+00	0.00E+00	7.61E-02
2522	ALL	22	539351.8	4215469	NonCancer	0.00E+00	2.09E-03	0.00E+00	1.44E-04	1.44E-04	1.30E-03	6.63E-03	0.00E+00	5.20E-03	0.00E+00	1.44E-04	8.25E-02	0.00E+00	0.00E+00	8.25E-02
2523	ALL	23	539361.8	4215469	NonCancer	0.00E+00	2.16E-03	0.00E+00	1.48E-04	1.48E-04	1.05E-03	6.72E-03	0.00E+00	5.35E-03	0.00E+00	1.48E-04	8.12E-02	0.00E+00	0.00E+00	8.12E-02
2524	ALL	24	539371.8	4215469	NonCancer	0.00E+00	1.99E-03	0.00E+00	1.35E-04	1.35E-04	7.64E-04	6.07E-03	0.00E+00	4.91E-03	0.00E+00	1.35E-04	7.22E-02	0.00E+00	0.00E+00	7.22E-02
2525	ALL	25	539381.8	4215469	NonCancer	0.00E+00	1.66E-03	0.00E+00	1.12E-04	1.12E-04	5.36E-04	5.00E-03	0.00E+00	4.08E-03	0.00E+00	1.12E-04	5.92E-02	0.00E+00	0.00E+00	5.92E-02
2526	ALL	26	539113.9	4215518	NonCancer	0.00E+00	6.34E-05	0.00E+00	4.35E-06	4.35E-06	3.55E-05	2.00E-04	0.00E+00	1.61E-04	0.00E+00	4.35E-06	2.80E-03	0.00E+00	0.00E+00	2.80E-03
2527	ALL	27	539096.5	4215516	NonCancer	0.00E+00	5.57E-05	0.00E+00	3.82E-06	3.82E-06	3.08E-05	1.76E-04	0.00E+00	1.41E-04	0.00E+00	3.82E-06	2.45E-03	0.00E+00	0.00E+00	2.45E-03
2528	ALL	28	539108.3	4215501	NonCancer	0.00E+00	6.04E-05	0.00E+00	4.15E-06	4.15E-06	3.32E-05	1.90E-04	0.00E+00	1.53E-04	0.00E+00	4.15E-06	2.65E-03	0.00E+00	0.00E+00	2.65E-03
2529	ALL	29	539096	4215501	NonCancer	0.00E+00	5.52E-05	0.00E+00	3.79E-06	3.79E-06	3.02E-05	1.74E-04	0.00E+00	1.40E-04	0.00E+00	3.79E-06	2.42E-03	0.00E+00	0.00E+00	2.42E-03
2530	ALL	30	539108.3	4215486	NonCancer	0.00E+00	5.96E-05	0.00E+00	4.09E-06	4.09E-06	3.24E-05	1.87E-04	0.00E+00	1.51E-04	0.00E+00	4.09E-06	2.61E-03	0.00E+00	0.00E+00	2.61E-03
2531	ALL	31	539094.5	4215485	NonCancer	0.00E+00	5.40E-05	0.00E+00	3.70E-06	3.70E-06	2.91E-05	1.70E-04	0.00E+00	1.37E-04	0.00E+00	3.70E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
2532	ALL	32	539135.3	4215461	NonCancer	0.00E+00	6.96E-05	0.00E+00	4.78E-06	4.78E-06	3.76E-05	2.18E-04	0.00E+00	1.76E-04	0.00E+00	4.78E-06	3.05E-03	0.00E+00	0.00E+00	3.05E-03
2533	ALL	33	539150.1	4215440	NonCancer	0.00E+00	7.31E-05	0.00E+00	5.02E-06	5.02E-06	3.92E-05	2.28E-04	0.00E+00	1.85E-04	0.00E+00	5.02E-06	3.20E-03	0.00E+00	0.00E+00	3.20E-03
2534	ALL	34	539114.4	4215453	NonCancer	0.00E+00	5.83E-05	0.00E+00	4.00E-06	4.00E-06	3.09E-05	1.83E-04	0.00E+00	1.48E-04	0.00E+00	4.00E-06	2.54E-03	0.00E+00	0.00E+00	2.54E-03
2535	ALL	35	539123.1	4215439	NonCancer	0.00E+00	5.97E-05	0.00E+00	4.09E-06	4.09E-06	3.14E-05	1.87E-04	0.00E+00	1.51E-04	0.00E+00	4.09E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
2536	ALL	36	539159.3	4215421	NonCancer	0.00E+00	7.38E-05	0.00E+00	5.06E-06	5.06E-06	3.94E-05	2.30E-04	0.00E+00	1.87E-04	0.00E+00	5.06E-06	3.22E-03	0.00E+00	0.00E+00	3.22E-03
2537	ALL	37	539145	4215416	NonCancer	0.00E+00	6.52E-05	0.00E+00	4.47E-06	4.47E-06	3.43E-05	2.03E-04	0.00E+00	1.65E-04	0.00E+00	4.47E-06	2.84E-03	0.00E+00	0.00E+00	2.84E-03
2538	ALL	38	539134.3	4215411	NonCancer	0.00E+00	5.94E-05	0.00E+00	4.07E-06	4.07E-06	3.09E-05	1.85E-04	0.00E+00	1.50E-04	0.00E+00	4.07E-06	2.58E-03	0.00E+00	0.00E+00	2.58E-03
2539	ALL	39	539131.8	4215425	NonCancer	0.00E+00	6.08E-05	0.00E+00	4.17E-06	4.17E-06	3.18E-05	1.90E-04	0.00E+00	1.54E-04	0.00E+00	4.17E-06	2.65E-03	0.00E+00	0.00E+00	2.65E-03
2540	ALL	40	539206.8	4215384	NonCancer	0.00E+00	9.12E-05	0.00E+00	6.27E-06	6.27E-06	5.24E-05	2.86E-04	0.00E+00	2.31E-04	0.00E+00	6.27E-06	4.02E-03	0.00E+00	0.00E+00	4.02E-03
2541	ALL	41	539216	4215373	NonCancer	0.00E+00	9.30E-05	0.00E+00	6.41E-06	6.41E-06	5.52E-05	2.92E-04	0.00E+00	2.36E-04	0.00E+00	6.41E-06	4.13E-03	0.00E+00	0.00E+00	4.13E-03
2542	ALL	42	539188.9	4215382	NonCancer	0.00E+00	7.89E-05	0.00E+00	5.42E-06	5.42E-06	4.35E-05	2.47E-04	0.00E+00	2.00E-04	0.00E+00	5.42E-06	3.45E-03	0.00E+00	0.00E+00	3.45E-03
2543	ALL	43	539176.2	4215380	NonCancer	0.00E+00	7.12E-05	0.00E+00	4.88E-06	4.88E-06	3.84E-05	2.22E-04	0.00E+00	1.80E-04	0.00E+00	4.88E-06	3.10E-03	0.00E+00	0.00E+00	3.10E-03
2544	ALL	44	539165.4	4215376	NonCancer	0.00E+00	6.52E-05	0.00E+00	4.47E-06	4.47E-06	3.46E-05	2.03E-04	0.00E+00	1.65E-04	0.00E+00	4.47E-06	2.82E-03	0.00E+00	0.00E+00	2.82E-03
2545	ALL	45	539248.8	4215357	NonCancer	0.00E+00	1.18E-04	0.00E+00	8.16E-06	8.16E-06	7.72E-05	3.74E-04	0.00E+00	3.00E-04	0.00E+00	8.16E-06	5.29E-03	0.00E+00	0.00E+00	5.29E-03
2546	ALL	46	539243.5	4215348	NonCancer	0.00E+00	1.07E-04	0.00E+00	7.42E-06	7.42E-06	6.89E-05	3.40E-04	0.00E+00	2.73E-04	0.00E+00	7.42E-06	4.80E-03	0.00E+00	0.00E+00	4.80E-03
2547	ALL	47	539265.6	4215345	NonCancer	0.00E+00	1.33E-04	0.00E+00	9.19E-06	9.19E-06	8.81E-05	4.22E-04	0.00E+00	3.37E-04	0.00E+00	9.19E-06	5.91E-03	0.00E+00	0.00E+00	5.91E-03
2548	ALL	48	539260.8	4215338	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.41E-06	8.41E-06	7.95E-05	3.86E-04	0.00E+00	3.08E-04	0.00E+00	8.41E-06	5.41E-03	0.00E+00	0.00E+00	5.41E-03
2549	ALL	49	539256.3	4215351	NonCancer	0.00E+00	1.24E-04	0.00E+00	8.60E-06	8.60E-06	8.21E-05	3.95E-04	0.00E+00	3.15E-04	0.00E+00	8.60E-06	5.56E-03	0.00E+00	0.00E+00	5.56E-03
2550	ALL	50	539272.8	4215332	NonCancer	0.00E+00	1.32E-04	0.00E+00	9.16E-06	9.16E-06	8.67E-05	4.20E-04	0.00E+00	3.35E-04	0.00E+00	9.16E-06	5.84E-03	0.00E+00	0.00E+00	5.84E-03
2551	ALL	51	539264.8	4215325	NonCancer	0.00E+00	1.18E-04	0.00E+00	8.17E-06	8.17E-06	7.63E-05	3.75E-04	0.00E+00	2.99E-04	0.00E+00	8.17E-06	5.22E-03	0.00E+00	0.00E+00	5.22E-03
2552	ALL	52	539280.8	4215322	NonCancer	0.00E+00	1.34E-04	0.00E+00	9.27E-06	9.27E-06	8.69E-05	4.25E-04	0.00E+00	3.39E-04	0.00E+00	9.27E-06	5.87E-03	0.00E+00	0.00E+00	5.87E-03
2553	ALL	53	539280	4215307	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.43E-06	8.43E-06	7.76E-05	3.86E-04	0.00E+00	3.08E-04	0.00E+00	8.43E-06	5.32E-03	0.00E+00	0.00E+00	5.32E-03

*HARP - HRACalc v21081 7/23/2025 9:05:57 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Chronic_WkrHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2554	ALL	54	539288	4215314	NonCancer	0.00E+00	1.35E-04	0.00E+00	9.35E-06	9.35E-06	8.69E-05	4.29E-04	0.00E+00	3.42E-04	0.00E+00	9.35E-06	5.89E-03	0.00E+00	0.00E+00	5.89E-03
2555	ALL	55	539297.8	4215305	NonCancer	0.00E+00	1.37E-04	0.00E+00	9.47E-06	9.47E-06	8.72E-05	4.35E-04	0.00E+00	3.46E-04	0.00E+00	9.47E-06	5.94E-03	0.00E+00	0.00E+00	5.94E-03
2556	ALL	56	539289.6	4215296	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.46E-06	8.46E-06	7.73E-05	3.88E-04	0.00E+00	3.09E-04	0.00E+00	8.46E-06	5.31E-03	0.00E+00	0.00E+00	5.31E-03
2557	ALL	57	539311.2	4215288	NonCancer	0.00E+00	1.33E-04	0.00E+00	9.18E-06	9.18E-06	8.29E-05	4.21E-04	0.00E+00	3.35E-04	0.00E+00	9.18E-06	5.71E-03	0.00E+00	0.00E+00	5.71E-03
2558	ALL	58	539303.7	4215281	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.42E-06	8.42E-06	7.59E-05	3.86E-04	0.00E+00	3.08E-04	0.00E+00	8.42E-06	5.25E-03	0.00E+00	0.00E+00	5.25E-03
2559	ALL	59	539303.7	4215296	NonCancer	0.00E+00	1.35E-04	0.00E+00	9.29E-06	9.29E-06	8.48E-05	4.26E-04	0.00E+00	3.40E-04	0.00E+00	9.29E-06	5.80E-03	0.00E+00	0.00E+00	5.80E-03
2560	ALL	60	539314.3	4215272	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.39E-06	8.39E-06	7.49E-05	3.85E-04	0.00E+00	3.07E-04	0.00E+00	8.39E-06	5.21E-03	0.00E+00	0.00E+00	5.21E-03
2561	ALL	61	539329.1	4215260	NonCancer	0.00E+00	1.22E-04	0.00E+00	8.38E-06	8.38E-06	7.35E-05	3.84E-04	0.00E+00	3.06E-04	0.00E+00	8.38E-06	5.16E-03	0.00E+00	0.00E+00	5.16E-03
2562	ALL	62	539339.7	4215237	NonCancer	0.00E+00	1.09E-04	0.00E+00	7.54E-06	7.54E-06	6.48E-05	3.45E-04	0.00E+00	2.75E-04	0.00E+00	7.54E-06	4.62E-03	0.00E+00	0.00E+00	4.62E-03
2563	ALL	63	539357.4	4215233	NonCancer	0.00E+00	1.13E-04	0.00E+00	7.77E-06	7.77E-06	6.53E-05	3.56E-04	0.00E+00	2.84E-04	0.00E+00	7.77E-06	4.72E-03	0.00E+00	0.00E+00	4.72E-03
2564	ALL	64	539394.1	4215200	NonCancer	0.00E+00	9.83E-05	0.00E+00	6.75E-06	6.75E-06	5.39E-05	3.08E-04	0.00E+00	2.46E-04	0.00E+00	6.75E-06	4.06E-03	0.00E+00	0.00E+00	4.06E-03
2565	ALL	65	539045	4215579	NonCancer	0.00E+00	3.98E-05	0.00E+00	2.74E-06	2.74E-06	2.27E-05	1.28E-04	0.00E+00	1.01E-04	0.00E+00	2.74E-06	1.75E-03	0.00E+00	0.00E+00	1.75E-03
2566	ALL	66	539034.4	4215592	NonCancer	0.00E+00	3.75E-05	0.00E+00	2.57E-06	2.57E-06	2.14E-05	1.20E-04	0.00E+00	9.49E-05	0.00E+00	2.57E-06	1.65E-03	0.00E+00	0.00E+00	1.65E-03
2567	ALL	67	539054.9	4215557	NonCancer	0.00E+00	4.22E-05	0.00E+00	2.90E-06	2.90E-06	2.38E-05	1.35E-04	0.00E+00	1.07E-04	0.00E+00	2.90E-06	1.86E-03	0.00E+00	0.00E+00	1.86E-03
2568	ALL	68	539058.4	4215539	NonCancer	0.00E+00	4.31E-05	0.00E+00	2.96E-06	2.96E-06	2.40E-05	1.37E-04	0.00E+00	1.09E-04	0.00E+00	2.96E-06	1.89E-03	0.00E+00	0.00E+00	1.89E-03
2569	ALL	69	539054.9	4215521	NonCancer	0.00E+00	4.23E-05	0.00E+00	2.90E-06	2.90E-06	2.31E-05	1.34E-04	0.00E+00	1.07E-04	0.00E+00	2.90E-06	1.85E-03	0.00E+00	0.00E+00	1.85E-03
2570	ALL	70	539082.4	4215477	NonCancer	0.00E+00	4.94E-05	0.00E+00	3.38E-06	3.38E-06	2.64E-05	1.55E-04	0.00E+00	1.25E-04	0.00E+00	3.38E-06	2.15E-03	0.00E+00	0.00E+00	2.15E-03
2571	ALL	71	539074	4215466	NonCancer	0.00E+00	4.60E-05	0.00E+00	3.16E-06	3.16E-06	2.43E-05	1.45E-04	0.00E+00	1.16E-04	0.00E+00	3.16E-06	2.00E-03	0.00E+00	0.00E+00	2.00E-03
2572	ALL	72	539098.7	4215441	NonCancer	0.00E+00	5.09E-05	0.00E+00	3.49E-06	3.49E-06	2.65E-05	1.59E-04	0.00E+00	1.29E-04	0.00E+00	3.49E-06	2.21E-03	0.00E+00	0.00E+00	2.21E-03
2573	ALL	73	539109.3	4215427	NonCancer	0.00E+00	5.24E-05	0.00E+00	3.59E-06	3.59E-06	2.72E-05	1.64E-04	0.00E+00	1.33E-04	0.00E+00	3.59E-06	2.28E-03	0.00E+00	0.00E+00	2.28E-03
2574	ALL	74	539117.1	4215416	NonCancer	0.00E+00	5.36E-05	0.00E+00	3.67E-06	3.67E-06	2.77E-05	1.67E-04	0.00E+00	1.35E-04	0.00E+00	3.67E-06	2.33E-03	0.00E+00	0.00E+00	2.33E-03
2575	ALL	75	539125.6	4215401	NonCancer	0.00E+00	5.44E-05	0.00E+00	3.72E-06	3.72E-06	2.80E-05	1.70E-04	0.00E+00	1.37E-04	0.00E+00	3.72E-06	2.36E-03	0.00E+00	0.00E+00	2.36E-03
2576	ALL	76	539158.8	4215367	NonCancer	0.00E+00	6.02E-05	0.00E+00	4.12E-06	4.12E-06	3.17E-05	1.88E-04	0.00E+00	1.52E-04	0.00E+00	4.12E-06	2.60E-03	0.00E+00	0.00E+00	2.60E-03
2577	ALL	77	539150.3	4215357	NonCancer	0.00E+00	5.42E-05	0.00E+00	3.72E-06	3.72E-06	2.87E-05	1.69E-04	0.00E+00	1.37E-04	0.00E+00	3.72E-06	2.35E-03	0.00E+00	0.00E+00	2.35E-03
2578	ALL	78	539184.2	4215340	NonCancer	0.00E+00	6.31E-05	0.00E+00	4.33E-06	4.33E-06	3.50E-05	1.98E-04	0.00E+00	1.60E-04	0.00E+00	4.33E-06	2.76E-03	0.00E+00	0.00E+00	2.76E-03
2579	ALL	79	539222.4	4215325	NonCancer	0.00E+00	7.98E-05	0.00E+00	5.50E-06	5.50E-06	4.85E-05	2.52E-04	0.00E+00	2.02E-04	0.00E+00	5.50E-06	3.55E-03	0.00E+00	0.00E+00	3.55E-03
2580	ALL	80	539243.6	4215318	NonCancer	0.00E+00	9.38E-05	0.00E+00	6.48E-06	6.48E-06	5.89E-05	2.97E-04	0.00E+00	2.38E-04	0.00E+00	6.48E-06	4.16E-03	0.00E+00	0.00E+00	4.16E-03
2581	ALL	81	539371.5	4215194	NonCancer	0.00E+00	9.27E-05	0.00E+00	6.37E-06	6.37E-06	5.25E-05	2.92E-04	0.00E+00	2.33E-04	0.00E+00	6.37E-06	3.86E-03	0.00E+00	0.00E+00	3.86E-03
2582	ALL	82	539364.4	4215192	NonCancer	0.00E+00	9.03E-05	0.00E+00	6.21E-06	6.21E-06	5.15E-05	2.84E-04	0.00E+00	2.27E-04	0.00E+00	6.21E-06	3.77E-03	0.00E+00	0.00E+00	3.77E-03
2583	ALL	83	539344.6	4215200	NonCancer	0.00E+00	8.98E-05	0.00E+00	6.18E-06	6.18E-06	5.24E-05	2.83E-04	0.00E+00	2.26E-04	0.00E+00	6.18E-06	3.78E-03	0.00E+00	0.00E+00	3.78E-03
2584	ALL	84	539409.7	4215113	NonCancer	0.00E+00	6.46E-05	0.00E+00	4.44E-06	4.44E-06	3.54E-05	2.03E-04	0.00E+00	1.62E-04	0.00E+00	4.44E-06	2.68E-03	0.00E+00	0.00E+00	2.68E-03
2585	ALL	85	539355.9	4215137	NonCancer	0.00E+00	6.70E-05	0.00E+00	4.61E-06	4.61E-06	3.84E-05	2.11E-04	0.00E+00	1.68E-04	0.00E+00	4.61E-06	2.81E-03	0.00E+00	0.00E+00	2.81E-03
2586	ALL	86	539262.7	4215289	NonCancer	0.00E+00	9.65E-05	0.00E+00	6.66E-06	6.66E-06	6.00E-05	3.05E-04	0.00E+00	2.44E-04	0.00E+00	6.66E-06	4.22E-03	0.00E+00	0.00E+00	4.22E-03
2587	ALL	87	539282.4	4215261	NonCancer	0.00E+00	9.55E-05	0.00E+00	6.59E-06	6.59E-06	5.85E-05	3.02E-04	0.00E+00	2.41E-04	0.00E+00	6.59E-06	4.13E-03	0.00E+00	0.00E+00	4.13E-03
2588	ALL	88	539299.4	4215235	NonCancer	0.00E+00	9.05E-05	0.00E+00	6.25E-06	6.25E-06	5.48E-05	2.86E-04	0.00E+00	2.28E-04	0.00E+00	6.25E-06	3.88E-03	0.00E+00	0.00E+00	3.88E-03
2589	ALL	89	539168.9	4215648	NonCancer	0.00E+00	1.04E-04	0.00E+00	7.13E-06	7.13E-06	6.15E-05	3.29E-04	0.00E+00	2.63E-04	0.00E+00	7.13E-06	4.63E-03	0.00E+00	0.00E+00	4.63E-03
2590	ALL	90	538947.7	4216164	NonCancer	0.00E+00	1.15E-05	0.00E+00	8.22E-07	8.22E-07	1.51E-05	6.02E-05	0.00E+00	2.96E-05	0.00E+00	8.22E-07	5.83E-04	0.00E+00	0.00E+00	5.83E-04
2591	ALL	91	539352.1	4215798	NonCancer	0.00E+00	9.44E-05	0.00E+00	6.51E-06	6.51E-06	5.92E-05	3.20E-04	0.00E+00	2.40E-04	0.00E+00	6.51E-06	4.23E-03	0.00E+00	0.00E+00	4.23E-03
2592	ALL	Fence	539367.6	4215567	NonCancer	0.00E+00	2.99E-03	0.00E+00	2.02E-04	2.02E-04	7.77E-04	8.81E-03	0.00E+00	7.40E-03	0.00E+00	2.02E-04	1.11E-01	0.00E+00	0.00E+00	1.11E-01
2593	ALL	Fence	539278.3	4215505	NonCancer	0.00E+00	5.36E-04	0.00E+00	3.88E-05	3.88E-05	7.08E-04	1.90E-03	0.00E+00	1.39E-03	0.00E+00	3.88E-05	2.78E-02	0.00E+00	0.00E+00	2.78E-02
2594	ALL	Fence	539297.5	4215494	NonCancer	0.00E+00	8.03E-04	0.00E+00	6.15E-05	6.15E-05	1.73E-03	3.27E-03	0.00E+00	2.11E-03	0.00E+00	6.15E-05	4.60E-02	0.00E+00	0.00E+00	4.60E-02
2595	ALL	Fence	539323.7	4215486	NonCancer	0.00E+00	1.63E-03	0.00E+00	1.20E-04	1.20E-04	2.62E-03	6.07E-03	0.00E+00	4.23E-03	0.00E+00	1.20E-04	8.54E-02	0.00E+00	0.00E+00	8.54E-02
2596	ALL	Fence	539342.6	4215483	NonCancer	0.00E+00	2.79E-03	0.00E+00	1.96E-04	1.96E-04	2.46E-03	9.28E-03	0.00E+00	7.00E-03	0.00E+00	1.96E-04	1.18E-01	0.00E+00	0.00E+00	1.18E-01
2597	ALL	Fence	539367.2	4215481	NonCancer	0.00E+00	3.03E-03	0.00E+00	2.06E-04	2.06E-04	1.17E-03	9.26E-03	0.00E+00	7.45E-03	0.00E+00	2.06E-04	1.08E-01	0.00E+00	0.00E+00	1.08E-01
2598	ALL	Fence	539397.8	4215488	NonCancer	0.00E+00	1.36E-03	0.00E+00	9.20E-05	9.20E-05	3.83E-04	4.08E-03	0.00E+00	3.35E-03	0.00E+00	9.20E-05	4.81E-02	0.00E+00	0.00E+00	4.81E-02
2599	ALL	Fence	539352.7	4215556	NonCancer	0.00E+00	4.81E-03	0.00E+00	3.24E-04	3.24E-04	1.28E-03	1.41E-02	0.00E+00	1.19E-02	0.00E+00	3.24E-04	1.83E-01	0.00E+00	0.00E+00	1.83E-01
2600	ALL	Fence	539337.8	4215546	NonCancer	0.00E+00	5.59E-03	0.00E+00	3.80E-04	3.80E-04	2.23E-03	1.65E-02	0.00E+00	1.42E-02	0.00E+00	3.80E-04	2.46E-01	0.00E+00	0.00E+00	2.46E-01
2601	ALL	Fence	539322.9	4215536	NonCancer	0.00E+00	3.12E-03	0.00E+00	2.30E-04	2.30E-04	4.75E-03	1.16E-02	0.00E+00	7.97E-03	0.00E+00	2.30E-04	1.49E-01	0.00E+00	0.00E+00	1.49E-01
2602	ALL	Fence	539308.1	4215525	NonCancer	0.00E+00	1.61E-03	0.00E+00	1.29E-04	1.29E-04	4.56E-03	7.14E-03	0.00E+00	4.34E-03	0.00E+00	1.29E-04	1.06E-01	0.00E+00	0.00E+00	1.06E-01
2603	ALL	Fence	539293.2	4215515	NonCancer	0.00E+00	8.81E-04	0.00E+00	7.56E-05	7.56E-05	3.53E-03	4.62E-03	0.00E+00	2.40E-03	0.00E+00	7.56E-05	6.18E-02	0.00E+00	0.00E+00	6.18E-02
2604	ALL	Fence	539287.9	4215499	NonCancer	0.00E+00	6.55E-04	0.00E+00	4.92E-05	4.92E-05	1.23E-03	2.55E-03	0.00E+00	1.71E-03	0.00E+00	4.92E-05	3.62E-02	0.00E+00	0.00E+00	3.62E-02
2605	ALL	Fence	539310.6	4215490	NonCancer	0.00E+00	1.12E-03	0.00E+00	8.62E-05	8.62E-05	2.44E-03	4.57E-03	0.00E+00	2.97E-03	0.00E+00	8.62E-05	6.50E-02	0.00E+00	0.00E+00	6.50E-02
2606	ALL	Fence	539354.9	4215482	NonCancer	0.00E+00	3.32E-03	0.00E+00	2.29E-04	2.29E-04	1.91E-03	1.05E-02	0.00E+00	8.22E-03	0.00E+00	2.29E-04	1.26E-01	0.00E+00	0.00E+00	1.26E-01

***HARP - HRACalc v21081 7/23/2025 9:05:57 AM - Chronic Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Chronic_WkrHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2607	ALL	Fence	539382.5	4215485	NonCancer	0.00E+00	2.22E-03	0.00E+00	1.50E-04	1.50E-04	6.16E-04	6.64E-03	0.00E+00	5.44E-03	0.00E+00	1.50E-04	7.69E-02	0.00E+00	0.00E+00	7.69E-02
2608	ALL	Fence	539391.7	4215504	NonCancer	0.00E+00	2.08E-03	0.00E+00	1.41E-04	1.41E-04	5.53E-04	6.23E-03	0.00E+00	5.11E-03	0.00E+00	1.41E-04	7.18E-02	0.00E+00	0.00E+00	7.18E-02
2609	ALL	Fence	539385.7	4215519	NonCancer	0.00E+00	3.52E-03	0.00E+00	2.37E-04	2.37E-04	8.13E-04	1.05E-02	0.00E+00	8.60E-03	0.00E+00	2.37E-04	1.18E-01	0.00E+00	0.00E+00	1.18E-01
2610	ALL	Fence	539379.7	4215535	NonCancer	0.00E+00	5.29E-03	0.00E+00	3.55E-04	3.55E-04	1.02E-03	1.56E-02	0.00E+00	1.29E-02	0.00E+00	3.55E-04	1.74E-01	0.00E+00	0.00E+00	1.74E-01
2611	ALL	Fence	539373.7	4215551	NonCancer	0.00E+00	4.70E-03	0.00E+00	3.16E-04	3.16E-04	9.75E-04	1.38E-02	0.00E+00	1.15E-02	0.00E+00	3.16E-04	1.60E-01	0.00E+00	0.00E+00	1.60E-01

*HARP - HRACalc v21081 7/17/2025 11:52:45 AM - Acute Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_AcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2501	ALL	1	539341.8	4215429	NonCancer	0.00E+00	8.08E-03	2.58E-01	0.00E+00	0.00E+00	2.58E-01	8.27E-03	0.00E+00	9.59E-03	0.00E+00	0.00E+00	2.58E-01	0.00E+00	0.00E+00	2.58E-01
2502	ALL	2	539351.8	4215429	NonCancer	0.00E+00	8.06E-03	2.57E-01	0.00E+00	0.00E+00	2.57E-01	8.26E-03	0.00E+00	9.55E-03	0.00E+00	0.00E+00	2.57E-01	0.00E+00	0.00E+00	2.57E-01
2503	ALL	3	539361.8	4215429	NonCancer	0.00E+00	7.96E-03	2.53E-01	0.00E+00	0.00E+00	2.53E-01	8.15E-03	0.00E+00	9.43E-03	0.00E+00	0.00E+00	2.53E-01	0.00E+00	0.00E+00	2.53E-01
2504	ALL	4	539371.8	4215429	NonCancer	0.00E+00	8.07E-03	2.55E-01	0.00E+00	0.00E+00	2.55E-01	8.26E-03	0.00E+00	9.54E-03	0.00E+00	0.00E+00	2.55E-01	0.00E+00	0.00E+00	2.55E-01
2505	ALL	5	539381.8	4215429	NonCancer	0.00E+00	7.90E-03	2.50E-01	0.00E+00	0.00E+00	2.50E-01	8.08E-03	0.00E+00	9.30E-03	0.00E+00	0.00E+00	2.50E-01	0.00E+00	0.00E+00	2.50E-01
2506	ALL	6	539341.8	4215439	NonCancer	0.00E+00	9.06E-03	2.90E-01	0.00E+00	0.00E+00	2.91E-01	9.28E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	2.90E-01	0.00E+00	0.00E+00	2.91E-01
2507	ALL	7	539351.8	4215439	NonCancer	0.00E+00	9.09E-03	2.90E-01	0.00E+00	0.00E+00	2.90E-01	9.30E-03	0.00E+00	1.08E-02	0.00E+00	0.00E+00	2.90E-01	0.00E+00	0.00E+00	2.90E-01
2508	ALL	8	539361.8	4215439	NonCancer	0.00E+00	8.97E-03	2.86E-01	0.00E+00	0.00E+00	2.86E-01	9.19E-03	0.00E+00	1.07E-02	0.00E+00	0.00E+00	2.86E-01	0.00E+00	0.00E+00	2.86E-01
2509	ALL	9	539371.8	4215439	NonCancer	0.00E+00	8.97E-03	2.84E-01	0.00E+00	0.00E+00	2.84E-01	9.18E-03	0.00E+00	1.06E-02	0.00E+00	0.00E+00	2.84E-01	0.00E+00	0.00E+00	2.84E-01
2510	ALL	10	539381.8	4215439	NonCancer	0.00E+00	8.72E-03	2.76E-01	0.00E+00	0.00E+00	2.76E-01	8.92E-03	0.00E+00	1.03E-02	0.00E+00	0.00E+00	2.76E-01	0.00E+00	0.00E+00	2.76E-01
2511	ALL	11	539341.8	4215449	NonCancer	0.00E+00	1.05E-02	3.38E-01	0.00E+00	0.00E+00	3.38E-01	1.08E-02	0.00E+00	1.25E-02	0.00E+00	0.00E+00	3.38E-01	0.00E+00	0.00E+00	3.38E-01
2512	ALL	12	539351.8	4215449	NonCancer	0.00E+00	1.04E-02	3.33E-01	0.00E+00	0.00E+00	3.33E-01	1.07E-02	0.00E+00	1.23E-02	0.00E+00	0.00E+00	3.33E-01	0.00E+00	0.00E+00	3.33E-01
2513	ALL	13	539361.8	4215449	NonCancer	0.00E+00	1.05E-02	3.32E-01	0.00E+00	0.00E+00	3.32E-01	1.07E-02	0.00E+00	1.24E-02	0.00E+00	0.00E+00	3.32E-01	0.00E+00	0.00E+00	3.32E-01
2514	ALL	14	539371.8	4215449	NonCancer	0.00E+00	1.04E-02	3.29E-01	0.00E+00	0.00E+00	3.29E-01	1.06E-02	0.00E+00	1.22E-02	0.00E+00	0.00E+00	3.29E-01	0.00E+00	0.00E+00	3.29E-01
2515	ALL	15	539381.8	4215449	NonCancer	0.00E+00	9.71E-03	3.06E-01	0.00E+00	0.00E+00	3.06E-01	9.92E-03	0.00E+00	1.14E-02	0.00E+00	0.00E+00	3.06E-01	0.00E+00	0.00E+00	3.06E-01
2516	ALL	16	539341.8	4215459	NonCancer	0.00E+00	1.24E-02	3.98E-01	0.00E+00	0.00E+00	3.98E-01	1.27E-02	0.00E+00	1.47E-02	0.00E+00	0.00E+00	3.98E-01	0.00E+00	0.00E+00	3.98E-01
2517	ALL	17	539351.8	4215459	NonCancer	0.00E+00	1.21E-02	3.86E-01	0.00E+00	0.00E+00	3.86E-01	1.24E-02	0.00E+00	1.43E-02	0.00E+00	0.00E+00	3.86E-01	0.00E+00	0.00E+00	3.86E-01
2518	ALL	18	539361.8	4215459	NonCancer	0.00E+00	1.23E-02	3.90E-01	0.00E+00	0.00E+00	3.90E-01	1.26E-02	0.00E+00	1.45E-02	0.00E+00	0.00E+00	3.90E-01	0.00E+00	0.00E+00	3.90E-01
2519	ALL	19	539371.8	4215459	NonCancer	0.00E+00	1.20E-02	3.80E-01	0.00E+00	0.00E+00	3.80E-01	1.23E-02	0.00E+00	1.41E-02	0.00E+00	0.00E+00	3.80E-01	0.00E+00	0.00E+00	3.80E-01
2520	ALL	20	539381.8	4215459	NonCancer	0.00E+00	1.12E-02	3.51E-01	0.00E+00	0.00E+00	3.51E-01	1.15E-02	0.00E+00	1.31E-02	0.00E+00	0.00E+00	3.51E-01	0.00E+00	0.00E+00	3.51E-01
2521	ALL	21	539341.8	4215469	NonCancer	0.00E+00	1.47E-02	4.70E-01	0.00E+00	0.00E+00	4.70E-01	1.50E-02	0.00E+00	1.73E-02	0.00E+00	0.00E+00	4.70E-01	0.00E+00	0.00E+00	4.70E-01
2522	ALL	22	539351.8	4215469	NonCancer	0.00E+00	1.42E-02	4.55E-01	0.00E+00	0.00E+00	4.55E-01	1.46E-02	0.00E+00	1.69E-02	0.00E+00	0.00E+00	4.55E-01	0.00E+00	0.00E+00	4.55E-01
2523	ALL	23	539361.8	4215469	NonCancer	0.00E+00	1.46E-02	4.63E-01	0.00E+00	0.00E+00	4.63E-01	1.49E-02	0.00E+00	1.71E-02	0.00E+00	0.00E+00	4.63E-01	0.00E+00	0.00E+00	4.63E-01
2524	ALL	24	539371.8	4215469	NonCancer	0.00E+00	1.37E-02	4.32E-01	0.00E+00	0.00E+00	4.32E-01	1.40E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	4.32E-01	0.00E+00	0.00E+00	4.32E-01
2525	ALL	25	539381.8	4215469	NonCancer	0.00E+00	1.32E-02	4.07E-01	0.00E+00	0.00E+00	4.07E-01	1.34E-02	0.00E+00	1.51E-02	0.00E+00	0.00E+00	4.07E-01	0.00E+00	0.00E+00	4.07E-01
2526	ALL	26	539113.9	4215518	NonCancer	0.00E+00	2.58E-03	8.42E-02	0.00E+00	0.00E+00	8.42E-02	2.64E-03	0.00E+00	3.07E-03	0.00E+00	0.00E+00	8.42E-02	0.00E+00	0.00E+00	8.42E-02
2527	ALL	27	539096.5	4215516	NonCancer	0.00E+00	2.37E-03	7.70E-02	0.00E+00	0.00E+00	7.70E-02	2.43E-03	0.00E+00	2.82E-03	0.00E+00	0.00E+00	7.70E-02	0.00E+00	0.00E+00	7.70E-02
2528	ALL	28	539108.3	4215501	NonCancer	0.00E+00	2.54E-03	8.26E-02	0.00E+00	0.00E+00	8.26E-02	2.61E-03	0.00E+00	3.12E-03	0.00E+00	0.00E+00	8.26E-02	0.00E+00	0.00E+00	8.26E-02
2529	ALL	29	539096	4215501	NonCancer	0.00E+00	2.39E-03	7.76E-02	0.00E+00	0.00E+00	7.76E-02	2.46E-03	0.00E+00	2.93E-03	0.00E+00	0.00E+00	7.76E-02	0.00E+00	0.00E+00	7.76E-02
2530	ALL	30	539108.3	4215486	NonCancer	0.00E+00	2.47E-03	8.09E-02	0.00E+00	0.00E+00	8.10E-02	2.55E-03	0.00E+00	3.05E-03	0.00E+00	0.00E+00	8.09E-02	0.00E+00	0.00E+00	8.10E-02
2531	ALL	31	539094.5	4215485	NonCancer	0.00E+00	2.31E-03	7.53E-02	0.00E+00	0.00E+00	7.54E-02	2.38E-03	0.00E+00	2.84E-03	0.00E+00	0.00E+00	7.53E-02	0.00E+00	0.00E+00	7.54E-02
2532	ALL	32	539135.3	4215461	NonCancer	0.00E+00	2.83E-03	9.23E-02	0.00E+00	0.00E+00	9.23E-02	2.91E-03	0.00E+00	3.48E-03	0.00E+00	0.00E+00	9.23E-02	0.00E+00	0.00E+00	9.23E-02
2533	ALL	33	539150.1	4215440	NonCancer	0.00E+00	2.98E-03	9.66E-02	0.00E+00	0.00E+00	9.66E-02	3.07E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	9.66E-02	0.00E+00	0.00E+00	9.66E-02
2534	ALL	34	539114.4	4215453	NonCancer	0.00E+00	2.50E-03	8.15E-02	0.00E+00	0.00E+00	8.15E-02	2.58E-03	0.00E+00	3.08E-03	0.00E+00	0.00E+00	8.15E-02	0.00E+00	0.00E+00	8.15E-02
2535	ALL	35	539123.1	4215439	NonCancer	0.00E+00	2.58E-03	8.32E-02	0.00E+00	0.00E+00	8.32E-02	2.65E-03	0.00E+00	3.15E-03	0.00E+00	0.00E+00	8.32E-02	0.00E+00	0.00E+00	8.32E-02
2536	ALL	36	539159.3	4215421	NonCancer	0.00E+00	2.89E-03	9.40E-02	0.00E+00	0.00E+00	9.40E-02	2.98E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	9.40E-02	0.00E+00	0.00E+00	9.40E-02
2537	ALL	37	539145	4215416	NonCancer	0.00E+00	2.62E-03	8.53E-02	0.00E+00	0.00E+00	8.53E-02	2.70E-03	0.00E+00	3.22E-03	0.00E+00	0.00E+00	8.53E-02	0.00E+00	0.00E+00	8.53E-02
2538	ALL	38	539134.3	4215411	NonCancer	0.00E+00	2.45E-03	7.96E-02	0.00E+00	0.00E+00	7.96E-02	2.52E-03	0.00E+00	3.01E-03	0.00E+00	0.00E+00	7.96E-02	0.00E+00	0.00E+00	7.96E-02
2539	ALL	39	539131.8	4215425	NonCancer	0.00E+00	2.52E-03	8.20E-02	0.00E+00	0.00E+00	8.20E-02	2.60E-03	0.00E+00	3.11E-03	0.00E+00	0.00E+00	8.20E-02	0.00E+00	0.00E+00	8.20E-02
2540	ALL	40	539206.8	4215384	NonCancer	0.00E+00	3.27E-03	1.06E-01	0.00E+00	0.00E+00	1.06E-01	3.36E-03	0.00E+00	3.98E-03	0.00E+00	0.00E+00	1.06E-01	0.00E+00	0.00E+00	1.06E-01
2541	ALL	41	539216	4215373	NonCancer	0.00E+00	3.27E-03	1.05E-01	0.00E+00	0.00E+00	1.06E-01	3.36E-03	0.00E+00	3.96E-03	0.00E+00	0.00E+00	1.05E-01	0.00E+00	0.00E+00	1.06E-01
2542	ALL	42	539188.9	4215382	NonCancer	0.00E+00	3.01E-03	9.71E-02	0.00E+00	0.00E+00	9.72E-02	3.09E-03	0.00E+00	3.66E-03	0.00E+00	0.00E+00	9.71E-02	0.00E+00	0.00E+00	9.72E-02
2543	ALL	43	539176.2	4215380	NonCancer	0.00E+00	2.82E-03	9.12E-02	0.00E+00	0.00E+00	9.12E-02	2.90E-03	0.00E+00	3.44E-03	0.00E+00	0.00E+00	9.12E-02	0.00E+00	0.00E+00	9.12E-02
2544	ALL	44	539165.4	4215376	NonCancer	0.00E+00	2.63E-03	8.49E-02	0.00E+00	0.00E+00	8.49E-02	2.70E-03	0.00E+00	3.21E-03	0.00E+00	0.00E+00	8.49E-02	0.00E+00	0.00E+00	8.49E-02
2545	ALL	45	539248.8	4215357	NonCancer	0.00E+00	3.31E-03	1.07E-01	0.00E+00	0.00E+00	1.07E-01	3.40E-03	0.00E+00	4.01E-03	0.00E+00	0.00E+00	1.07E-01	0.00E+00	0.00E+00	1.07E-01
2546	ALL	46	539243.5	4215348	NonCancer	0.00E+00	3.10E-03	9.99E-02	0.00E+00	0.00E+00	9.99E-02	3.18E-03	0.00E+00	3.76E-03	0.00E+00	0.00E+00	9.99E-02	0.00E+00	0.00E+00	9.99E-02
2547	ALL	47	539265.6	4215345	NonCancer	0.00E+00	3.31E-03	1.06E-01	0.00E+00	0.00E+00	1.06E-01	3.40E-03	0.00E+00	3.99E-03	0.00E+00	0.00E+00	1.06E-01	0.00E+00	0.00E+00	1.06E-01
2548	ALL	48	539260.8	4215338	NonCancer	0.00E+00	3.12E-03	9.98E-02	0.00E+00	0.00E+00	9.99E-02	3.20E-03	0.00E+00	3.76E-03	0.00E+00	0.00E+00	9.98E-02	0.00E+00	0.00E+00	9.99E-02
2549	ALL	49	539256.3	4215351	NonCancer	0.00E+00	3.38E-03	1.08E-01	0.00E+00	0.00E+00	1.08E-01	3.47E-03	0.00E+00	4.07E-03	0.00E+00	0.00E+00	1.08E-01	0.00E+00	0.00E+00	1.08E-01
2550	ALL	50	539272.8	4215332	NonCancer	0.00E+00	3.15E-03	1.01E-01	0.00E+00	0.00E+00	1.01E-01	3.23E-03	0.00E+00	3.79E-03	0.00E+00	0.00E+00	1.01E-01	0.00E+00	0.00E+00	1.01E-01
2551	ALL	51	539264.8	4215325	NonCancer	0.00E+00	2.96E-03	9.45E-02	0.00E+00	0.00E+00	9.45E-02	3.03E-03	0.00E+00	3.56E-03	0.00E+00	0.00E+00	9.45E-02	0.00E+00	0.00E+00	9.45E-02
2552	ALL	52	539280.8	4215322	NonCancer	0.00E+00	3.02E-03	9.67E-02	0.00E+00	0.00E+00	9.67E-02	3.10E-03	0.00E+00	3.63E-03	0.00E+00	0.00E+00	9.67E-02	0.00E+00	0.00E+00	9.67E-02
2553	ALL	53	539280	4215307	NonCancer	0.00E+00	2.75E-03	8.83E-02	0.00E+00	0.00E+00	8.83E-02	2.82E-03	0.00E+00	3.32E-03	0.00E+00	0.00E+00	8.83E-02	0.00E+00	0.00E+00	8.83E-02

*HARP - HRACalc v21081 7/17/2025 11:52:45 AM - Acute Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_AcuteHRAInput.hra

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2554	ALL	54	539288	4215314	NonCancer	0.00E+00	2.93E-03	9.36E-02	0.00E+00	0.00E+00	9.36E-02	3.00E-03	0.00E+00	3.52E-03	0.00E+00	0.00E+00	9.36E-02	0.00E+00	0.00E+00	9.36E-02
2555	ALL	55	539297.8	4215305	NonCancer	0.00E+00	2.87E-03	9.13E-02	0.00E+00	0.00E+00	9.13E-02	2.94E-03	0.00E+00	3.43E-03	0.00E+00	0.00E+00	9.13E-02	0.00E+00	0.00E+00	9.13E-02
2556	ALL	56	539289.6	4215296	NonCancer	0.00E+00	2.68E-03	8.52E-02	0.00E+00	0.00E+00	8.52E-02	2.75E-03	0.00E+00	3.21E-03	0.00E+00	0.00E+00	8.52E-02	0.00E+00	0.00E+00	8.52E-02
2557	ALL	57	539311.2	4215288	NonCancer	0.00E+00	2.63E-03	8.38E-02	0.00E+00	0.00E+00	8.39E-02	2.70E-03	0.00E+00	3.15E-03	0.00E+00	0.00E+00	8.38E-02	0.00E+00	0.00E+00	8.39E-02
2558	ALL	58	539303.7	4215281	NonCancer	0.00E+00	2.60E-03	8.24E-02	0.00E+00	0.00E+00	8.24E-02	2.67E-03	0.00E+00	3.10E-03	0.00E+00	0.00E+00	8.24E-02	0.00E+00	0.00E+00	8.24E-02
2559	ALL	59	539303.7	4215296	NonCancer	0.00E+00	2.82E-03	8.93E-02	0.00E+00	0.00E+00	8.93E-02	2.89E-03	0.00E+00	3.36E-03	0.00E+00	0.00E+00	8.93E-02	0.00E+00	0.00E+00	8.93E-02
2560	ALL	60	539314.3	4215272	NonCancer	0.00E+00	2.37E-03	7.57E-02	0.00E+00	0.00E+00	7.58E-02	2.43E-03	0.00E+00	2.85E-03	0.00E+00	0.00E+00	7.57E-02	0.00E+00	0.00E+00	7.58E-02
2561	ALL	61	539329.1	4215260	NonCancer	0.00E+00	2.31E-03	7.33E-02	0.00E+00	0.00E+00	7.33E-02	2.37E-03	0.00E+00	2.76E-03	0.00E+00	0.00E+00	7.33E-02	0.00E+00	0.00E+00	7.33E-02
2562	ALL	62	539339.7	4215237	NonCancer	0.00E+00	2.09E-03	6.62E-02	0.00E+00	0.00E+00	6.62E-02	2.14E-03	0.00E+00	2.50E-03	0.00E+00	0.00E+00	6.62E-02	0.00E+00	0.00E+00	6.62E-02
2563	ALL	63	539357.4	4215233	NonCancer	0.00E+00	2.05E-03	6.48E-02	0.00E+00	0.00E+00	6.48E-02	2.10E-03	0.00E+00	2.44E-03	0.00E+00	0.00E+00	6.48E-02	0.00E+00	0.00E+00	6.48E-02
2564	ALL	64	539394.1	4215200	NonCancer	0.00E+00	1.71E-03	5.45E-02	0.00E+00	0.00E+00	5.45E-02	1.76E-03	0.00E+00	2.06E-03	0.00E+00	0.00E+00	5.45E-02	0.00E+00	0.00E+00	5.45E-02
2565	ALL	65	539045	4215579	NonCancer	0.00E+00	1.28E-03	4.18E-02	0.00E+00	0.00E+00	4.18E-02	1.33E-03	0.00E+00	1.61E-03	0.00E+00	0.00E+00	4.18E-02	0.00E+00	0.00E+00	4.18E-02
2566	ALL	66	539034.4	4215592	NonCancer	0.00E+00	1.20E-03	3.91E-02	0.00E+00	0.00E+00	3.91E-02	1.24E-03	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.91E-02	0.00E+00	0.00E+00	3.91E-02
2567	ALL	67	539054.9	4215557	NonCancer	0.00E+00	1.37E-03	4.47E-02	0.00E+00	0.00E+00	4.47E-02	1.42E-03	0.00E+00	1.73E-03	0.00E+00	0.00E+00	4.47E-02	0.00E+00	0.00E+00	4.47E-02
2568	ALL	68	539058.4	4215539	NonCancer	0.00E+00	1.41E-03	4.75E-02	0.00E+00	0.00E+00	4.75E-02	1.46E-03	0.00E+00	1.78E-03	0.00E+00	0.00E+00	4.75E-02	0.00E+00	0.00E+00	4.75E-02
2569	ALL	69	539054.9	4215521	NonCancer	0.00E+00	1.82E-03	5.97E-02	0.00E+00	0.00E+00	5.97E-02	1.87E-03	0.00E+00	2.16E-03	0.00E+00	0.00E+00	5.97E-02	0.00E+00	0.00E+00	5.97E-02
2570	ALL	70	539082.4	4215477	NonCancer	0.00E+00	2.10E-03	6.88E-02	0.00E+00	0.00E+00	6.88E-02	2.16E-03	0.00E+00	2.60E-03	0.00E+00	0.00E+00	6.88E-02	0.00E+00	0.00E+00	6.88E-02
2571	ALL	71	539074	4215466	NonCancer	0.00E+00	2.11E-03	6.81E-02	0.00E+00	0.00E+00	6.82E-02	2.17E-03	0.00E+00	2.57E-03	0.00E+00	0.00E+00	6.81E-02	0.00E+00	0.00E+00	6.82E-02
2572	ALL	72	539098.7	4215441	NonCancer	0.00E+00	2.26E-03	7.34E-02	0.00E+00	0.00E+00	7.34E-02	2.32E-03	0.00E+00	2.78E-03	0.00E+00	0.00E+00	7.34E-02	0.00E+00	0.00E+00	7.34E-02
2573	ALL	73	539109.3	4215427	NonCancer	0.00E+00	2.36E-03	7.58E-02	0.00E+00	0.00E+00	7.58E-02	2.43E-03	0.00E+00	2.89E-03	0.00E+00	0.00E+00	7.58E-02	0.00E+00	0.00E+00	7.58E-02
2574	ALL	74	539117.1	4215416	NonCancer	0.00E+00	2.27E-03	7.37E-02	0.00E+00	0.00E+00	7.37E-02	2.33E-03	0.00E+00	2.79E-03	0.00E+00	0.00E+00	7.37E-02	0.00E+00	0.00E+00	7.37E-02
2575	ALL	75	539125.6	4215401	NonCancer	0.00E+00	2.34E-03	7.56E-02	0.00E+00	0.00E+00	7.56E-02	2.40E-03	0.00E+00	2.87E-03	0.00E+00	0.00E+00	7.56E-02	0.00E+00	0.00E+00	7.56E-02
2576	ALL	76	539158.8	4215367	NonCancer	0.00E+00	2.50E-03	8.06E-02	0.00E+00	0.00E+00	8.06E-02	2.57E-03	0.00E+00	3.04E-03	0.00E+00	0.00E+00	8.06E-02	0.00E+00	0.00E+00	8.06E-02
2577	ALL	77	539150.3	4215357	NonCancer	0.00E+00	2.44E-03	7.86E-02	0.00E+00	0.00E+00	7.86E-02	2.51E-03	0.00E+00	2.96E-03	0.00E+00	0.00E+00	7.86E-02	0.00E+00	0.00E+00	7.86E-02
2578	ALL	78	539184.2	4215340	NonCancer	0.00E+00	2.51E-03	8.07E-02	0.00E+00	0.00E+00	8.07E-02	2.57E-03	0.00E+00	3.03E-03	0.00E+00	0.00E+00	8.07E-02	0.00E+00	0.00E+00	8.07E-02
2579	ALL	79	539222.4	4215325	NonCancer	0.00E+00	2.63E-03	8.42E-02	0.00E+00	0.00E+00	8.42E-02	2.70E-03	0.00E+00	3.18E-03	0.00E+00	0.00E+00	8.42E-02	0.00E+00	0.00E+00	8.42E-02
2580	ALL	80	539243.6	4215318	NonCancer	0.00E+00	2.68E-03	8.59E-02	0.00E+00	0.00E+00	8.59E-02	2.75E-03	0.00E+00	3.24E-03	0.00E+00	0.00E+00	8.59E-02	0.00E+00	0.00E+00	8.59E-02
2581	ALL	81	539371.5	4215194	NonCancer	0.00E+00	1.70E-03	5.39E-02	0.00E+00	0.00E+00	5.39E-02	1.74E-03	0.00E+00	2.05E-03	0.00E+00	0.00E+00	5.39E-02	0.00E+00	0.00E+00	5.39E-02
2582	ALL	82	539364.4	4215192	NonCancer	0.00E+00	1.70E-03	5.37E-02	0.00E+00	0.00E+00	5.37E-02	1.74E-03	0.00E+00	2.03E-03	0.00E+00	0.00E+00	5.37E-02	0.00E+00	0.00E+00	5.37E-02
2583	ALL	83	539344.6	4215200	NonCancer	0.00E+00	1.76E-03	5.58E-02	0.00E+00	0.00E+00	5.59E-02	1.81E-03	0.00E+00	2.12E-03	0.00E+00	0.00E+00	5.58E-02	0.00E+00	0.00E+00	5.59E-02
2584	ALL	84	539409.7	4215113	NonCancer	0.00E+00	1.27E-03	4.03E-02	0.00E+00	0.00E+00	4.03E-02	1.31E-03	0.00E+00	1.53E-03	0.00E+00	0.00E+00	4.03E-02	0.00E+00	0.00E+00	4.03E-02
2585	ALL	85	539355.9	4215137	NonCancer	0.00E+00	1.41E-03	4.45E-02	0.00E+00	0.00E+00	4.45E-02	1.45E-03	0.00E+00	1.69E-03	0.00E+00	0.00E+00	4.45E-02	0.00E+00	0.00E+00	4.45E-02
2586	ALL	86	539262.7	4215289	NonCancer	0.00E+00	2.48E-03	7.90E-02	0.00E+00	0.00E+00	7.91E-02	2.54E-03	0.00E+00	2.98E-03	0.00E+00	0.00E+00	7.90E-02	0.00E+00	0.00E+00	7.91E-02
2587	ALL	87	539282.4	4215261	NonCancer	0.00E+00	2.24E-03	7.12E-02	0.00E+00	0.00E+00	7.13E-02	2.30E-03	0.00E+00	2.69E-03	0.00E+00	0.00E+00	7.12E-02	0.00E+00	0.00E+00	7.13E-02
2588	ALL	88	539299.4	4215235	NonCancer	0.00E+00	2.04E-03	6.47E-02	0.00E+00	0.00E+00	6.47E-02	2.09E-03	0.00E+00	2.44E-03	0.00E+00	0.00E+00	6.47E-02	0.00E+00	0.00E+00	6.47E-02
2589	ALL	89	539168.9	4215648	NonCancer	0.00E+00	2.06E-03	6.77E-02	0.00E+00	0.00E+00	6.77E-02	2.13E-03	0.00E+00	2.57E-03	0.00E+00	0.00E+00	6.77E-02	0.00E+00	0.00E+00	6.77E-02
2590	ALL	90	538947.7	4216164	NonCancer	0.00E+00	4.78E-04	1.54E-02	0.00E+00	0.00E+00	1.54E-02	4.93E-04	0.00E+00	6.21E-04	0.00E+00	0.00E+00	1.54E-02	0.00E+00	0.00E+00	1.54E-02
2591	ALL	91	539352.1	4215798	NonCancer	0.00E+00	1.75E-03	5.61E-02	0.00E+00	0.00E+00	5.61E-02	1.79E-03	0.00E+00	2.15E-03	0.00E+00	0.00E+00	5.61E-02	0.00E+00	0.00E+00	5.61E-02
2592	ALL	Fence	539367.6	4215567	NonCancer	0.00E+00	1.78E-02	5.73E-01	0.00E+00	0.00E+00	5.73E-01	1.81E-02	0.00E+00	1.96E-02	0.00E+00	0.00E+00	5.73E-01	0.00E+00	0.00E+00	5.73E-01
2593	ALL	Fence	539278.3	4215505	NonCancer	0.00E+00	1.09E-02	3.91E-01	0.00E+00	0.00E+00	3.91E-01	1.14E-02	0.00E+00	1.48E-02	0.00E+00	0.00E+00	3.91E-01	0.00E+00	0.00E+00	3.91E-01
2594	ALL	Fence	539297.5	4215494	NonCancer	0.00E+00	1.32E-02	4.58E-01	0.00E+00	0.00E+00	4.58E-01	1.37E-02	0.00E+00	1.68E-02	0.00E+00	0.00E+00	4.58E-01	0.00E+00	0.00E+00	4.58E-01
2595	ALL	Fence	539323.7	4215486	NonCancer	0.00E+00	1.72E-02	5.67E-01	0.00E+00	0.00E+00	5.67E-01	1.76E-02	0.00E+00	2.06E-02	0.00E+00	0.00E+00	5.67E-01	0.00E+00	0.00E+00	5.67E-01
2596	ALL	Fence	539342.6	4215483	NonCancer	0.00E+00	1.87E-02	6.06E-01	0.00E+00	0.00E+00	6.06E-01	1.92E-02	0.00E+00	2.23E-02	0.00E+00	0.00E+00	6.06E-01	0.00E+00	0.00E+00	6.06E-01
2597	ALL	Fence	539367.2	4215481	NonCancer	0.00E+00	1.75E-02	5.49E-01	0.00E+00	0.00E+00	5.49E-01	1.79E-02	0.00E+00	2.04E-02	0.00E+00	0.00E+00	5.49E-01	0.00E+00	0.00E+00	5.49E-01
2598	ALL	Fence	539397.8	4215488	NonCancer	0.00E+00	1.12E-02	3.52E-01	0.00E+00	0.00E+00	3.52E-01	1.15E-02	0.00E+00	1.33E-02	0.00E+00	0.00E+00	3.52E-01	0.00E+00	0.00E+00	3.52E-01
2599	ALL	Fence	539352.7	4215556	NonCancer	0.00E+00	2.29E-02	7.73E-01	0.00E+00	0.00E+00	7.73E-01	2.32E-02	0.00E+00	2.51E-02	0.00E+00	0.00E+00	7.73E-01	0.00E+00	0.00E+00	7.73E-01
2600	ALL	Fence	539337.8	4215546	NonCancer	0.00E+00	3.63E-02	1.22E+00	0.00E+00	0.00E+00	1.22E+00	3.67E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.22E+00	0.00E+00	0.00E+00	1.22E+00
2601	ALL	Fence	539322.9	4215536	NonCancer	0.00E+00	2.06E-02	7.31E-01	0.00E+00	0.00E+00	7.31E-01	2.13E-02	0.00E+00	2.58E-02	0.00E+00	0.00E+00	7.31E-01	0.00E+00	0.00E+00	7.31E-01
2602	ALL	Fence	539308.1	4215525	NonCancer	0.00E+00	1.89E-02	7.10E-01	0.00E+00	0.00E+00	7.10E-01	1.96E-02	0.00E+00	2.38E-02	0.00E+00	0.00E+00	7.10E-01	0.00E+00	0.00E+00	7.10E-01
2603	ALL	Fence	539293.2	4215515	NonCancer	0.00E+00	1.42E-02	5.22E-01	0.00E+00	0.00E+00	5.22E-01	1.49E-02	0.00E+00	1.95E-02	0.00E+00	0.00E+00	5.22E-01	0.00E+00	0.00E+00	5.22E-01
2604	ALL	Fence	539287.9	4215499	NonCancer	0.00E+00	1.23E-02	4.26E-01	0.00E+00	0.00E+00	4.26E-01	1.28E-02	0.00E+00	1.60E-02	0.00E+00	0.00E+00	4.26E-01	0.00E+00	0.00E+00	4.26E-01
2605	ALL	Fence	539310.6	4215490	NonCancer	0.00E+00	1.50E-02	5.10E-01	0.00E+00	0.00E+00	5.10E-01	1.55E-02	0.00E+00	1.87E-02	0.00E+00	0.00E+00	5.10E-01	0.00E+00	0.00E+00	5.10E-01
2606	ALL	Fence	539354.9	4215482	NonCancer	0.00E+00	1.85E-02	5.91E-01	0.00E+00	0.00E+00	5.92E-01	1.89E-02	0.00E+00	2.19E-02	0.00E+00	0.00E+00	5.91E-01	0.00E+00	0.00E+00	5.92E-01

***HARP - HRACalc v21081 7/17/2025 11:52:45 AM - Acute Risk - Input File: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_AcuteHRAInput.hra**

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
2607	ALL	Fence	539382.5	4215485	NonCancer	0.00E+00	1.57E-02	4.89E-01	0.00E+00	0.00E+00	4.89E-01	1.61E-02	0.00E+00	1.83E-02	0.00E+00	0.00E+00	4.89E-01	0.00E+00	0.00E+00	4.89E-01
2608	ALL	Fence	539391.7	4215504	NonCancer	0.00E+00	1.66E-02	5.26E-01	0.00E+00	0.00E+00	5.27E-01	1.69E-02	0.00E+00	1.89E-02	0.00E+00	0.00E+00	5.26E-01	0.00E+00	0.00E+00	5.27E-01
2609	ALL	Fence	539385.7	4215519	NonCancer	0.00E+00	2.27E-02	7.04E-01	0.00E+00	0.00E+00	7.04E-01	2.30E-02	0.00E+00	2.50E-02	0.00E+00	0.00E+00	7.04E-01	0.00E+00	0.00E+00	7.04E-01
2610	ALL	Fence	539379.7	4215535	NonCancer	0.00E+00	2.34E-02	7.15E-01	0.00E+00	0.00E+00	7.15E-01	2.37E-02	0.00E+00	2.56E-02	0.00E+00	0.00E+00	7.15E-01	0.00E+00	0.00E+00	7.15E-01
2611	ALL	Fence	539373.7	4215551	NonCancer	0.00E+00	2.12E-02	6.84E-01	0.00E+00	0.00E+00	6.84E-01	2.14E-02	0.00E+00	2.31E-02	0.00E+00	0.00E+00	6.84E-01	0.00E+00	0.00E+00	6.84E-01

Construction HARP2 Output

HARP2 - HRACalc (dated 21081) 7/17/2025 11:56:38 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 0
Total Exposure Duration: 0.5

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0.5
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed

```
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\NOVATO CONST JULY
2025\hra\Novato_Const_Cancer_ResCancerRisk.csv
Cancer risk total by receptor saved to: C:\HARP2\Project Files\NOVATO CONST JULY
2025\hra\Novato_Const_Cancer_ResCancerRiskSumByRec.csv
HRA ran successfully
```

HARP2 - HRACalc (dated 21081) 7/17/2025 11:55:46 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Chronic_ResNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Chronic_ResNCChronicRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 21081) 7/24/2025 5:53:42 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 0.5

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0.5
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
NOTE: The worker adjustment factors below are only used for cancer assessments. However, the GLC adjustment factor is also applied to 8-hr noncancer chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 3.57
Exposure frequency: 250

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****

TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Cancer_WkrCancerRisk.csv
Cancer risk total by receptor saved to: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Cancer_WkrCancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 21081) 7/24/2025 5:52:29 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
NOTE: The worker adjustment factors below are only used for cancer assessments. However, the GLC adjustment factor is also applied to 8-hr noncancer chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 3.57
Exposure frequency: 250

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
TIER 2 SETTINGS

Tier2 adjustments were used in this assessment. Please see the input file for details.
Tier2 - What was changed: ED or start age changed|
Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Chronic_WkrNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\HARP2\Project Files\NOVATO CONST JULY 2025\hra\Novato_Const_Chronic_WkrNCChronicRiskSumByRec.csv
HRA ran successfully

Operational HARP 2 Output

HARP2 - HRACalc (dated 21081) 7/17/2025 11:48:35 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: -0.25
Total Exposure Duration: 30

Exposure Duration Bin Distribution
3rd Trimester Bin: 0.25
0<2 Years Bin: 2
2<9 Years Bin: 0
2<16 Years Bin: 14
16<30 Years Bin: 14
16 to 70 Years Bin: 0

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
TIER 2 SETTINGS
Tier2 not used.

****

```
Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\HARP2\Project
Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Cancer_ResCancerRisk.csv
Cancer risk total by receptor saved to: C:\HARP2\Project
Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Cancer_ResCancerRiskSumByRec.csv
HRA ran successfully
```

HARP2 - HRACalc (dated 21081) 7/17/2025 11:49:20 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Resident
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: True
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
Worker adjustment factors enabled: NO

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Chronic_ResNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Chronic_ResNCChronicRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 21081) 7/23/2025 9:04:47 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: Cancer
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER

Start Age: 16
Total Exposure Duration: 25

Exposure Duration Bin Distribution
3rd Trimester Bin: 0
0<2 Years Bin: 0
2<9 Years Bin: 0
2<16 Years Bin: 0
16<30 Years Bin: 0
16 to 70 Years Bin: 25

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
NOTE: The worker adjustment factors below are only used for cancer assessments. However, the GLC adjustment factor is also applied to 8-hr noncancer chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 1.41
Exposure frequency: 250

Fraction at time at home
3rd Trimester to 16 years: OFF
16 years to 70 years: OFF

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****

TIER 2 SETTINGS
Tier2 not used.

****

Calculating cancer risk
Cancer risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Cancer_WkrCancerRisk.csv
Cancer risk total by receptor saved to: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Cancer_WkrCancerRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 21081) 7/23/2025 9:05:57 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: NCChronic
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: True
Dermal: True
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: LongTerm24HR

Worker Adjustment Factors
NOTE: The worker adjustment factors below are only used for cancer assessments. However, the GLC adjustment factor is also applied to 8-hr noncancer chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 1.41
Exposure frequency: 250

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
SOIL & DERMAL PATHWAY SETTINGS

Deposition rate (m/s): 0.05
Soil mixing depth (m): 0.01
Dermal climate: Warm

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating chronic risk
Chronic risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Chronic_WkrNCChronicRisk.csv
Chronic risk total by receptor saved to: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_Chronic_WkrNCChronicRiskSumByRec.csv
HRA ran successfully

HARP2 - HRACalc (dated 21081) 7/17/2025 11:52:45 AM - Output Log

GLCs loaded successfully
Pollutants loaded successfully
Pathway receptors loaded successfully
****
RISK SCENARIO SETTINGS

Receptor Type: Worker
Scenario: NCAcute
Calculation Method: Derived

****
EXPOSURE DURATION PARAMETERS FOR CANCER
Exposure duration are only adjusted for cancer assessments

****
PATHWAYS ENABLED

NOTE: Inhalation is always enabled and used for all assessments. The remaining pathways are only used for cancer and noncancer chronic assessments.

Inhalation: True
Soil: False
Dermal: False
Mother's milk: False
Water: False
Fish: False
Homegrown crops: False
Beef: False
Dairy: False
Pig: False
Chicken: False
Egg: False

****
INHALATION

Daily breathing rate: RMP

Worker Adjustment Factors
NOTE: The worker adjustment factors below are only used for cancer assessments. However, the GLC adjustment factor is also applied to 8-hr noncancer chronic assessments.
Worker adjustments factors enabled: YES
GLC adjustment factor: 4.1
Exposure frequency: 250

Fraction at time at home
NOTE: Exposure duration (i.e., start age, end age, ED, & FAH) are only adjusted for cancer assessments.

****
TIER 2 SETTINGS
Tier2 not used.

****

Calculating acute risk
Acute risk breakdown by pollutant and receptor saved to: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_AcuteNCAcuteRisk.csv
Acute risk total by receptor saved to: C:\HARP2\Project Files\NOVATO_OPS_JULY2025\hra\Novato_Ops_AcuteNCAcuteRiskSumByRec.csv
HRA ran successfully

Appendix G

Special-Status Species Tables

Special-Status Plant and Lichen Species in the Regional Vicinity of the Project Site

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Allium peninsulare var. *franciscanum* Franciscan onion	None/None G5T2/S2 1B.2	Perennial bulbiferous herb. Cismontane woodland, valley and foothill grassland. Clay, Serpentinite (often), volcanic. Elevations: 170-1000ft. (52-305m.) Blooms (Apr)May-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Allium species were observed.
Alopecurus aequalis var. *sonomensis* Sonoma alopecurus	FE/None G5T1/S1 1B.1	Perennial herb. Marshes and swamps, riparian scrub. Wet areas, marshes, and riparian banks, with other wetland species. Elevations: 15-1200ft. (5-365m.) Blooms May-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Amorpha californica var. *napensis* Napa false indigo	None/None G4T2/S2 1B.2	Perennial deciduous shrub. Broadleafed upland forest, chaparral, cismontane woodland. Openings in forest or woodland or in chaparral. 30-735 m. Elevations: 165-6560ft. (50-2000m.) Blooms Apr-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Amsinckia lunaris bent-flowered fiddleneck	None/None G3/S3 1B.2	Annual herb. Cismontane woodland, coastal bluff scrub, valley and foothill grassland. Elevations: 10-1640ft. (3-500m.) Blooms Mar-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Arctostaphylos montana ssp. *montana* Mt. Tamalpais manzanita	None/None G3T3/S3 1B.3	Perennial evergreen shrub. Chaparral, valley and foothill grassland. Rocky, serpentinite. Elevations: 525-2495ft. (160-760m.) Blooms Feb-Apr.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no manzanita species were observed.
Arctostaphylos virgata Marin manzanita	None/None G2/S2 1B.2	Perennial evergreen shrub. Broadleafed upland forest, chaparral, closed-cone coniferous forest, north coast coniferous forest. Granitic (sometimes), sandstone (sometimes). Elevations: 195-2295ft. (60-700m.) Blooms Jan-Mar.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no manzanita species were observed.
Astragalus pycnostachyus var. *pycnostachyus* coastal marsh milk-vetch	None/None G2T2/S2 1B.2	Perennial herb. Coastal dunes, coastal scrub, marshes and swamps. Mesic sites in dunes or along streams or coastal salt marshes. Elevations: 0-100ft. (0-30m.) Blooms (Apr)Jun-Oct.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Astragalus tener var. *tener* alkali milk-vetch	None/None G2T1/S1 1B.2	Annual herb. Playas, valley and foothill grassland, vernal pools. Alkaline. Elevations: 5-195ft. (1-60m.) Blooms Mar-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Astragalus species were observed.
Blennosperma bakeri Sonoma sunshine	FE/SE G1/S1 1B.1	Annual herb. Valley and foothill grassland, vernal pools. Vernal pools and swales. Elevations: 35-360ft. (10-110m.) Blooms Mar-May.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no vernal pools are present.
Calamagrostis crassiglumis Thurber's reed grass	None/None G3Q/S2 2B.1	Perennial rhizomatous herb. Coastal scrub, marshes and swamps. Usually in marshy swales surrounded by grassland or coastal scrub. Elevations: 35-195ft. (10-60m.) Blooms May-Aug.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no coastal marshes are present.
Calochortus tiburonensis Tiburon mariposa-lily	FT/ST G1/S1 1B.1	Perennial bulbiferous herb. Valley and foothill grassland. On open, rocky, slopes in serpentine grassland. Elevations: 165-490ft. (50-150m.) Blooms Mar-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Calochortus species were observed.
Cardamine angulata seaside bittercress	None/None G4G5/S3 2B.1	Perennial herb. Lower montane coniferous forest, north coast coniferous forest. Streambanks. Elevations: 50-3000ft. (15-915m.) Blooms (Jan)Mar-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Carex lyngbyei Lyngbye's sedge	None/None G5/S3 2B.2	Perennial rhizomatous herb. Marshes and swamps. Elevations: 0-35ft. (0-10m.) Blooms Apr-Aug.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Castilleja affinis var. *neglecta* Tiburon paintbrush	FE/ST G4G5T1T2/S1S2 1B.2	Perennial herb (hemiparasitic). Valley and foothill grassland. Rocky serpentine sites. Elevations: 195-1310ft. (60-400m.) Blooms Apr-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Castilleja species were observed.
Ceanothus decornutus Nicasio ceanothus	None/None G1/S1 1B.2	Perennial shrub. Chaparral. Clay (sometimes), Rocky, serpentinite. Elevations: 770-950ft. (235-290m.) Blooms Mar-May.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Ceanothus species were observed.
Ceanothus masonii Mason's ceanothus	None/SR G1/S1 1B.2	Perennial evergreen shrub. Chaparral. Serpentine ridges or slopes in chaparral or transition zone. Elevations: 755-1640ft. (230-500m.) Blooms Mar-Apr.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Ceanothus species were observed.

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Centromadia parryi ssp. *parryi* pappose tarplant	None/None G3T2/S2 1B.2	Annual herb. Chaparral, coastal prairie, marshes and swamps, meadows and seeps, valley and foothill grassland. Alkaline (often). Elevations: 0-1380ft. (0-420m.) Blooms May-Nov.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Chloropyron maritimum ssp. *palustre* Point Reyes salty bird's-beak	None/None G4?T2/S2 1B.2	Annual herb (hemiparasitic). Marshes and swamps. Usually in coastal salt marsh with Salicornia, Distichlis, Jaumea, Spartina, etc. Elevations: 0-35ft. (0-10m.) Blooms Jun-Oct.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Chloropyron molle ssp. *molle* soft salty bird's-beak	FE/SR G2T1/S1 1B.2	Annual herb (hemiparasitic). Marshes and swamps. In coastal salt marsh with Distichlis, Salicornia, Frankenia, etc. Elevations: 0-10ft. (0-3m.) Blooms Jun-Nov.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Chorizanthe cuspidata var. *cuspidata* San Francisco Bay spineflower	None/None G2T1/S1 1B.2	Annual herb. Coastal bluff scrub, coastal dunes, coastal prairie, coastal scrub. Sandy. Elevations: 10-705ft. (3-215m.) Blooms Apr-Jul(Aug).	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Chorizanthe valida Sonoma spineflower	FE/SE G1/S1 1B.1	Annual herb. Coastal prairie. Sandy soil. Elevations: 35-1000ft. (10-305m.) Blooms Jun-Aug.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Cirsium hydrophilum var. *vaseyi* Mt. Tamalpais thistle	None/None G2T1/S1 1B.2	Perennial herb. Broadleafed upland forest, chaparral, meadows, and seeps. Serpentinite. Elevations: 785-2035ft. (240-620m.) Blooms May-Aug.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Collinsia corymbosa round-headed collinsia	None/None G1/S1 1B.2	Annual herb. Coastal dunes. Elevations: 0-65ft. (0-20m.) Blooms Apr-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Collinsia species were observed.
Delphinium bakeri Baker's larkspur	FE/SE G1/S1 1B.1	Perennial herb. Broadleafed upland forest, coastal scrub, valley and foothill grassland. Only occurs on NW-facing slope, on decomposed shale. Historically known from grassy areas along fencelines too. Elevations: 260-1000ft. (80-305m.) Blooms Mar-May.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Delphinium species were observed.

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Delphinium luteum golden larkspur	FE/SR G1/S1 1B.1	Perennial herb. Chaparral, coastal prairie, coastal scrub. North-facing rocky slopes. Elevations: 0-330ft. (0-100m.) Blooms Mar-May.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Delphinium species were observed.
Dermatocarpon meiophyllizum silverskin lichen	None/None G3G5/S3 2B.3	Coastal prairie, lower montane coniferous forest, north coast coniferous forest, subalpine coniferous forest, upper montane coniferous forest. Usually aquatic to semi-aquatic, within splash zone of lakes or streams. Preferred habitat is undisturbed, exposed streams with large rocks or bedrock at high elevations, but it is also found in cold, deep canyons at lower elevations. 295-3495m. Blooms .	Not Expected	The site is developed with actively maintained ornamental landscaping, and no lichens were observed.
Dirca occidentalis western leatherwood	None/None G2/S2 1B.2	Perennial deciduous shrub. Broadleafed upland forest, chaparral, cismontane woodland, closed-cone coniferous forest, north coast coniferous forest, riparian forest, riparian woodland. On brushy slopes, mesic sites; mostly in mixed evergreen and foothill woodland communities. Elevations: 80-1395ft. (25-425m.) Blooms Jan-Mar(Apr).	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Dirca species were observed.
Downingia pusilla dwarf downingia	None/None GU/S2 2B.2	Annual herb. Valley and foothill grassland, vernal pools. Vernal lake and pool margins with a variety of associates. In several types of vernal pools. Elevations: 5-1460ft. (1-445m.) Blooms Mar-May.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Delphinium species were observed.
Entosthodon kochii Koch's cord moss	None/None G1/S1 1B.3	Moss. Cismontane woodland. Moss growing on soil on river banks. Elevations: 590-3280ft. (180-1000m.)	Not Expected	The site is developed with actively maintained ornamental landscaping, and no mosses were observed.
Eriogonum luteolum var. *caninum* Tiburon buckwheat	None/None G5T2/S2 1B.2	Annual herb. Chaparral, cismontane woodland, coastal prairie, valley and foothill grassland. Serpentine soils; sandy to gravelly sites. Elevations: 0-2295ft. (0-700m.) Blooms May-Sep.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Fissidens pauperculus minute pocket moss	None/None G3?/S2 1B.2	Moss. North coast coniferous forest. Moss growing on damp soil along the coast. In dry streambeds and on stream banks. Elevations: 35-3360ft. (10-1024m.)	Not Expected	The site is developed with actively maintained ornamental landscaping, and no mosses were observed.
Fritillaria lanceolata var. *tristulis* Marin checker lily	None/None G5T2/S2 1B.1	Perennial bulbiferous herb. Coastal bluff scrub, coastal prairie, coastal scrub. Occurrences reported from canyons and riparian areas as well as rock outcrops; often on serpentine. Elevations: 50-490ft. (15-150m.) Blooms Feb-May.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Fritillaria species were observed.
Fritillaria liliacea fragrant fritillary	None/None G2/S2 1B.2	Perennial bulbiferous herb. Cismontane woodland, coastal prairie, coastal scrub, valley and foothill grassland. Often on serpentine; various soils reported though usually on clay, in grassland. Elevations: 10-1345ft. (3-410m.) Blooms Feb-Apr.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Fritillaria species were observed.
Gilia capitata ssp. *chamissonis* blue coast gilia	None/None G5T2/S2 1B.1	Annual herb. Coastal dunes, coastal scrub. Elevations: 5-655ft. (2-200m.) Blooms Apr-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Gilia capitata ssp. *tomentosa* woolly-headed gilia	None/None G5T2/S2 1B.1	Annual herb. Coastal bluff scrub, valley and foothill grassland. Rocky outcrops, sometimes serpentine. Elevations: 35-720ft. (10-220m.) Blooms May-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Gilia millefoliata dark-eyed gilia	None/None G2/S2 1B.2	Annual herb. Coastal dunes. Elevations: 5-100ft. (2-30m.) Blooms Apr-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Helianthella castanea Diablo helianthella	None/None G2/S2 1B.2	Perennial herb. Broadleafed upland forest, chaparral, cismontane woodland, coastal scrub, riparian woodland, valley and foothill grassland. Azonal soils, Partial shade (often), rocky (usually). Elevations: 195-4265ft. (60-1300m.) Blooms Mar-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Helianthella species were observed.

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Hemizonia congesta ssp. *congesta* congested-headed hayfield tarplant	None/None G5T2/S2 1B.2	Annual herb. Valley and foothill grassland. Grassy valleys and hills, often in fallow fields; sometimes along roadsides. Elevations: 65-1835ft. (20-560m.) Blooms Apr-Nov.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Hesperolinon congestum Marin western flax	FT/ST G1/S1 1B.1	Annual herb. Chaparral, valley and foothill grassland. In serpentine barrens and in serpentine grassland and chaparral. Elevations: 15-1215ft. (5-370m.) Blooms Apr-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Holocarpha macradenia Santa Cruz tarplant	FT/SE G1/S1 1B.1	Annual herb. Coastal prairie, coastal scrub, valley and foothill grassland. Light, sandy soil or sandy clay; often with nonnatives. Elevations: 35-720ft. (10-220m.) Blooms Jun-Oct.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Holocarpha species were observed.
Horkelia tenuiloba thin-lobed horkelia	None/None G2/S2 1B.2	Perennial herb. Broadleafed upland forest, chaparral, valley and foothill grassland. Sandy soils; mesic openings. Elevations: 165-1640ft. (50-500m.) Blooms May-Jul(Aug).	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Kopsiopsis hookeri small groundcone	None/None G4?/S1S2 2B.3	Perennial rhizomatous herb (parasitic). North coast coniferous forest. Open woods, shrubby places, generally on Gaultheria shallon. Elevations: 295-2905ft. (90-885m.) Blooms Apr-Aug.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Lasthenia conjugens Contra Costa goldfields	FE/None G1/S1 1B.1	Annual herb. Cismontane woodland, playas, valley and foothill grassland, vernal pools. Vernal pools, swales, low depressions, in open grassy areas. Elevations: 0-1540ft. (0-470m.) Blooms Mar-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Lasthenia species were observed.
Lessingia micradenia var. *micradenia* Tamalpais lessingia	None/None G2T2/S2 1B.2	Annual herb. Chaparral, valley and foothill grassland. Usually on serpentine, in serpentine grassland or serpentine chaparral. Often on roadsides. Elevations: 330-1640ft. (100-500m.) Blooms (Jun)Jul-Oct.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Lilium pardalinum ssp. *pitkinense* Pitkin Marsh lily	FE/SE G5T1/S1 1B.1	Perennial bulbiferous herb. Cismontane woodland, marshes and swamps, meadows and seeps. Saturated, sandy soils with grasses and shrubs. Elevations: 115-215ft. (35-65m.) Blooms Jun-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Lilium species were observed.
Microseris paludosa marsh microseris	None/None G2/S2 1B.2	Perennial herb. Cismontane woodland, closed-cone coniferous forest, coastal scrub, valley and foothill grassland. Elevations: 15-1165ft. (5-355m.) Blooms Apr-Jun(Jul).	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Navarretia leucocephala ssp. *bakeri* Baker's navarretia	None/None G4T2/S2 1B.1	Annual herb. Cismontane woodland, lower montane coniferous forest, meadows and seeps, valley and foothill grassland, vernal pools. Vernal pools and swales; adobe or alkaline soils. Elevations: 15-5710ft. (5-1740m.) Blooms Apr-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Navarretia rosulata Marin County navarretia	None/None G2/S2 1B.2	Annual herb. Chaparral, closed-cone coniferous forest. Dry, open rocky places; can occur on serpentine. Elevations: 655-2085ft. (200-635m.) Blooms May-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Pentachaeta bellidiflora white-rayed pentachaeta	FE/SE G1/S1 1B.1	Annual herb. Cismontane woodland, valley and foothill grassland. Open dry rocky slopes and grassy areas, often on soils derived from serpentine bedrock. Elevations: 115-2035ft. (35-620m.) Blooms Mar-May.	Not Expected	The site is developed with actively maintained ornamental landscaping, and dry rocky slopes with serpentine soils are not present.
Plagiobothrys glaber hairless popcornflower	None/None GX/SX 1A	Annual herb. Marshes and swamps, meadows and seeps. Coastal salt marshes and alkaline meadows. Elevations: 50-590ft. (15-180m.) Blooms Mar-May.	Not Expected	The site is developed with actively maintained ornamental landscaping, and mesic sites with alkaline soils are not present.
Plagiobothrys mollis var. *vestitus* Petaluma popcornflower	None/None G4?TX/SX 1A	Perennial herb. Marshes and swamps, valley and foothill grassland. Wet sites in grassland, possibly coastal marsh margins. Elevations: 35-165ft. (10-50m.) Blooms Jun-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Pleuropogon hooverianus North Coast semaphore grass	None/ST G2/S2 1B.1	Perennial rhizomatous herb. Broadleafed upland forest, meadows and seeps, north coast coniferous forest. Wet grassy, usually shady areas, sometimes freshwater marsh; associated with forest environments. Elevations: 35-2200ft. (10-671m.) Blooms Apr-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Pleuropogon species were observed.
Quercus parvula var. *tamalpaisensis* Tamalpais oak	None/None G4T2/S2 1B.3	Perennial evergreen shrub. Lower montane coniferous forest. Elevations: 330-2460ft. (100-750m.) Blooms Mar-Apr.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed.
Sidalcea calycosa ssp. *rhizomata* Point Reyes checkerbloom	None/None G5T2/S2 1B.2	Perennial rhizomatous herb. Marshes and swamps. Freshwater marshes near the coast. Elevations: 10-245ft. (3-75m.) Blooms Apr-Sep.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Sidalcea hickmanii ssp. *viridis* Marin checkerbloom	None/None G3TH/SH 1B.1	Perennial herb. Chaparral. Serpentine or volcanic soils; sometimes appears after burns. Elevations: 165-1410ft. (50-430m.) Blooms May-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and no Sidalcea species were observed.
Spergularia macrotheca var. *longistyla* long-styled sand-spurrey	None/None G5T2/S2 1B.2	Perennial herb. Marshes and swamps, meadows and seeps. Alkaline. Elevations: 0-835ft. (0-255m.) Blooms Feb-May.	Not Expected	The site is developed with actively maintained ornamental landscaping, and marshes and swamps are not present.
Stebbinsoseris decipiens Santa Cruz microseris	None/None G2/S2 1B.2	Annual herb. Broadleafed upland forest, chaparral, closed-cone coniferous forest, coastal prairie, coastal scrub, valley and foothill grassland. Open areas in loose or disturbed soil, usually derived from sandstone, shale or serpentine, on seaward slopes. Elevations: 35-1640ft. (10-500m.) Blooms Apr-May.	Not Expected	The site is developed with actively maintained ornamental landscaping, and forest, scrub, and grassland habitats with sandstone, shale or serpentine soils are not present.
Streptanthus anomalus Mount Burdell jewelflower	None/None G1/S1 1B.1	Annual herb. Cismontane woodland. Openings, Serpentinite. Elevations: 165-490ft. (50-150m.) Blooms May-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and woodland habitats with serpentine soils are not present.
Streptanthus batrachopus Tamalpais jewelflower	None/None G2/S2 1B.3	Annual herb. Chaparral, closed-cone coniferous forest. Talus serpentine outcrops. Elevations: 1000-2135ft. (305-650m.) Blooms Apr-Jul.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Streptanthus glandulosus ssp. *niger* Tiburon jewelflower	FE/SE G4T1/S1 1B.1	Annual herb. Valley and foothill grassland. Shallow, rocky serpentine slopes. Elevations: 100-490ft. (30-150m.) Blooms May-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and woodland habitats with serpentine soils are not present.
Streptanthus glandulosus ssp. *pulchellus* Mt. Tamalpais bristly jewelflower	None/None G4T2/S2 1B.2	Annual herb. Chaparral, valley and foothill grassland. Serpentine slopes. Elevations: 490-2625ft. (150-800m.) Blooms May-Jul(Aug).	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Symphyotrichum lentum Suisun Marsh aster	None/None G2/S2 1B.2	Perennial rhizomatous herb. Marshes and swamps. Most often seen along sloughs with Phragmites, Scirpus, blackberry, Typha, etc. Elevations: 0-10ft. (0-3m.) Blooms (Apr)May-Nov.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.
Trifolium amoenum two-fork clover	FE/None G1/S1 1B.1	Annual herb. Coastal bluff scrub, valley and foothill grassland. Sometimes on serpentine soil, open sunny sites, swales. Most recently cited on roadside and eroding cliff face. Elevations: 15-1360ft. (5-415m.) Blooms Apr-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and grassland habitats with serpentine soils are not present.
Trifolium hydrophilum saline clover	None/None G2/S2 1B.2	Annual herb. Marshes and swamps, valley and foothill grassland, vernal pools. Mesic, alkaline sites. Elevations: 0-985ft. (0-300m.) Blooms Apr-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and marshes, swamps, and grassland habitats with alkaline soils are not present.
Trifolium polyodon Pacific Grove clover	None/SR G1/S1 1B.1	Annual herb. Closed-cone coniferous forest, coastal prairie, meadows and seeps, valley and foothill grassland. Along small springs and seeps in grassy openings. Elevations: 15-1395ft. (5-425m.) Blooms Apr-Jun(Jul).	Not Expected	The site is developed with actively maintained ornamental landscaping, and forest and grassland habitats with springs and seeps are not present.
Triquetrella californica coastal triquetrella	None/None G2/S2 1B.2	Moss. Coastal bluff scrub, coastal scrub. Grows within 30m from the coast in coastal scrub, grasslands and in open gravels on roadsides, hillsides, rocky slopes, and fields. On gravel or thin soil over outcrops. Elevations: 35-330ft. (10-100m.)	Not Expected	The site is developed with actively maintained ornamental landscaping, and no mosses were observed.

Scientific Name Common Name	Status Fed/State ESA CRPR	Habitat Requirements	Potential to Occur	Rationale
Viburnum ellipticum oval-leaved viburnum	None/None G4G5/S3? 2B.3	Perennial deciduous shrub. Chaparral, cismontane woodland, lower montane coniferous forest. Elevations: 705-4595ft. (215-1400m.) Blooms May-Jun.	Not Expected	The site is developed with actively maintained ornamental landscaping, and this species was not observed during the typical blooming period.

BSA = Biological Study Area; ft. = feet; m. = meter

Regional Vicinity refers to within a nine-quad search radius of site (in this case, a seven-quad search was conducted).

Status (Federal/State)

FE = Federal Endangered
FT = Federal Threatened
SE = State Endangered
ST = State Threatened
SR = State Rare

CRPR (California Native Plant Society California Rare Plant Rank)

1B = Rare, Threatened, or Endangered in California and elsewhere
2B= Rare, Threatened, or Endangered in California, but more common elsewhere

CRPR Threat Code Extension

.1 = Seriously endangered in California (>80% of occurrences threatened/high degree and immediacy of threat)
.2 = Moderately threatened in California (20-80% of occurrences threatened/moderate degree and immediacy of threat)
.3 = Not very endangered in California (<20% of occurrences threatened/low degree and immediacy of threat)

Other Statuses

G1 or S1 Critically Imperiled Globally or Subnationally (state)
G2 or S2 Imperiled Globally or Subnationally (state)
G3 or S3 Vulnerable to extirpation or extinction Globally or Subnationally (state)
G4/5 or S4/5 Apparently secure, common and abundant

Additional notations may be provided as follows

T – Intraspecific Taxon (subspecies, varieties, and other designations below the level of species)
Q – Questionable taxonomy that may reduce conservation priority
? – Inexact numeric rank

Special-Status Wildlife Species in the Regional Vicinity of the Project Site

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Invertebrates				
Bombus occidentalis western bumble bee	None/SCE G3/S1	Once common and widespread, species has declined precipitously from central CA to southern B.C., perhaps from disease.	Low Potential	Flowering plants are present; however, a paved parking lot is not suitable habitat, and no beehives were observed.
Danaus plexippus plexippus pop. 1 monarch - California overwintering population	FC/None G4T1T2Q/S2	Winter roost sites extend along the coast from northern Mendocino to Baja California, Mexico. Roosts located in wind-protected tree groves (eucalyptus, Monterey pine, cypress), with nectar and water sources nearby.	Not Expected	Suitable wintering habitat with a wind-protecting grove of trees is not present.
Syncaris pacifica California freshwater shrimp	FE/SE G2/S2	Endemic to Marin, Napa, and Sonoma counties. Found in low elevation, low gradient streams where riparian cover is moderate to heavy. Shallow pools away from main streamflow. Winter: undercut banks with exposed roots. Summer: leafy branches touching water.	Not Expected	Aquatic freshwater habitats are not present.
Fish				
Acipenser medirostris pop. 1 green sturgeon - southern DPS	FT/None G2T1/S1	Spawning site fidelity. Spawns in the Sacramento, Feather and Yuba Rivers. Presence in upper Stanislaus and San Joaquin Rivers may indicate spawning. Non-spawning adults occupy marine/estuarine waters. Delta Estuary is important for rearing juveniles. Spawning occurs primarily in cool (11-15 C) sections of mainstem rivers in deep pools (8-9 meters) with substrate containing small to medium sized sand, gravel, cobble, or boulder.	Not Expected	Aquatic habitats are not present.
Eucyclogobius newberryi tidewater goby	FE/None G3/S3	Brackish water habitats along the California coast from Agua Hedionda Lagoon, San Diego County to the mouth of the Smith River. Found in shallow lagoons and lower stream reaches, they need fairly still but not stagnant water and high oxygen levels.	Not Expected	Brackish water habitats are not present.

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Hesperoleucus venustus subditus southern coastal roach	None/None GNRT2/S2 SSC	Found in the drainages of Tomales Bay and northern San Francisco Bay in the north, and drainages of Monterey Bay in the south.	Not Expected	Aquatic habitats are not present.
Oncorhynchus kisutch pop. 4 coho salmon - central California coast ESU	FE/SE G5T2Q/S2	Federal listing = pops between Punta Gorda and San Lorenzo River. State listing = pops south of Punta Gorda. Require beds of loose, silt-free, coarse gravel for spawning. Also need cover, cool water and sufficient dissolved oxygen.	Not Expected	Aquatic habitats with sufficient flow and substrates are not present.
Oncorhynchus mykiss irideus pop. 8 steelhead - central California coast DPS	FT/None G5T2T3Q/S3	DPS includes all naturally spawned populations of steelhead (and their progeny) in streams from the Russian River to Aptos Creek, Santa Cruz County, California (inclusive). Also includes the drainages of San Francisco and San Pablo Bays.	Not Expected	Aquatic habitats with sufficient flow and substrates are not present.
Pogonichthys macrolepidotus Sacramento splittail	None/None G3/S3 SSC	Endemic to the lakes and rivers of the Central Valley, but now confined to the Delta, Suisun Bay and associated marshes. Slow moving river sections, dead end sloughs. Requires flooded vegetation for spawning and foraging for young.	Not Expected	Aquatic habitats with sufficient flow and substrates are not present.
Spirinchus thaleichthys longfin smelt	FC/ST G5/S1	Euryhaline, nektonic and anadromous. Found in open waters of estuaries, mostly in middle or bottom of water column. Prefer salinities of 15-30 ppt, but can be found in completely freshwater to almost pure seawater.	Not Expected	Estuarine habitats are not present.
Thaleichthys pacificus eulachon	FT/None G5/S1	Found in Klamath River, Mad River, Redwood Creek, and in small numbers in Smith River and Humboldt Bay tributaries. Spawn in lower reaches of coastal rivers with moderate water velocities and bottom of pea-sized gravel, sand, and woody debris.	Not Expected	Estuarine habitats are not present.
Amphibians				

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Ambystoma californiense pop. 3 California tiger salamander - Sonoma County DPS	FE/ST G2G3T2/S2 WL	Lives in vacant or mammal-occupied burrows throughout most of the year; in grassland, savanna, or open woodland habitats. Need underground refuges, especially ground squirrel burrows, and vernal pools or other seasonal water sources for breeding.	Not Expected	Aquatic freshwater habitats are not present, and the site is isolated by development.
Dicamptodon ensatus California giant salamander	None/None G2G3/S2S3 SSC	Known from wet coastal forests near streams and seeps from Mendocino County south to Monterey County, and east to Napa County. Aquatic larvae found in cold, clear streams, occasionally in lakes and ponds. Adults known from wet forests under rocks and logs near streams and lakes.	Not Expected	Aquatic freshwater habitats are not present, and the site is isolated by development.
Rana boylii pop. 1 foothill yellow-legged frog - north coast DPS	None/None G3T4/S4 SSC	Northern Coast Ranges north of San Francisco Bay Estuary, Klamath Mountains, and Cascade Range including watershed subbasins (HU 8) Lower Pit, Battle Creek, Thomes Creek, and Big Chico Creek in Lassen, Shasta, Tehama, and Butte Counties. Partly shaded shallow streams and riffles with a rocky substrate in a variety of habitats. Needs at least some cobble-sized substrate for egg-laying and at least 15 weeks to attain metamorphosis.	Not Expected	Aquatic freshwater habitats are not present, and the site is isolated by development.
Rana draytonii California red-legged frog	FT/None G2G3/S2S3 SSC	Lowlands and foothills in or near permanent sources of deep water with dense, shrubby or emergent riparian vegetation. Requires 11-20 weeks of permanent water for larval development. Must have access to estivation habitat.	Not Expected	Aquatic freshwater habitats are not present, and the site is isolated by development.
Taricha rivularis red-bellied newt	None/None G2/S2 SSC	Coastal drainages from Humboldt County south to Sonoma County, inland to Lake County. Isolated population of uncertain origin in Santa Clara County. Lives in terrestrial habitats, juveniles generally underground, adults active at surface in moist environments. Will migrate over 1 km to breed, typically in streams with moderate flow and clean, rocky substrate.	Not Expected	Aquatic freshwater habitats are not present, and the site is isolated by development.

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Reptiles				
Emys marmorata western pond turtle	None/None G3G4/S3 SSC	A thoroughly aquatic turtle of ponds, marshes, rivers, streams and irrigation ditches, usually with aquatic vegetation, below 6000 ft elevation. Needs basking sites and suitable (sandy banks or grassy open fields) upland habitat up to 0.5 km from water for egg-laying.	Not Expected	Aquatic habitats with aquatic vegetation are not present, and the site is isolated by development.
Birds				
Accipiter cooperii Cooper's hawk	None/None G5/S4 WL	Woodland, chiefly of open, interrupted or marginal type. Nest sites mainly in riparian growths of deciduous trees, as in canyon bottoms on river flood-plains; also, live oaks.	Not Expected	Woodland habitats with large trees suitable for nesting are not present.
Agelaius tricolor tricolored blackbird	None/ST G1G2/S2 SSC	Highly colonial species, most numerous in Central Valley and vicinity. Largely endemic to California. Requires open water, protected nesting substrate, and foraging area with insect prey within a few km of the colony.	Not Expected	Aquatic habitats with emergent vegetation are not present.
Asio flammeus short-eared owl	None/None G5/S3 SSC	Found in swamp lands, both fresh and salt; lowland meadows; irrigated alfalfa fields. Tule patches/tall grass needed for nesting/daytime seclusion. Nests on dry ground in depression concealed in vegetation.	Not Expected	Suitable swamp and grassland habitats are not present.
Athene cunicularia burrowing owl	None/None G4/S3 SSC	Open, dry annual or perennial grasslands, deserts, and scrublands characterized by low-growing vegetation. Subterranean nester, dependent upon burrowing mammals, most notably, the California ground squirrel.	Not Expected	Suitable grassland habitats are not present, and the site is isolated by development from open dry habitat.
Buteo swainsoni Swainson's hawk	None/ST G5/S4	Breeds in grasslands with scattered trees, juniper-sage flats, riparian areas, savannahs, and agricultural or ranch lands with groves or lines of trees. Requires adjacent suitable foraging areas such as grasslands, or alfalfa or grain fields supporting rodent populations.	Not Expected	Woodland and grassland habitats with large trees suitable for nesting are not present.

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Charadrius nivosus nivosus western snowy plover	FT/None G3T3/S3 SSC	Sandy beaches, salt pond levees and shores of large alkali lakes. Needs sandy, gravelly or friable soils for nesting.	Not Expected	Suitable sandy beaches and shores are not present.
Circus hudsonius northern harrier	None/None G5/S3 SSC	Coastal salt and freshwater marsh. Nest and forage in grasslands, from salt grass in desert sink to mountain cienagas. Nests on ground in shrubby vegetation, usually at marsh edge; nest built of a large mound of sticks in wet areas.	Not Expected	Natural habitats suitable for foraging are not present.
Cypseloides niger black swift	None/None G4/S2 SSC	Coastal belt of Santa Cruz and Monterey counties; central and southern Sierra Nevada; San Bernardino and San Jacinto mountains. Breeds in small colonies on cliffs behind or adjacent to waterfalls in deep canyons and sea-bluffs above the surf; forages widely.	Not Expected	Coastal cliff and canyon habitats are not present.
Elanus leucurus white-tailed kite	None/None G5/S3S4 FP	Rolling foothills and valley margins with scattered oaks and river bottomlands or marshes next to deciduous woodland. Open grasslands, meadows, or marshes for foraging close to isolated, dense-topped trees for nesting and perching.	Low Potential	Open habitat with small mammal burrows is present, however the trees in the site are either not tall or dense enough for nesting, and no large stick nests were observed.
Geothlypis trichas sinuosa saltmarsh common yellowthroat	None/None G5T3/S3 SSC	Resident of the San Francisco Bay region, in fresh and salt water marshes. Requires thick, continuous cover down to water surface for foraging; tall grasses, tule patches, willows for nesting.	Not Expected	Aquatic habitats with emergent vegetation are not present.
Laterallus jamaicensis coturniculus California black rail	None/ST G3T1/S2 FP	Inhabits freshwater marshes, wet meadows and shallow margins of saltwater marshes bordering larger bays. Needs water depths of about 1 inch that do not fluctuate during the year and dense vegetation for nesting habitat.	Not Expected	Aquatic habitats with emergent vegetation are not present.
Melospiza melodia pusillula Alameda song sparrow	None/None G5T2T3/S2S3 SSC	Resident of salt marshes bordering south arm of San Francisco Bay. Inhabits Salicornia marshes; nests low in Grindelia bushes (high enough to escape high tides) and in Salicornia.	Not Expected	Aquatic habitats with emergent vegetation are not present.

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Melospiza melodia samuelis San Pablo song sparrow	None/None G5T2/S2 SSC	Resident of salt marshes along the north side of San Francisco and San Pablo bays. Inhabits tidal sloughs in the Salicornia marshes; nests in Grindelia bordering slough channels.	Not Expected	Aquatic habitats with emergent vegetation are not present.
Nannopterum auritum double-crested cormorant	None/None G5/S4 WL	Colonial nester on coastal cliffs, offshore islands, and along lake margins in the interior of the state. Nests along coast on sequestered islets, usually on ground with sloping surface, or in tall trees along lake margins.	Not Expected	Coastal Cliff habitats with nesting colonies are not present.
Rallus obsoletus obsoletus California Ridgway's rail	FE/SE G3T1/S1 FP	Salt water and brackish marshes traversed by tidal sloughs in the vicinity of San Francisco Bay. Associated with abundant growths of pickleweed but feeds away from cover on invertebrates from mud-bottomed sloughs.	Not Expected	Aquatic habitats with emergent vegetation are not present.
Riparia riparia bank swallow	None/ST G5/S3	Colonial nester; nests primarily in riparian and other lowland habitats west of the desert. Requires vertical banks/cliffs with fine-textured/sandy soils near streams, rivers, lakes, ocean to dig nesting hole.	Not Expected	Riparian habitats with cliffs and banks are not present.
Mammals				
Antrozous pallidus pallid bat	None/None G4/S3 SSC	Found in a variety of habitats including deserts, grasslands, shrublands, woodlands, and forests. Most common in open, dry habitats with rocky areas for roosting. Roosts in crevices of rock outcrops, caves, mine tunnels, buildings, bridges, and hollows of live and dead trees which must protect bats from high temperatures. Very sensitive to disturbance of roosting sites.	Not Expected	Natural habitats with suitable for roosting structures and cavities are not present.
Aplodontia rufa phaea Point Reyes mountain beaver	None/None G5T2/S2 SSC	Coastal area of Point Reyes in areas of springs or seepages. North-facing slopes of hills and gullies in areas overgrown with sword ferns and thimbleberries.	Not Expected	Natural coastal habitats with suitable understory vegetation are not present.

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Corynorhinus townsendii Townsend's big-eared bat	None/None G4/S2 SSC	Occurs throughout California in a wide variety of habitats. Most common in mesic sites, typically coniferous or deciduous forests. Roosts in the open, hanging from walls & ceilings in caves, lava tubes, bridges, and buildings. This species is extremely sensitive to human disturbance.	Not Expected	Natural habitats with suitable for roosting structures and cavities are not present.
Microtus californicus sanpabloensis San Pablo vole	None/None G5T1T2/S1S2 SSC	Saltmarshes of San Pablo Creek, on the south shore of San Pablo Bay. Constructs burrow in soft soil. Feeds on grasses, sedges and herbs. Forms a network of runways leading from the burrow.	Not Expected	Marsh habitats with emergent vegetation are not present.
Reithrodontomys raviventris salt-marsh harvest mouse	FE/SE G1G2/S1S2 FP	Only in the saline emergent wetlands of San Francisco Bay and its tributaries. Pickleweed is primary habitat, but may occur in other marsh vegetation types and in adjacent upland areas. Does not burrow; builds loosely organized nests. Requires higher areas for flood escape.	Not Expected	Marsh habitats with emergent vegetation are not present.
Sorex ornatus sinuosus Suisun shrew	None/None G5T1T2Q/S1S2 SSC	Tidal marshes of the northern shores of San Pablo and Suisun bays. Require dense low-lying cover and driftweed and other litter above the mean hightide line for nesting and foraging.	Not Expected	Marsh habitats with emergent vegetation are not present.
Sorex vagrans halicoetes salt-marsh wandering shrew	None/None G5T1/S1 SSC	Salt marshes of the south arm of San Francisco Bay. Medium high marsh 6-8 ft above sea level where abundant driftwood is scattered among Salicornia.	Not Expected	Marsh habitats with emergent vegetation are not present.

Scientific Name Common Name	Status Fed/State ESA CDFW	Habitat Requirements	Potential to Occur	Rationale
Taxidea taxus American badger	None/None G5/S3 SSC	Most abundant in drier open stages of most shrub, forest, and herbaceous habitats, with friable soils. Needs sufficient food, friable soils and open, uncultivated ground. Preys on burrowing rodents. Digs burrows.	Not Expected	Natural dry open grassland habitats are not present, and the site is isolated by development from open grasslands.

ft. = feet; km = kilometer

Regional Vicinity refers to within a nine-quad search radius of site (in this case, a seven-quad search was conducted).

Status (Federal/State)

FE = Federal Endangered
FT = Federal Threatened
FPT = Federal Proposed Threatened
FD = Federal Delisted
FC = Federal Candidate
SE = State Endangered
ST = State Threatened
SCE = State Candidate Endangered
SD = State Delisted
SSC = CDFW Species of Special Concern
FP = CDFW Fully Protected
WL = CDFW Watch List

Other Statuses

G1 or S1 Critically Imperiled Globally or Subnationally (state)
G2 or S2 Imperiled Globally or Subnationally (state)
G3 or S3 Vulnerable to extirpation or extinction Globally or Subnationally (state)
G4/5 or S4/5 Apparently secure, common and abundant

Additional notations may be provided as follows

T – Intraspecific Taxon (subspecies, varieties, and other designations below the level of species)
Q – Questionable taxonomy that may reduce conservation priority

Appendix H

Cultural Resources Technical Memorandum (Confidential)

CONFIDENTIAL APPENDIX

**To protect sensitive information about the location and nature of cultural resources, this appendix is not included in the public draft of this document.

Appendix I

Geotechnical Study

April 29, 2020
Kleinfelder Project No. 20203551.001A

Costco Wholesale
999 Lake Drive
Issaquah, Washington 98027

Attention: Ms. Kim Katz
Director of Real Estate Development

Subject: Geotechnical Study
Proposed Fuel Facility
Costco Wholesale Warehouse No. 141
300 Vintage Way
Novato, California 94945
CW# 19-0843

Dear Ms. Katz:

Kleinfelder is pleased to present this report summarizing our geotechnical study for the proposed new fuel facility project at Costco Wholesale Warehouse No. 141 located at 300 Vintage Way in Novato, California. The purpose of our geotechnical study was to evaluate subsurface soil conditions at the project site to provide geotechnical recommendations for design and construction. The conclusions and recommendations presented in this report are subject to the limitations presented in Section 7.

We appreciate the opportunity to provide geotechnical engineering services to you on this project. If you have any questions regarding this report or if we can be of further service, please do not hesitate to contact Andrea Traum at (408) 595-3275, or Andy Franks, Kleinfelder's Client Account Manager for Costco, at (480) 650-4905.

Respectfully submitted,

KLEINFELDER, INC.

Dan Dockendorf, EIT
Staff Professional

Andrea Traum, PE, LEED AP
Senior Project Manager

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KLEINFELDER 380 North 1st Street, Suite A, San Jose, CA 95112 **p |** 831.755.7900

GEOTECHNICAL STUDY
PROPOSED FUEL FACILITY
COSTCO WHOLESALE WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA 94945
CW# 19-0843
KLEINFELDER PROJECT NO. 20203551.001A

APRIL 29, 2020

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A Report Prepared for:

Costco Wholesale
999 Lake Drive
Issaquah, Washington 98027

Attention: Ms. Kim Katz
Director of Real Estate Development

Geotechnical Study
Proposed Fuel Facility
Costco Wholesale Warehouse No. 141
300 Vintage Way
Novato, California 94945
CW# 19-0843

Dan Dockendorf, EIT
Staff Professional



Brian E. Crystal, PE, GE
Senior Project Manager

KLEINFELDER
380 North 1st Street, Suite A
San Jose, California 95112
Phone: 831.755.7900

April 28, 2020
Kleinfelder Project No: 20203551.001A

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Geotechnical Investigation Summary Checklist for Costco Wholesale Projects

General Information

Costco Real Estate Main Contact: Kim Katz
Geotechnical Main Contact: Brian Crystal (949-585-3113)
Geotechnical Engineer of Record: Kleinfelder
Project Location: 300 Vintage Way
CW#: 19-0843
Warehouse #: 141
Report Date: April 29, 2020
Consultant Project/Document Number: 20203551.001A/SJO20110959
Addendums (List):

Report Purpose: ☐ Preliminary ☐ Draft ☒ Final ☐ Addendum/Revision

	Yes	No or NA	Describe/ Comments	Report Section
Pre-existing Conditions/Information				
Developer provided geotechnical report (describe):	☐	☒		1.2.1
Pre-existing development (describe)	☒	☐	Costco Warehouse Parking Lot	2.1
Foundation type (describe):	☐	☒		
Performance Issues (describe):	☐	☒		
Environmental Issues (describe)	☐	☒		
Site Grading Records (stripping, compaction test results, field reports, etc.)	☐	☒		1.2.1
Typical Building Structural Design Criteria				
Other (describe):	☒	☐	New fuel facility and parking	1.1
Building size (describe):	☒	☐	Canopy, USTs, and parking area	1.1
Typical wall loading				
3 kips / foot* (Metal Buildings)	☐	☒		
4.5 kips / foot* (CMU or pre-cast)	☐	☒		
Typical column loading				
120 kips in non-snow regions	☐	☒		
150 kips in snow regions	☐	☒		
Typical canopy loading:	☒	☐	25 kips for fuel facility canopy	1.1
Typical floor slab loading				
500 pounds per square foot, (psf, total)	☐	☒		
250 psf (dead) at rack areas	☐	☒		
150 psf (dead) at non-rack areas	☐	☒		
350 psf (live)	☐	☒		
Paving Design (20 year life)				
Heavy Duty paving shall accommodate 30 trucks per day (Traffic Index of 7.0)	☒	☐	5.0” AC/13.5” AB	4.7.2
Light Duty paving shall accommodate 6,600 cars per day (Traffic Index of 5.0)	☒	☐	4.0” AC/7.5” AB	4.7.2

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	Yes	No or NA	Describe/ Comments	Report Section
Performance Grade (PG) binder oil identified for local climate conditions	☒	☐	PG 64-10	4.7.3
Site Grading Conditions/Assumptions				
Deviations to Typical Criteria (list/describe):	☐	☒		
Design Finished Floor Elevation (FFE) (describe):	☐	☒		
Basis for FFE (assumed, per Civil) (describe):	☐	☒		
Effects of change to assumed FFE (describe):	☐	☒		
Maximum anticipated cuts (describe):	☐	☒		1.1
Maximum anticipated fills (describe):	☐	☒		1.1
Cross sections prepared for sites that are not essentially flat	☐	☒		
Amount of import/export anticipated (describe):	☐	☒		
Frost Depth (describe):	☐	☒		
Retaining walls				
Number of walls (describe):	☐	☒		
Height/Length of walls (describe):	☐	☒		
Wall construction/type (describe):	☐	☒		
Cut/fill transition in pad (describe):	☐	☒		
Offsite Improvements (describe)	☐	☒		
Fieldwork/Results				
Costco Due Diligence Design Criteria				
Version (describe):	☒	☐	Version 2018, dated October 26, 2018	
Followed Criteria?	☒	☐		
Deviations to standard investigation (describe):	☐	☒		
Groundwater				
Depth (describe):	☒	☐	Groundwater was encountered at a depth of approximately 3 to 5 feet below ground surface	3.2
Perched	☒	☐	Groundwater perched above bedrock layer in UST area	3.2
Expected seasonal fluctuation (describe):	☒	☐		3.2
Piezometers installed?	☐	☒	Piezometer was not installed due to shallow bedrock encountered	
Unusual/Challenging Soils conditions encountered				
Moisture-sensitive soils	☒	☐		5.3
Undocumented fill	☒	☐		3.1
Unsuitable soils (require removal)	☐	☒		
Wet soils	☒	☐	Wet soils due to shallow groundwater	5.3

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	Yes	No or NA	Describe/ Comments	Report Section
Debris	☐	☒		
Bedrock/potential non-rippable conditions	☒	☐	Shallow bedrock encountered in UST excavation location	5.2.5
Refusal	☒	☐	Shallow in UST location(5-7”), 40’ deep within canopy location	Appendix A
Collapsible soils	☐	☒		
Expansive soils	☐	☒		
Compressible soils	☐	☒		
Liquefaction	☐	☒		
Sinkholes	☐	☒		
Other (describe):	☐	☒		
Potential Contamination Identified				
Soil	☐	☒		
Groundwater	☐	☒		
Restoration of Disturbed Areas				
Backfilled with soil	☐	☒		
Backfilled with grout	☒	☐		Appendix A
Other (describe):	☐	☒		
Topsoil samples collected/analyzed	☐	☒		
Corrosivity testing performed/addressed	☒	☐	Extremely corrosive to ferrous metals, Class S2 soluble sulfates	4.8
Report				
Executive summary	☐	☐		E-1
Wet weather construction recommendations	☒	☐		
Pad winterization/pad recommendations	☐	☒		
Frost protection recommendations	☐	☒		
Design Parameters				
Fill material parameters provided				
Structural fill (below foundations, slabs)	☒	☐		5.2.2
Site grading fill (below pavements, flatwork)	☒	☐		5.2.2
Select backfill (behind truck dock walls, foundations, grade beams, etc.)	☐	☒		
Trench backfill	☒	☐		5.2.7
Drainage fill	☐	☒		
Frost resistant fill	☐	☒		

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	Yes	No or NA	Describe/ Comments	Report Section
Slab base aggregate	☐	☒		
Limits of debris/unsuitable removal provided	☒	☐		
Over-excavation/recompaction required	☒	☐		5.2.2
Depth (describe):	☒	☐		5.2.2
Extent (include cross-section diagram)	☐	☒		
Pad subgrade stabilization required (describe):	☐	☒		
Surcharge	☐	☒		
Height (describe):	☐	☒		
Lateral extent (describe):	☐	☒		
Estimated duration (describe):	☐	☒		
Shallow Foundations	☒	☐		
psf allowable soil bearing pressure (describe):	☒	☐	1,500 psf (net), 3,000 psf (seismic)	4.3.2
Deep Foundations (For Light Poles)	☒	☐		
Type (describe):	☒	☐	Drilled piles	4.3.3
Options and Value Engineering Matrix provided	☐	☒		
Floor Slabs				
Unreinforced (>2500 psf)	☐	☒		
Reinforced (describe why)	☐	☒		
Subgrade modulus (ksi/in) (describe):	☐	☒		
Base Material thickness (min 6") (describe):	☐	☒		
Seismic Conditions				
Governing Building Code (IBC, UBC, other)	☒	☐	2019 California Building Code	4.2
Geologic Hazard Identified	☐	☒		
Proximity to earthquake fault zone(s)	☐	☒		
Proximity to seismic hazard zone(s)	☐	☒		
Potential for liquefaction	☐	☒	Low	4.2.2
Potential for lateral spreading	☐	☒		
Potential for seismic settlement	☐	☒		
Potential for slope stability/landslides	☐	☒		
Potential for groundshaking or geologic hazards	☒	☐	High	4.2
Retaining Walls	☐	☒		

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	Yes	No or NA	Describe/ Comments	Report Section
Recommended Wall Types	☐	☒		
Recommend Kleinfelder Design	☐	☒		
Lateral earth pressure design values	☐	☒		
Active:	☐	☒		
At-rest:	☐	☒		
Passive:	☐	☒		
Seismic:	☐	☒		
Backfill material, placement requirements	☐	☒		
Drainage requirements and cross-section drawing	☐	☒		
Finger Drains	☐	☒		
Required for frost	☐	☒		
Recommended for long term maintenance and constructability	☐	☒		
Pavement				
Pavement subgrade stabilization required (describe):	☐	☒		5.2.2
Costco asphalt mix design specified	☒	☐		4.7.3
Heavy and light duty pavement sections specified	☒	☐		4.7.2
Alternative pavement sections identified	☐	☒		
Specification for offsite pavement sections included	☐	☒		
Data Gaps/Unknowns (describe):	☐	☒		

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EXECUTIVE SUMMARY

This report presents the results of our geotechnical study for the proposed fuel facility project at Costco Wholesale Warehouse No. 141 located at 300 Vintage Way in Novato, California. The purpose of our study was to evaluate subsurface soil conditions to provide geotechnical recommendations for design and construction. We understand that Costco plans to construct a new fuel facility on the southwest corner of the existing warehouse parking lot. The new fueling facility will consist of four gasoline refueling islands, three gasoline underground storage tanks (USTs), a fuel additive UST, controller building, and a canopy structure. In addition, asphalt concrete and Portland cement concrete pavements, and curbs will also be constructed around the new facility. Our geotechnical study was based on the Costco Wholesale Development Requirements (CWDRs), Version 2018, dated October 26, 2018.

Subsurface conditions at the site were explored by drilling four borings to depths between approximately 7 and 40 feet below the existing ground surface (bgs). Within the canopy area toward the warehouse, subsurface materials encountered consisted of fill underlain by alluvial deposits, Bay Mud, and siltstone bedrock of the Franciscan Assemblage. As observed in Boring KB-2, the fill extended to depths of approximately 3 to 4 feet bgs and consists generally of medium stiff sandy lean clay with gravel. The alluvial soils consist of interbedded layers of medium stiff to very stiff sandy clays and medium dense clayey sands with gravel to an observed depth of 17½ feet bgs. Bay Mud was encountered beneath the alluvial soils at depths between approximately 17½ to 25 feet bgs and consisted of very soft, fat clay. Beneath the Bay Mud, a stiffer elastic silt layer was observed above siltstone bedrock, which was encountered a depth of approximately 30 feet bgs.

Subsurface materials encountered in the UST area consisted of fill over a thin layer of alluvium underlain by shallow siltstone bedrock. As observed in Borings KB-1, KB-3, and MW-1, fill within this area consisted generally of medium stiff sandy lean clay with gravel and extended to depths of approximately 4 to 5 feet bgs. A thin layer of alluvial soils was observed beneath the fill and consisted generally of medium stiff to very stiff sandy clays. Beneath the fill and alluvial soils, siltstone bedrock of the Franciscan Assemblage was encountered at depths between approximately 5 to 7½ feet bgs. The bedrock was weak and highly weathered.

During our subsurface exploration, perched groundwater was encountered at 3 to 5 feet bgs in Borings MW-1 and KB-3, respectively, in the area of the USTs where shallow bedrock was

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observed. Groundwater was not measured in Borings KB-1 and KB-2 due to drilling with mud rotary methods. However, based on prior field explorations for a proposed warehouse expansion, groundwater is anticipated to approximately 10 feet bgs where the deeper alluvium and Bay Mud was observed.

Based on the results of our field exploration, laboratory testing, and geotechnical analyses, it is our professional opinion that the proposed project is geotechnically feasible, provided the recommendations presented in this geotechnical report are incorporated into the project design and construction. The following key items were developed from our study.

- The primary geotechnical consideration for site development is the excavatability of bedrock and the presence of shallow groundwater. Bedrock was encountered at depths of approximately 5 to 7½ feet below grade in the area of the USTs. The bedrock material consisted generally of a weak and highly weathered siltstone. The bedrock is considered excavatable; however, cemented/stronger layers may be present, and a large hydraulic excavator equipped with either a rock ripping attachment or a pneumatic hammer may be needed to break up and excavate the bedrock.
- Due to the presence of shallow groundwater, we do not recommend open cutting the UST excavation. The UST excavation should be shored. Selection and design of temporary shoring systems should be the responsibility of the contractor. The shoring system selected should be compatible with excavation dewatering systems.
- Temporary dewatering will be required at the time of the installation of the UST and deep utilities. Dewatering of excavations may be achieved by using localized sumps and trenches for nuisance water if “watertight” shoring is used. If groundwater inflows are significant, a well-point or eductor pump dewatering system may be required. As an alternative to dewatering, the USTs may be “wet set.”
- The proposed fuel facility may be supported on a conventional shallow foundation system. As an alternative, the canopy may be supported on drilled piles. Piles should be founded within the bedrock underlying the Bay Mud.
- For areas with new pavements, we recommend that the exposed subgrade be proof-rolled with heavy construction equipment (e.g. loader or smooth-drum roller) to disclose areas of soft and yielding material after the area has been stripped of soft earth materials and debris. Where soft or yielding material are observed, the material should be overexcavated and replaced with structural fill.

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- Based on past experience, it is common to encounter wet, unstable soils upon removal of site pavements or flatwork as a result of subsurface moisture becoming trapped beneath relatively impervious asphalt concrete or Portland cement concrete surfaces. Wet, unstable subgrade conditions will likely be encountered during site grading activities. The contractor should anticipate that pumping subgrade conditions will be encountered, and the subgrade will need to be stabilized.
- Due to compaction difficulties, we do not recommend compacting the onsite clayey soils to 95 percent of the maximum dry unit weight (ASTM D1557), as required in the CWDRs. On-site clayey soils should be compacted to at least 90 percent of the soil's maximum dry unit weight (ASTM D1557). Compacting the on-site soils to at least 90 percent relative compaction will achieve the necessary strength assumed in our design recommendations. The upper 12 inches below pavement should be compacted to 95 percent of the maximum dry unit weight.
- Due to poor draining subgrade conditions, we recommend drainage inlets and catch basins include pavement underdrains as shown in Detail 16_16 of the CWDRs.
- The minimum resistivity of a soil sample taken at a depth of approximately 3 feet below grade indicates that the soils are extremely corrosive to metals. The concentrations of soluble sulfate in the soil samples analyzed are "low" with respect to sulfate attack. However, based on prior testing at the Costco site for other projects (Kleinfelder, 2018), we recommend that the soils be classified as Class S2 based on ACI 318-14 Table 19.3.1.1. Also, because the site is in a coastal (saltwater) environment, reinforcing steel in concrete structures and pipes in contact with soil and groundwater should be protected from chloride attack. The level of protection should be for reinforcement exposed to seawater, which is considered a "severe" environment (Class C2, ACI 318-14 Table 19.3.1.1).

The findings, conclusions, and recommendations presented in this executive summary should not be relied upon without consulting our geotechnical report for more detailed description of the geotechnical evaluation performed by Kleinfelder. The conclusions and recommendations presented in this report are subject to the limitations presented in Section 7.

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1 INTRODUCTION

This report presents the results of our geotechnical study for the proposed fuel facility project at Costco Wholesale Warehouse No. 141 located at 300 Vintage Way in Novato, California. The location of the project site is presented on Figure 1, Site Vicinity Map. The purpose of our study was to evaluate subsurface soil conditions to provide geotechnical recommendations for design and construction. The scope of our services was presented in our proposal titled "Proposal for Geotechnical Study, Proposed New Fuel Facility, Costco Wholesale Warehouse No. 141, 300 Vintage Way, Novato, California 94945, CW#19-0843," dated February 4, 2020. Our geotechnical study was based on the Costco Wholesale Development Requirements (CWDRs), Version 2018, dated October 26, 2018.

This report includes a description of the work performed, a discussion of the subsurface and surficial conditions observed at the site, and recommendations developed from our engineering analyses of field and laboratory data.

1.1 PROJECT DESCRIPTION

Kleinfelder understands Costco plans to construct a new fuel facility on the southwest corner of the existing warehouse parking lot. The new fueling facility will consist of four gasoline refueling islands, three gasoline underground storage tanks (USTs), a fuel additive UST, controller building, and a canopy structure. In addition, asphalt concrete and Portland cement concrete pavements, and curbs will also be constructed around the new facility. The proposed location is shown on Figure 2, Site Exploration Map.

Based on our experience with fuel facilities, the canopy for the service islands is typically founded on spread footings and the design is typically governed by overturning moments from wind and seismic loading. Typical column dead loads are anticipated to be approximately 4 kips and typical live loads are approximately 25 kips, which result in bearing pressures of less than 1,000 pounds per square foot (psf).

The tank excavation is anticipated to be approximately 16 to 18 feet deep. The tanks are planned to be placed on gravel bedding and anchored with "deadmen" to resist potential buoyant forces. Grading plans were not provided; however, we anticipate the finished grades surrounding the new facility will generally match the existing grades with maximum grade changes of a foot, or less.

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1.2 SCOPE OF SERVICES

The scope of our limited geotechnical study consisted of a literature review, subsurface explorations, geotechnical laboratory testing, engineering evaluation and analysis, and preparation of this report. Studies to assess environmental hazards that may affect the soil and groundwater at the site were beyond our geotechnical scope of work. A description of our scope of services performed for the geotechnical portion of the project follows.

1.2.1 Task 1 – Background Data Review

We reviewed readily-available published and unpublished geologic literature in our files and the files of public agencies, including selected publications prepared by the California Geological Survey (formerly known as the California Division of Mines and Geology) and the U.S. Geological Survey (USGS). We also reviewed readily available seismic and faulting information, including data for designated earthquake fault zones as well as our in-house database of faulting in the general site vicinity.

In addition, we reviewed previous Kleinfelder geotechnical reports for a proposed off-site fuel facility (2018), which was to be located south of Vintage Way, and a warehouse building expansion (2004). Pertinent boring logs and laboratory data from the 2004 report are included in Appendix A and B.

1.2.2 Task 2 – Field Exploration

The site was explored by drilling 4 soil borings located within the proposed fuel facility area within an area of existing asphalt parking. One boring was located within the fuel canopy area, two borings were within the underground storage tank (UST) excavation area and the final boring was located within the queueing area. Borings were drilled to a maximum depth of approximately 40 feet bgs or to practical bedrock refusal. Borings within the UST area were drilled to a maximum depth of 20 feet bgs due to shallow bedrock conditions. The borings were drilled by Exploration Geo-services of San Jose, California using truck-mounted hollow-stem auger drill rig with rotary wash capabilities. The logs of the borings are included in Appendix A. The approximate locations of the explorations are presented on Figure 2, Site Exploration Plan.

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Prior to commencement of the fieldwork, various geophysical techniques were used at the exploration locations to identify potential conflicts with subsurface structures. Exploration locations were also cleared for buried utilities through Underground Service Alert (USA).

A Kleinfelder engineer supervised the field operations and logged the explorations. Selected bulk and drive samples were retrieved and transported to our laboratory for further evaluation. The number of blows necessary to drive a Standard Penetration Test (SPT) sampler or a California-type sampler was recorded. Appendix A presents a description of the field exploration program, exploration logs, and a legend of terms and symbols used on the logs. Soil descriptions used on the logs result from field observations and data, as well as from laboratory test data. Stratification lines on the logs represent the approximate boundary between soil and/or rock types, and the actual transition may vary and can be gradual.

1.2.3 Task 3 – Laboratory Testing

Laboratory testing was performed on selected samples to evaluate the physical and engineering characteristics of the subsurface soils. Laboratory testing consisted of in-situ moisture content and dry density, Atterberg limits, sieve analysis, R-value and preliminary corrosivity series (pH, minimum resistivity, and soluble sulfate and chloride). A summary of the testing and results are presented in Appendix B.

1.2.4 Task 4 – Geotechnical Analyses

Field and laboratory data was analyzed in conjunction with the existing site conditions, preliminary layout, and anticipated structural loads to provide geotechnical recommendations for design and construction of the proposed facility. We evaluated feasible foundation systems, including constructability and compatibility constraints, pavement support, and earthwork. Seismic design parameters based on the 2019 California Building Code (CBC) are also presented.

1.2.5 Task 5 – Report Preparation

This report summarizes the work performed, data acquired, and our findings, conclusions, and geotechnical recommendations for the design and construction. Our report includes the following items:

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- Site vicinity map and exploration location map showing the approximate boring locations from current and previous geotechnical studies;
- Logs of the current and previous borings;
- Results of current and previous laboratory tests;
- Discussion of general site conditions;
- Discussion of general subsurface conditions as encountered in our field exploration conducted for this study, including the depth to groundwater and bedrock;
- Recommendations for seismic design parameters in accordance with the 2019 CBC;
- Recommendations for site preparation, earthwork, temporary slope inclinations, fill placement, and compaction specifications;
- Recommendations for the excavation characteristics of subsurface soil deposits;
- Recommendations for the UST excavation side slopes, including temporary shoring recommendations and a discussion of groundwater impacts;
- Recommendations for foundation design (spread footings and drilled piles), allowable bearing capacities, embedment depths, and settlement estimates under various loading conditions;
- Recommendations for flexible and rigid pavement structural sections for light and heavy-duty pavement based on Equivalent Single Axle loading (ESALs), as stated in the CWDRs; and
- Preliminary evaluation of the corrosion potential of the on-site soils

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2 SITE CONDITIONS

2.1 SITE DESCRIPTION

The existing Costco Warehouse site is located roughly half a mile north of the junction of US Highway 101 and California Highway 37. The warehouse is bordered by a pond to the south and wetland areas to the east. The proposed new fuel facility site will be located on the southwestern corner of the existing parking lot. The area of the proposed fuel facility is bounded by Vintage Way to the south and west, the Costco Warehouse to the east, and existing asphalt parking to the north. The location of the fuel facility with respect to the warehouse is presented on Figure 2.

2.2 SURFACE DRAINAGE CONDITIONS

Site drainage is currently by sheet flow into on-site catch basins and storm drains, or onto the adjacent bordering streets and into the local storm-drain system.

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3 GEOLOGY AND SUBSURFACE CONDITIONS

3.1 SITE GEOLOGY

Based on our review of available literature and the results of our field exploration, the site is underlain primarily by alluvial soils underlain by Bay Mud and outcroppings of Franciscan Assemblage bedrock. Geologic mapping by Blake et al (2000) indicates that Cretaceous-age sandstone and shale underlie the hills to the SW of the project site. This bedrock surface appears to plunge to the E-NE beneath the site as shown on the attached Figure 3. The site is in an area covered originally by young Bay Mud deposits and some alluvium derived from Novato Creek to the north of Rowland Blvd. Development from the 1970s to the present, particularly for the Vintage Oaks shopping center, has necessitated the placement of various thicknesses of fill to provide building pads and roadways above the base level of the marsh deposits.

The mapping by Blake et al (2000) shows bedding attitudes in the outcrops on the west side of Highway 101 from the Costco site. Bedding within the bedrock strikes north to northeast and dips moderately to the east and southeast. Descriptions of bedrock lithology and seismic velocities (Vp) from Geology and Geologic Hazards of the Novato Area (Rice, 1973) indicate two subunits of the Franciscan Assemblage bedrock described by Blake et al (2000). The first is a thinly bedded unit made up predominantly of thin beds of gray or black shale that alternate rhythmically with thin beds of light colored, fine-grained sandstone. The second is a massive sandstone, which is characteristically light colored, usually pale buff at or near the surface. It, is composed principally of relatively coarse, angular to subangular sand grains of quartz and feldspar, commonly termed an “arkose”. Bedding planes are seldom visible with widely spaced fracture planes of joints and minor faults are commonly more evident than bedding. The unit observed in our borings and the outcrops to the west describe the shale unit the best.

3.2 SUBSURFACE CONDITIONS

Subsurface conditions at the site were explored by drilling four borings to depths between approximately 7 and 40 feet bgs. Conditions varied between the canopy area and the Underground Storage Tank (UST) excavation area for the new fuel facility. A generalized cross section of the subsurface conditions is presented on Figure 3, Cross Section A-A’. Detailed descriptions of the deposits are provided below and in our boring logs presented in Appendix A.

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3.2.1 Canopy Fueling Area

Subsurface materials encountered in the canopy fueling area consisted of fill underlain by alluvial deposits, Bay Mud, and siltstone bedrock of the Franciscan Assemblage. As observed in Boring KB-2, the fill extended to depths of approximately 3 to 4 feet bgs and consists generally of medium sandy lean clay with gravel. The alluvial soils consist of interbedded layers of medium stiff to very stiff sandy clays and medium dense clayey sands with gravel to an observed depth of 17½ feet bgs. Bay Mud was encountered beneath the alluvial soils at depths between approximately 17½ to 26 feet bgs and consisted of very soft, fat clay. Beneath the Bay Mud, a stiffer elastic silt layer was observed above siltstone bedrock, which was encountered a depth of approximately 30 feet bgs.

3.2.2 Underground Storage Tank (UST) Area

Subsurface materials encountered in the UST area consisted of fill over a thin layer of alluvium underlain by shallow siltstone bedrock. As observed in Borings KB-1, KB-3, and MW-1, fill within this area consisted generally of medium stiff sandy lean clay with gravel and extended to depths of approximately 4 to 5 feet bgs. A thin layer of alluvial soils was observed beneath the fill and consisted generally of medium stiff to very stiff sandy clays. Beneath the fill and alluvial soils, siltstone bedrock of the Franciscan Assemblage was encountered at depths between approximately 5 to 7½ feet bgs. The bedrock was weak and highly weathered.

3.3 GROUNDWATER

During our subsurface exploration, perched groundwater was encountered at 3 to 5 feet bgs in Borings MW-1 and KB-3, respectively, in the area of the USTs where shallow bedrock was observed. Groundwater was not measured in Borings KB-1 and KB-2 due to drilling with mud rotary methods. However, based on prior field explorations for a proposed warehouse expansion, groundwater is anticipated to approximately 10 feet bgs where the deeper alluvium and Bay Mud was observed.

Fluctuations of the groundwater level, localized zones of perched water, and increased soil moisture content should be anticipated during and following the rainy season. Irrigation of landscaped areas on or adjacent to the site can also cause a fluctuation of local groundwater levels.

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4 CONCLUSIONS AND RECOMMENDATIONS

4.1 GENERAL

Based on the results of our field exploration, laboratory testing and engineering analyses conducted during this study, it is our professional opinion that the proposed project is geotechnically feasible, provided the recommendations presented in this report are incorporated into the project design and construction.

- The primary geotechnical consideration for site development is the excavatability of bedrock and the presence of shallow groundwater. Bedrock was encountered at depths of approximately 5 to 7½ feet below grade in the area of the USTs. The bedrock material consisted generally of a weak and highly weathered siltstone. The bedrock is considered excavatable; however, cemented/stronger layers may be present, and a large hydraulic excavator equipped with either a rock ripping attachment or a pneumatic hammer may be needed to break up and excavate the bedrock.
- Due to the presence of shallow groundwater, we do not recommend open cutting the UST excavation. The UST excavation should be shored. Selection and design of temporary shoring systems should be the responsibility of the contractor. The shoring system selected should be compatible with excavation dewatering systems.
- Temporary dewatering will be required at the time of the installation of the UST and deep utilities. Dewatering of excavations may be achieved by using localized sumps and trenches for nuisance water if “watertight” shoring is used. If groundwater inflows are significant, a well-point or eductor pump dewatering system may be required. As an alternative to dewatering, the USTs may be “wet set.”
- The proposed fuel facility may be supported on a conventional shallow foundation system. As an alternative, the canopy may be supported on drilled piles. Piles should be founded within the bedrock underlying the Bay Mud.
- For areas with new pavements, we recommend that the exposed subgrade be proof-rolled with heavy construction equipment (e.g. loader or smooth-drum roller) to disclose areas of soft and yielding material after the area has been stripped of soft earth materials and debris. Where soft or yielding material are observed, the material should be overexcavated and replaced with structural fill.

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- Based on past experience, it is common to encounter wet, unstable soils upon removal of site pavements or flatwork as a result of subsurface moisture becoming trapped beneath relatively impervious asphalt concrete or Portland cement concrete surfaces. Wet, unstable subgrade conditions will likely be encountered during site grading activities. The contractor should anticipate that pumping subgrade conditions will be encountered, and the subgrade will need to be stabilized.
- Due to compaction difficulties, we do not recommend compacting the onsite clayey soils to 95 percent of the maximum dry unit weight (ASTM D1557), as required in the CWDRs. On-site clayey soils should be compacted to at least 90 percent of the soil's maximum dry unit weight (ASTM D1557). Compacting the on-site soils to at least 90 percent relative compaction will achieve the necessary strength assumed in our design recommendations. The upper 12 inches below pavement should be compacted to 95 percent of the maximum dry unit weight.
- Due to poor draining subgrade conditions, we recommend drainage inlets and catch basins include pavement underdrains as shown in Detail 16_16 of the CWDRs.
- The minimum resistivity of a soil sample taken at a depth of approximately 3 feet below grade indicates that the soils are extremely corrosive to metals. The concentrations of soluble sulfate in the soil samples analyzed are "low" with respect to sulfate attack. However, based on prior testing at the Costco site for other projects, we recommend that the soils be classified as Class S2 based on ACI 318-14 Table 19.3.1.1. Also, because the site is in a coastal (saltwater) environment, reinforcing steel in concrete structures and pipes in contact with soil and groundwater should be protected from chloride attack. The level of protection should be for reinforcement exposed to seawater, which is considered a "severe" environment (Class C2, ACI 318-14 Table 19.3.1.1).

The following opinions, conclusions, and recommendations are based on the properties of the materials encountered in the borings, the results of the laboratory-testing program, and our engineering analyses performed. Our recommendations regarding the geotechnical aspects of the design and construction of the project are presented in the following sections.

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4.2 SEISMIC DESIGN CONSIDERATIONS

4.2.1 2019 CBC Seismic Design Parameters

According to the 2019 California Building Code, every structure, and portion thereof, including non-structural components that are permanently attached to structures and their supports and attachments, shall be designed and constructed to resist the effects of earthquake motions in accordance with ASCE 7-16, excluding Chapter 14 and Appendix 11A. The Seismic Design Category for a structure may be determined in accordance with Section 1613.3.5 of the 2019 CBC.

Based on information obtained from the investigation, published geologic literature and maps, and on our interpretation of the 2019 CBC criteria, it is our opinion that the project site may be classified as Site Class C, Soft Rock for the area of the USTs and Site Class E, Soft Clay Soil for the area of the proposed canopy according to Section 1613.3.2 of 2019 CBC and Table 20.3-1 of ASCE/SEI 7-16. Approximate coordinates for the site are noted below.

Latitude: 38.08649 °N
Longitude: 122.55134 °W

The Risk-Targeted Maximum Considered Earthquake (MCER) mapped spectral accelerations for 0.2 seconds and 1 second periods (S_s and S_1) were estimated using Section 1613.3 of the 2019 CBC and the California Office of Statewide Planning and Development (OSHPD) seismic design maps web-based application (available at https://seismicmaps.org/). In accordance with Section 11.4.8 of ASCE 7-16, a site-specific ground motion analysis is required for Site Class E sites with an S_1 greater than 0.2 g or a S_s greater than 1.0. However, a site-specific ground motion analysis is not required if the exceptions noted in Section 11.4.8 are incorporated into the structural design. We have assumed that these exceptions will be used, which should be verified by the project structural engineer during final design. The 2019 CBC Seismic Design Parameters (non-site-specific) for the canopy and UST area are summarized in the following tables.

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Table 1
2019 CBC Seismic Design Parameters for Canopy

DESIGN PARAMETER	RECOMMENDED VALUE
Site Class	E
S_s (g)	1.500
S_1 (g)	0.600
F_a	1.200
F_v	N/A*
S_{MS} (g)	1.800
S_{M1} (g)	N/A
S_{DS} (g)	1.200
S_{D1} (g)	N/A
PGA_M (g)	0.651

* Section 11.4.8 of ASCE 7-16 requires a site-specific ground motion hazard analysis be performed for Site Class E sites unless the exceptions noted in Section 11.4.8 are taken. If these exceptions are taken, then a F_v value of 2.0 could be used only to calculate the T_s value.

Table 2
2019 CBC Seismic Design Parameters for UST Area

DESIGN PARAMETER	RECOMMENDED VALUE
Site Class	C
S_s (g)	1.500
S_1 (g)	0.600
F_a	1.200
F_v	1.400
S_{MS} (g)	1.800
S_{M1} (g)	0.840
S_{DS} (g)	1.200
S_{D1} (g)	0.560
PGA_M (g)	0.700

4.2.2 Liquefaction and Seismic Settlement

The term liquefaction describes a phenomenon in which saturated, cohesionless soils temporarily lose shear strength (liquefy) due to increased pore water pressures induced by strong, cyclic ground motions during an earthquake. Structures founded on or above potentially liquefiable soils may experience bearing capacity failures due to the temporary loss of foundation support, vertical settlements (both total and differential), and/or undergo lateral spreading. The factors known to influence liquefaction potential include soil type, relative density, grain size, confining pressure, depth to groundwater, and the intensity and duration of the seismic ground shaking. Liquefaction

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is most prevalent in loose to medium dense, silty, sandy, and gravelly soils below the groundwater table. Based on our field explorations did not encounter loss cohesionless soils within our soil borings. Therefore, the potential for liquefaction and its adverse effects (i.e., seismic settlement) is not considered a hazard at the site.

Seismic compression results from the accumulation of contractive volumetric strains in unsaturated soil during earthquake shaking. Loose to medium dense granular material with no fines or with low plasticity fines are most susceptible to seismic compression. Based on the density and composition of the underlying soils/bedrock, the potential for seismic compression is considered to be very low.

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4.3 FOUNDATIONS

4.3.1 General

The proposed fuel facility may be supported on a conventional shallow foundation system. As an alternative, the canopy may be supported on drilled piles. Piles should be founded within the bedrock underlying the Bay Mud. If deep foundations are desired, pile design recommendations can be provided. Light pole foundations may be founded on short drilled piles.

4.3.2 Conventional Shallow Foundations

Allowable Soil Bearing Pressure

We understand that new spread footing foundations will be embedded approximately 6 to 7 feet below the finished grade. Spread footings founded on existing soils may be designed for a net allowable soil bearing pressure of 1,500 psf for dead plus sustained live loads. The above bearing pressures can be increased to 3,000 psf used for short term load conditions for seismic loads. The footing dimension and reinforcement should be designed by the structural engineer; however, continuous footings should have minimum widths of 18 inches.

Estimated Settlement

We estimate total static settlement for foundations designed and constructed in accordance with the recommendations presented above to be approximately ¾ inch. Differential static settlement between similarly loaded footings is estimated to be less than ½ inch over 50 feet.

Lateral Resistance

Lateral load resistance may be derived from passive resistance along the vertical sides of the footings, friction acting at the base of the footing, or a combination of the two. An allowable passive resistance of 250 psf per foot of depth may be used for design. Allowable passive resistance values should not exceed 2,500 psf. An allowable coefficient of friction value of 0.30 between the base of the footings and the engineered fill soils can be used for sliding resistance using the dead load forces. Friction and passive resistance may be combined without reduction. We recommend that the first foot of soil cover be neglected in the passive resistance calculations if the ground surface is not protected from erosion or disturbance by a slab, pavement or in a similar manner.

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4.3.3 Short Drilled Pile Foundations (Light Poles)

Axial Capacity

The compressive axial capacity of drilled piles may be estimated based on an average allowable skin friction capacity of 300 pounds per square foot. The upper one foot of the skin friction capacity should be ignored. The uplift capacity may be estimated as 70 percent of the allowable compressive axial capacity. A one-third increase in the allowable capacities may be used for transient loading conditions such as wind or seismic loads.

Settlement

Static settlement of the proposed light poles supported on drilled piles, as recommended, is estimated to be less than ½ inch.

Lateral Resistance

The drilled pile foundations lateral resistance can be designed in general accordance with Section 1807.3 of the 2016 CBC. We recommend a lateral soil bearing pressure of 250 psf per foot of depth below grade. The total lateral soil bearing pressure should not exceed 2,500 psf per pile. Since drilled piles will act as isolated pole foundations, the allowable lateral soil bearing pressure may be increased by a factor of 2 for short-term lateral loads provided the structure will not be adversely affected by ½ inch of lateral movement at the ground surface.

4.4 EXTERIOR FLATWORK

Prior to casting exterior flatwork, the subgrade soils should be scarified, moisture conditioned, and recompacted to at least as recommended in Section 4.2.2. Additionally, all flatwork should be underlain at a minimum by 4 inches of aggregate base moisture conditioned to at least the optimum moisture content and compacted to not less than 95 percent relative compaction (ASTM D1557). Flatwork should be at least four inches thick. Flatwork subjected to wheel loads should be designed in accordance with Section 4.6.

Careful control of the water/cement ratio should be performed to avoid shrinkage cracking due to excess water or poor concrete finishing or curing. Unreinforced slabs should not be built in areas where further saturation may occur following construction.

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4.5 SITE DRAINAGE

Foundation and slab performance depends greatly on proper irrigation and how well runoff water drains from the site. This is especially true for this site where expansive soils subjected to cycles of wetting and drying potentially may cause significant distress to pavements, flatwork, and structures. As such, we recommend that good drainage be provided away from structures and other improvements as discussed below. Drainage should be maintained both during construction and over the entire life of the project. The ground surface around structures should be graded such that water drains rapidly away from structures without ponding. The surface gradient needed to do this depends on the surface type and should follow CWDRs (Costco, 2018).

Due to poor draining subgrade conditions, we recommend drainage inlets and catch basins include pavement underdrains as shown in Detail 16_16 of the CWDRs. Drains should be designed and constructed per Costco's standard details and laterals should extend at least 15 feet from the catch basins.

We recommend that landscape planters either not be located adjacent to buildings and pavement areas or be isolated and properly drained to area drains such that cycles of wetting and drying do not impact pavements, flatwork, and other structures. Drought resistant plants and minimum watering are recommended for planters, if used. No planters should be installed immediately adjacent to structures unless they are water-proofed and have a drainpipe connected to an area drain outlet. Planters should be built such that water exiting from them will not seep into the foundation areas or beneath slabs and pavement. Roof water should be directed to fall on hardscape areas sloping to an area drain, or roof gutters and downspouts should be installed and routed to area drains. Roof downspouts and their associated drains should be isolated from other subdrain systems, where used, to avoid flooding. In any event, maintenance personnel should be instructed to keep areas uniformly moist throughout the life of the project (e.g. limit or eliminate cycles of wetting and drying) as cycles of wetting and drying will cause distress in surrounding improvements. Should excessive irrigation, waterline breaks or unusually high rainfall occur, saturated zones and "perched" groundwater may develop. Consequently, the site should be graded so that water drains away readily without saturating the foundation or landscaped areas. Potential sources of water such as water pipes, drains, and the like should be frequently examined for signs of leakage or damage. Any such leakage or damage should be promptly repaired. Wet utilities should also be designed to be watertight and should be inspected and repaired as needed.

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4.6 STORMWATER MANAGEMENT

We have evaluated the potential for storm water infiltration/percolation into the subgrade soils at the subject project site. Based on the shallow groundwater levels (between 3 and 10 feet below grade) and presence of shallow bedrock encountered during our field exploration, infiltration is not considered feasible at this site. We recommend alternatives to infiltration Best Management Practices (BMPs), such as bio-filtration/bio-retention systems (bio-swales and planter boxes), be implemented at the project site.

If bio-filtration/bio-retention systems are employed, we recommend that the BMPs be built such that water exiting from them will not seep into the foundation areas or beneath slabs and pavement. Liners should be implemented to prevent water intrusion into the subsurface soils and all BMPs should be designed with a subdrain outlet to divert water away in the event of an overflow. If planters are located within 10 feet of structures or foundations, or adjacent to slabs and pavements, then some means of diverting water away from the structures, foundation soils, or soils that support slabs and pavements would be required, such as lining the planters.

4.7 PAVEMENTS

The required pavement structural sections will depend on the expected wheel loads, volume of traffic, and subgrade soils. We have provided asphalt concrete pavement sections for traffic indices provided in the CWDRs (Costco, 2018). Positive drainage of the paved areas should be provided since moisture infiltration into the subgrade may decrease the life of pavements. Curbing located adjacent to paved areas should be founded in the subgrade, not the aggregate base, in order to provide a cutoff, which reduces water infiltration into the base course.

The following pavement sections are based on the soil conditions encountered during our field investigation, our assumptions regarding final site grades, and limited laboratory testing.

4.7.1 Costco Design Parameters

We developed pavement design recommendations using traffic indices provided in the CWDRs (2018) based on the following assumptions:

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- A 20-year pavement design life;
- Light-duty pavements subject to 6,600 passenger vehicle trips per year (Traffic Index of 5.0);
- Heavy-duty pavements subject to 30 tractor-trailer truck trips per day (Traffic Index of 7.0);
- For asphalt concrete pavements: an R-value of 5 based on laboratory testing; and
- For Portland cement concrete (PCC) Pavements: a 28-day flexural strength (modulus of rupture determined by the third-point method) of at least 550 pounds per square inch (psi) (approximate compressive strength of 4,000 psi); a modulus of subgrade reaction (k value) of 75 pounds per square inch per inch (pci); and interlock at the control joints.

4.7.2 Asphalt Concrete Pavement

We have developed new asphalt concrete pavement, also referred to as Hot Mix Asphalt (HMA) pavements sections in accordance the Caltrans Highway Design Manual in lieu of the Asphalt Institute Manual Series (MS-1) so that the pavement structural sections are somewhat comparable to the existing sections. HMA should conform to requirements of the Costco Wholesale Specification Section 321216, Asphalt Paving. Table 3 presents recommended HMA pavement sections. The designer should select the appropriate pavement sections based on project requirements. Prior to placement of aggregate base, pavement subgrade should be prepared in accordance with Section 5.2.2.

Table 3
Asphalt Concrete Pavement Sections
(Design R-Value = 5)

Traffic Use	Traffic Index, TI	Asphalt Concrete* (inches)	Aggregate Base (inches)
Light-Duty Pavement	5.0	4.0	7.5
Heavy-Duty Pavement	7.0	5.0	13.5

*rounded to the nearest ½ inch.

4.7.3 Asphalt Performance Grade Binder

An asphalt performance grade (PG) binder of 64-10 should be used for the project. This recommendation was developed in accordance with Costco Wholesale Asphalt Paving

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Specification Section 321216. Air temperature data nearest the project site was used with the MERRA Climate Data option and the PG binder was selected using the FHWA program LTTPBind Online web-based tool based on the AASHTO M323-13 standard. The high-end and low-end temperature rating was selected to provide a reliability of at least 98 and 90 percent, respectively.

4.7.4 Portland Cement Concrete Pavement

We designed PCC pavement in accordance with the Portland Cement Association (PCA) Thickness Design for Concrete Pavements (PCA, 1984) using the design parameters stated above. For heavy-duty pavements, we recommend that PCC pavement should be comprised of 8.0 inches of PCC with 6.0 inches of aggregate base. Prior to placement of aggregate base, pavement subgrade should be prepared in accordance with Section 5.2.2.

Longitudinal and transverse joint spacing should not exceed 12 feet and 15 feet, respectively. Joint details should conform to PCA guidelines. Expansion joints in concrete slabs should be sealed with petroleum resistant sealant to prevent minor releases from impacting subsurface soil.

4.7.5 Aggregate Base

Aggregate base materials should meet current Caltrans specifications for Class 2 aggregate base. Please note that Caltrans Class 2 aggregate base may utilize recycled materials. The use of recycled material requires Costco's approval.

4.8 SOIL CORROSION

A preliminary evaluation of the corrosion potential of the on-site soils to steel and buried concrete was completed. Laboratory testing was performed on two soil samples to evaluate pH, minimum resistivity, chloride and soluble sulfate content. The test results are presented in Table 4.

Table 4
Corrosion Test Results

Boring	Depth (ft)	Minimum Resistivity (ohm-cm)	pH	Soluble Sulfate Content (ppm)	Soluble Chloride Content (ppm)
KB-2	3.0	956	8.7	138	26

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These tests are only an indicator of soil corrosivity for the samples tested. Other soils found on site may be more, less, or of a similar corrosive nature. Imported fill materials should be tested to confirm that their corrosion potential is not more severe than those noted.

The minimum resistivity of a soil sample taken at a depth of approximately 3 feet below grade indicates that the soils are extremely corrosive to metals. The concentrations of soluble sulfate in the soil samples analyzed are “low” with respect to sulfate attack. However, based on prior testing at the Costco site for other projects (Kleinfelder, 2018), we recommend that the soils be classified as Class S2 based on ACI 318-14 Table 19.3.1.1. Also, because the site is in a coastal (saltwater) environment, reinforcing steel in concrete structures and pipes in contact with soil and groundwater should be protected from chloride attack. The level of protection should be for reinforcement exposed to seawater, which is considered a “severe” environment (Class C2, ACI 318-14 Table 19.3.1.1).

Kleinfelder’s scope of services does not include corrosion engineering and, therefore, a detailed analysis of the corrosion test results is not included. We understand gasoline station equipment is constructed of corrosion resistant synthetic materials. We recommend the gasoline station designer review these results and consult a corrosion expert for further evaluation, if necessary.

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5 CONSTRUCTION RECOMMENDATIONS

5.1 GENERAL

The following recommendations should be used by the contractor for construction of the project.

5.2 EARTHWORK

5.2.1 General

Site preparation and earthwork operations should be performed in accordance with applicable codes, safety regulations and other local, state or federal specifications, and the recommendations included in this report. References to maximum dry unit weights are established in accordance with the latest version of ASTM Standard Test Method D1557 (modified Proctor). The earthwork operations should be observed and tested by a representative of Kleinfelder.

The moisture content of the fill is considered very important, and therefore, both relative compaction and moisture content should be used to evaluate compaction acceptance. If both criteria are not within the specified tolerances, the fill should not be accepted, and the contractor should rework the material until the fill is placed within the specified tolerances.

5.2.2 Site Preparation

Abandoned utilities (including any trench backfill), existing pavements, foundations, and other existing improvements within the proposed fuel facility areas should be removed and the excavation(s) backfilled with engineered fill. Debris produced by demolition operations, including wood, steel, piping, plastics, etc., should be separated and disposed of off-site. Existing utility pipelines or conduits that extend beyond the limits of the proposed construction and are to be abandoned in place, should be plugged with non-shrinking cement grout to prevent migration of soil and/or water. Demolition, disposal and grading operations should be observed and tested (as appropriate) by a representative of Kleinfelder. Areas to receive fill should be stripped of all dry, loose, or soft earth materials and unsuitable fill materials to the satisfaction of a representative of Kleinfelder.

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After the area has been stripped of soft earth materials and debris, we recommend that the exposed subgrade be scarified to a depth of 6 to 8 inches, moisture conditioned, and compacted in accordance to the compaction criteria provided in this report. Following compaction and prior to the placement of fill, areas to receive fill should be proof-rolled with heavy construction equipment (e.g. loader or smooth-drum roller) to disclose areas of soft and yielding material. Where soft or yielding material are observed, the material should be overexcavated and replaced as structural fill. The proof-rolling should extend beyond the proposed improvements a horizontal distance of at least 2 feet, if practicable.

Based on past experience, it is common to encounter wet, unstable soils upon removal of site pavements or flatwork as a result of subsurface moisture becoming trapped beneath relatively impervious asphalt concrete or Portland cement concrete surfaces. Perched groundwater or saturated near surface conditions are also common in clayey soils following winter or heavy rains. The contractor should anticipate that pumping or saturated subgrade conditions will be encountered during site grading activities, and the subgrade may need to be stabilized. Recommendations for stabilization are provided in section 5.3.

5.2.3 Foundation Excavations

Spread Footings

Following excavation to the foundation subgrade elevations, the exposed subgrade should be observed by a representative of the geotechnical engineer to evaluate the presence of satisfactory materials at design elevations. If unsatisfactory material, such as soft or disturbed soil, debris or otherwise unsuitable soil is present at the base of footing excavations, then unsuitable materials should be overexcavated and replaced (e.g. with structural concrete, 2-sack sand-cement slurry, structural fill) to the depth and extent determined by the geotechnical engineer. As a minimum, the contractor should be prepared to scarify, moisture condition, and recompact the upper 12 inches of footing subgrade.

Light Pole Foundations

The performance and capacities of piles can be influenced significantly by the selected construction methods and procedures used. Construction methods that create large zones of disturbance around the drilled shafts can lead to lower than expected skin friction due to excessive stress relief around the shaft length. Drilling of the pile shafts should be accomplished using

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heavy-duty excavation equipment maintained in good condition. Perched groundwater was encountered as shallow as approximately 3 feet bgs during our field exploration in the area of the proposed fuel facility. The piles will be constructed partly below groundwater and, therefore, caving of the pile shafts should be anticipated and will need to be prevented. Temporary casing may be required to stabilize the sides of the piles shaft.

Concrete should be placed immediately after drilling of the hole is complete. The concrete should be pumped to the bottom of the drilled shaft using a down hole tremie. If the tremie method is used to place concrete below the water level, we recommend it have a slump of at least 8 inches. If steel casing is used, the casing should be removed as the concrete is placed but the bottom of the casing should be kept at least 5 feet below the top of the concrete.

5.2.4 Fill Material and Compaction Criteria

The on-site soils, minus any debris, organic matter, or other deleterious materials, may be used in the site fills in the area of the existing and proposed fuel facility. Rock or other soil fragments greater than 3 inches in size should not be used in the fills.

Due to compaction difficulties, we do not recommend compacting the onsite clayey soils to 95 percent of the maximum dry unit weight (ASTM D1557), as required in the CWDRs. Onsite clayey soils should be compacted to at least 90 percent of the soil's maximum dry unit weight (ASTM D1557). Compacting the onsite soils to at least 90 percent relative compaction will achieve the necessary strength assumed in our design recommendations. The upper 12 inches below pavement should be compacted to 95 percent of the maximum dry unit weight.

Fill should be placed in loose horizontal lifts not more than 8 inches thick (loose measurement). The moisture content of the fill should be maintained at least 2 percent above optimum during compaction and until the aggregate base is placed and compacted. The moisture content of the clayey fill is considered very important, and therefore, both relative compaction and moisture content should be used to evaluate compaction acceptance. If both criteria are not within the specified tolerances, the fill should not be accepted, and the contractor should rework the material until the fill is placed within the specified tolerances.

Import materials, if required, should have a Plasticity Index of no less than 5 with no more than 30 percent of the particles passing the No. 200 sieve and no particles greater than 3 inches in maximum dimension. The maximum PI for imported soils may be modified by the project

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geotechnical engineer depending on its proposed use. Imported fill should be documented to be free of hazardous materials, including petroleum or petroleum byproducts, chemicals and harmful minerals. Kleinfelder should evaluate the proposed imported materials prior to their transportation and use on site.

5.2.5 Excavation Characteristics

Bedrock was encountered at depths of approximately 5 to 7½ feet below grade in the area of the USTs. The bedrock material consisted generally of a weak and highly weathered siltstone. The bedrock is considered excavatable; however, cemented/stronger layers may be present, and a large hydraulic excavator equipped with either a rock ripping attachment or a pneumatic hammer may be needed to break up and excavate the bedrock to depth.

5.2.6 Temporary Excavations

All excavations must comply with applicable local, state, and federal safety regulations, including OSHA requirements. The responsibility for excavation safety and stability of temporary construction slopes lies solely with the contractor. We are providing this information below solely as a service to our client. Under no circumstances should this information provided be interpreted to mean that Kleinfelder is assuming responsibility for final engineering of excavations or shoring, construction site safety, or the contractors' activities; such responsibility is not being implied and should not be inferred.

Minor sloughing and/or raveling of slopes should be anticipated as they dry out. Where space for sloped embankments is not available, shoring will be necessary. In addition, excavations within a 1:1 plane extending downward from a horizontal distance of 2 feet beyond the bottom outer edge of existing improvements should not be attempted without bracing and/or underpinning the footings, as discussed above. The geotechnical engineer or their field representative should observe the excavations so that modifications can be made to the excavations, as necessary, based on variations in the encountered soil conditions. All applicable excavation safety requirements and regulations, including OSHA requirements, should be met.

All trench excavations should be braced and shored in accordance with good construction practice and all applicable safety ordinances and codes. Stockpiled (excavated) materials should be placed no closer to the edge of an excavation than a distance equal to the depth of the excavation, but no closer than 4 feet.

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5.2.7 Trench Backfill

Pipe zone backfill (i.e. material beneath and in the immediate vicinity of the pipe) should consist of imported soil less than ¾-inch in maximum dimension. Trench zone backfill (i.e., material placed between the pipe zone backfill and finished subgrade) may consist of onsite soil or imported fill that meets the requirements for engineered fill provided above.

If imported material is used for trench zone backfill, we recommend it consist of silty sand. In general, gravel and cobble should not be used for trench zone backfill due to the potential for soil migration into the relatively large void spaces present in this type of material and water seepage along trenches backfilled with coarse-grained sand and/or gravel.

Recommendations provided above for pipe zone backfill are minimum requirements only. More stringent material specifications may be required to fulfill local building requirements and/or bedding requirements for specific types of pipes. We recommend the project civil engineer develop these material specifications based on planned pipe types, bedding conditions, and other factors beyond the scope of this study.

Trench backfill should be placed and compacted in accordance with recommendations provided for engineered fill in Section 5.2.3. Mechanical compaction is recommended; ponding or jetting should be avoided, especially in areas supporting structural loads or beneath concrete slabs supported on grade, pavements, or other improvements.

5.3 UNSTABLE SUBGRADE CONDITIONS

Based on past experience it is common to encounter wet, unstable soils upon removal of site pavements or flatwork as a result of subsurface moisture becoming trapped beneath relatively impervious asphalt concrete or Portland cement concrete surfaces. Additionally, depending on time of year and weather conditions we anticipate that near surface soils may become saturated. Pumping subgrade conditions may be encountered during site grading activities, and the subgrade may need to be stabilized with geotextiles and crushed rock. Additionally, should grading be performed during or following periods of rainfall, the moisture content of the near-surface soils will also be significantly above the optimum moisture content. These conditions could seriously impede grading by causing an unstable subgrade condition. Typical remedial measures include the following:

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- Drying: Drying unstable subgrade involves disking or ripping wet subgrade to a depth of approximately 18 to 24 inches and allowing the exposed soil to dry. Multiple passes of the equipment (likely on a daily basis) will be needed because as the surface of the soil dries, a crust forms that reduces further evaporation. Frequent disking will help prevent the formation of a crust and will promote drying. This process could take several days to several weeks depending on the depth of ripping, the number of passes, and the weather.
- Removal and Replacement with Crushed Rock and Geotextile Fabric: Unstable subgrade could be over-excavated 12 to 24 inches below existing grade and replaced with ¾- or 1-inch crushed rock underlain and/or wrapped by geotextile fabric. The geotextile fabric should consist of a woven geotextile, such as Mirafi HP series or equivalent. The final depth of removal will depend upon the conditions observed in the field once over-excavation begins. The geotextile fabric should be placed in accordance with the manufacturer's recommendations.

5.4 GROUNDWATER IMPACTS DURING CONSTRUCTION

Excavations of up to approximately 16 to 18 feet below existing grades are anticipated for construction of the USTs. Perched groundwater was measured in our soil borings, KB-2 and KB-3, at a depth of approximately 3 to 5 feet bgs.

Temporary dewatering will be required at the time of the installation of the UST and deep utilities. Dewatering of excavations may be achieved by using localized sumps and trenches for nuisance water if "watertight" shoring is used. If groundwater inflows are significant, a well-point or eductor pump dewatering system may be required. As an alternative to dewatering, the USTs may be "wet set." The following are considerations with respect to dewatering proposed excavations:

- The contractor should retain an experienced engineer for design of a dewatering system. The dewatering system should be installed by a contractor specializing in dewatering under similar soil conditions. It has been our experience that improperly designed or constructed dewatering systems can significantly impact project schedule, cost, and adjacent structures.
- Sump pumping during construction should be anticipated to remove groundwater that bypasses the dewatering system. Gravel filled trenches and sump pits should be lined with filter fabric (Mirafi 140N or equivalent) to reduce the potential of pumping out fines.

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Turbid (cloudy to muddy) discharge water should be anticipated and additional measures for settlement of solids may be required.

- A dewatering monitoring program should include routine monitoring for suspended solids and treatment facilities to ensure compliance with regulatory criteria. Permitting and monitoring of the discharged water will be required. Contaminated water will be required to be captured and treated to agency requirements prior to discharging into public system from the pumping system.
- The UST will be placed on gravel bedding and anchored with “deadmen” to resist potential buoyant forces from the groundwater.

5.5 TEMPORARY SHORING

Temporary shoring may be required in areas adjacent to existing structures or improvements where excavations cannot be adequately sloped. Temporary shoring may consist of a turn-key shoring system, soldier piles and lagging, or other system. Recommendations for design of temporary shoring are presented below.

The shoring design should be provided by a civil engineer registered in the State of California and experienced in the design and construction of shoring under similar conditions. Once the final excavation and shoring plans are complete, the plans and design should be reviewed by Kleinfelder for conformance with the design intent and geotechnical recommendations provided herein.

5.5.1 Lateral Pressures

For the design of cantilevered shoring, an equivalent fluid pressure of 40 pounds per cubic foot (pcf) may be used for level backfill conditions. Where the surface of the retained earth slopes up away from the shoring, a greater pressure should be used. Design data can be developed for additional cases when the design conditions are established.

In addition to the recommended earth pressure, any surcharge (live, including traffic, or dead load) located within a 1:1 plane drawn upward from the base of the shored excavation should be added to the lateral earth pressures. The lateral contribution of a uniform surcharge load located immediately behind the wall may be calculated by multiplying the surcharge by 0.33 for the level backfill condition. Lateral load contributions of surcharges located at a distance behind the shored

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wall may be provided once the load configurations and layouts are known. As a minimum, a 2-foot equivalent vertical soil surcharge (250 psf) is recommended to account for nominal construction loads. It should be noted that the above pressures do not include hydrostatic pressure and assume groundwater will not be encountered in the excavation, or dewatering will be used to lower the ground water table below the bottom of the excavation.

5.5.2 Design of Soldier Piles

All soldier piles should extend to a sufficient depth below the excavation bottom to provide the required lateral resistance. We recommend the required embedment depths be calculated based on the principles of force and moment equilibrium. For this method, the allowable passive pressure against soldier piles that extend below the level of excavation may be assumed to be equivalent to a fluid pressure of 400 pcf. The maximum lateral resistance value should not exceed 4,000 psf. To account for arching, the passive resistance may be assumed to act over a width 2.5 times the width of the embedded portion of the pile, provided adjacent piles are spaced at least 3.0 pile diameters, center-to-center.

Drilling of the soldier pile shafts could be accomplished using heavy-duty drilling equipment. Soldier pile shafts will extend below the groundwater into bedrock. Concrete for piles should be placed immediately after the drilling of the hole is complete. The concrete should be pumped to the bottom of the drilled shaft using a tremie. Once concrete pumping is initiated, a minimum head of 5 feet of concrete above the bottom of the tremie should be established and maintained throughout the concrete placement to prevent contamination of the concrete by soil inclusions. If steel casing is used, the casing should be removed as the concrete is placed.

To develop full lateral resistance, provisions should be taken to assure firm contact between the soldier piles and undisturbed materials. The concrete placed in the soldier pile excavations may be a lean-mix concrete. However, the concrete used in that portion of the soldier pile that is below the planned excavated level should provide sufficient strength to adequately transfer the imposed loads to the surrounding materials.

5.5.3 Lagging

Continuous treated timber lagging should be used between the soldier piles. The lagging should be installed as the excavation proceeds. If treated timber is used, the lagging may remain in place

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after backfilling. The lagging should be designed for the recommended earth pressure but limited to a maximum value of 400 psf.

5.5.4 Deflection

Shoring adjacent to existing structures or improvements should be designed and constructed to reduce potential movement. The shoring system designer should evaluate potential deflections in their design.

5.5.5 Monitoring

Some deflection of the shored excavation should be anticipated during the planned excavation. We recommend the project civil engineer perform a survey of all existing utilities and structures adjacent to the shored excavation. The purpose of this survey would be to evaluate the ability of existing utility lines or improvements to withstand horizontal movements associated with a shored excavation and to establish the baseline condition in case of unfounded claims of damage. If existing improvements are not capable of withstanding anticipated lateral movements, alternative shoring systems may be required.

Horizontal and vertical movements of the shoring system should be monitored by a licensed surveyor. The construction monitoring and performance of the shoring system are ultimately the contractor's responsibility. However, at a minimum, we recommend that the top of shoring be surveyed prior to excavation and that the top and bottom of the soldier beams be surveyed on a weekly basis until the shoring is not needed. Surveying should consist of measuring movements in vertical and two perpendicular horizontal directions.

5.6 EXTERIOR FLATWORK

Prior to casting exterior flatwork, the subgrade soils should be moisture conditioned and recompacted or over-excavated, as recommended in Section 5.2.2. The moisture content of the subgrade soils should be maintained at the required level until placement of any flatwork or engineered fill. Careful control of the water/cement ratio should be performed to avoid shrinkage cracking due to excess water or poor concrete finishing or curing. Unreinforced slabs should not be built in areas where further saturation may occur following construction.

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5.7 PAVEMENTS

5.7.1 HMA Design

Hot Mix Asphalt (HMA) should conform to requirements of the Costco Wholesale Specification Section 321216, Asphalt Paving. Section 1.3.C of the HMA specification requires that the HMA section be placed in at least two lifts. The HMA specification allows the use of ½- or ¾-inch Nominal Maximum Aggregate Size (NMAS) mixes for the base course and ⅜- or ½-inch NMAS mixes for surface course. Maximum and minimum HMA compacted lift thicknesses are provided in Table 3.1 in Section 3.3.B of the HMA specification.

5.7.2 Construction Considerations

The pavement sections provided in Section 4.6 are contingent on the following recommendations being implemented during construction.

- Pavement subgrade should be prepared as recommended in Section 5.2.2.
- Subgrade soils should be in a stable, non-pumping condition at the time the aggregate base materials are placed and compacted.
- Aggregate base materials should be moisture conditioned to at least the optimum moisture content and compacted to at least 95 percent relative compaction (ASTM D1557).
- Asphalt paving materials and placement methods should meet current Costco Wholesale Specifications Section 321216.
- Adequate drainage (both surface and subsurface) should be provided such that the subgrade soils and aggregate base materials are not allowed to become wet.

Note that pavement materials and construction must be completed in strict accordance with the Costco's specifications that contain very specific pavement material (asphalt, aggregate and concrete) criteria and construction practices to be used (compaction and material sampling). The general contractor and pavement construction subcontractor should be aware that asphalt and concrete mix designs must be submitted to the design architect and Kleinfelder at least 45 days prior to the scheduled production and laydown for review and approval.

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6 ADDITIONAL SERVICES

6.1 PLANS AND SPECIFICATIONS REVIEW

We recommend that Kleinfelder perform a general review of the project plans and specifications before they are finalized to verify that our geotechnical recommendations have been properly interpreted and implemented during design. If we are not accorded the privilege of performing this review, we can assume no responsibility for misinterpretation of our recommendations.

6.2 CONSTRUCTION OBSERVATION AND TESTING

The construction process is an integral design component with respect to the geotechnical aspects of a project. Because geotechnical engineering is an inexact science due to the variability of natural processes, and because we sample only a limited portion of the soils affecting the performance of the proposed structure, unanticipated or changed conditions can be encountered during grading. Proper geotechnical observation and testing during construction are imperative to allow the geotechnical engineer the opportunity to verify assumptions made during the design process. Therefore, we recommend that Kleinfelder be retained during the construction of the proposed improvements to observe compliance with the design concepts and geotechnical recommendations, and to allow design changes in the event that subsurface conditions or methods of construction differ from those assumed while completing this study.

Our services are typically needed at the following stages of grading.

- After demolition;
- During grading;
- During the installation of temporary construction shoring;
- After the overexcavation, but prior to scarification;
- During utility trench backfill;
- During base placement and site paving; and
- After excavation for foundations.

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7 LIMITATIONS

This geotechnical study has been prepared for the exclusive use of Costco Wholesale and their agents for specific application to the proposed fuel facility at Costco Wholesale Warehouse No. 141 located at 300 Vintage Way in Novato, California. The findings, conclusions and recommendations presented in this report were prepared in accordance with generally accepted geotechnical engineering practice. No other warranty, express or implied, is made.

The scope of services was limited to a background data review and the field exploration described in Section 1.2. It should be recognized that definition and evaluation of subsurface conditions are difficult. Judgments leading to conclusions and recommendations are generally made with incomplete knowledge of the subsurface conditions present due to the limitations of data from field studies. The conclusions of this assessment are based on our field exploration and laboratory testing programs, and engineering analyses.

Kleinfelder offers various levels of investigative and engineering services to suit the varying needs of different clients. Although risk can never be eliminated, more detailed and extensive studies yield more information, which may help understand and manage the level of risk. Since detailed study and analysis involves greater expense, our clients participate in determining levels of service, which provide information for their purposes at acceptable levels of risk. The client and key members of the design team should discuss the issues covered in this report with Kleinfelder, so that the issues are understood and applied in a manner consistent with the owner's budget, tolerance of risk and expectations for future performance and maintenance.

Recommendations contained in this report are based on our field observations and subsurface explorations, limited laboratory tests, and our present knowledge of the proposed construction. It is possible that soil or groundwater conditions could vary between or beyond the points explored. If soil or groundwater conditions are encountered during construction that differ from those described herein, the client is responsible for ensuring that Kleinfelder is notified immediately so that we may reevaluate the recommendations of this report. If the scope of the proposed construction, including the estimated Traffic Index or locations of the improvements, changes from that described in this report, the conclusions and recommendations contained in this report are not considered valid until the changes are reviewed, and the conclusions of this report are modified or approved in writing, by Kleinfelder.

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The scope of services for this subsurface exploration and geotechnical report did not include environmental assessments or evaluations regarding the presence or absence of wetlands or hazardous substances in the soil, surface water, or groundwater at this site.

Kleinfelder cannot be responsible for interpretation by others of this report or the conditions encountered in the field. Kleinfelder must be retained so that all geotechnical aspects of construction will be monitored on a full-time basis by a representative from Kleinfelder, including site preparation, preparation of foundations, and placement of engineered fill and trench backfill. These services provide Kleinfelder the opportunity to observe the actual soil and groundwater conditions encountered during construction and to evaluate the applicability of the recommendations presented in this report to the site conditions. If Kleinfelder is not retained to provide these services, we will cease to be the engineer of record for this project and will assume no responsibility for any potential claim during or after construction on this project. If changed site conditions affect the recommendations presented herein, Kleinfelder must also be retained to perform a supplemental evaluation and to issue a revision to our original report.

This report, and any future addenda or reports regarding this site, may be made available to bidders to supply them with only the data contained in the report regarding subsurface conditions and laboratory test results at the point and time noted. Bidders may not rely on interpretations, opinion, recommendations, or conclusions contained in the report. Because of the limited nature of any subsurface study, the contractor may encounter conditions during construction which differ from those presented in this report. In such event, the contractor should promptly notify the owner so that Kleinfelder's geotechnical engineer can be contacted to confirm those conditions. We recommend the contractor describe the nature and extent of the differing conditions in writing and that the construction contract include provisions for dealing with differing conditions. Contingency funds should be reserved for potential problems during earthwork and foundation construction.

This report may be used only by the client and only for the purposes stated, within a reasonable time from its issuance, but in no event later than one year from the date of the report. Land use, site conditions (both on site and off site) or other factors may change over time, and additional work may be required with the passage of time. Any party, other than the client who wishes to use this report shall notify Kleinfelder of such intended use. Based on the intended use of this report and the nature of the new project, Kleinfelder may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements by the client or anyone else will release Kleinfelder from any liability resulting from the use of this report by any unauthorized party

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and the client agrees to defend, indemnify, and hold harmless Kleinfelder from any claims or liability associated with such unauthorized use or non-compliance.

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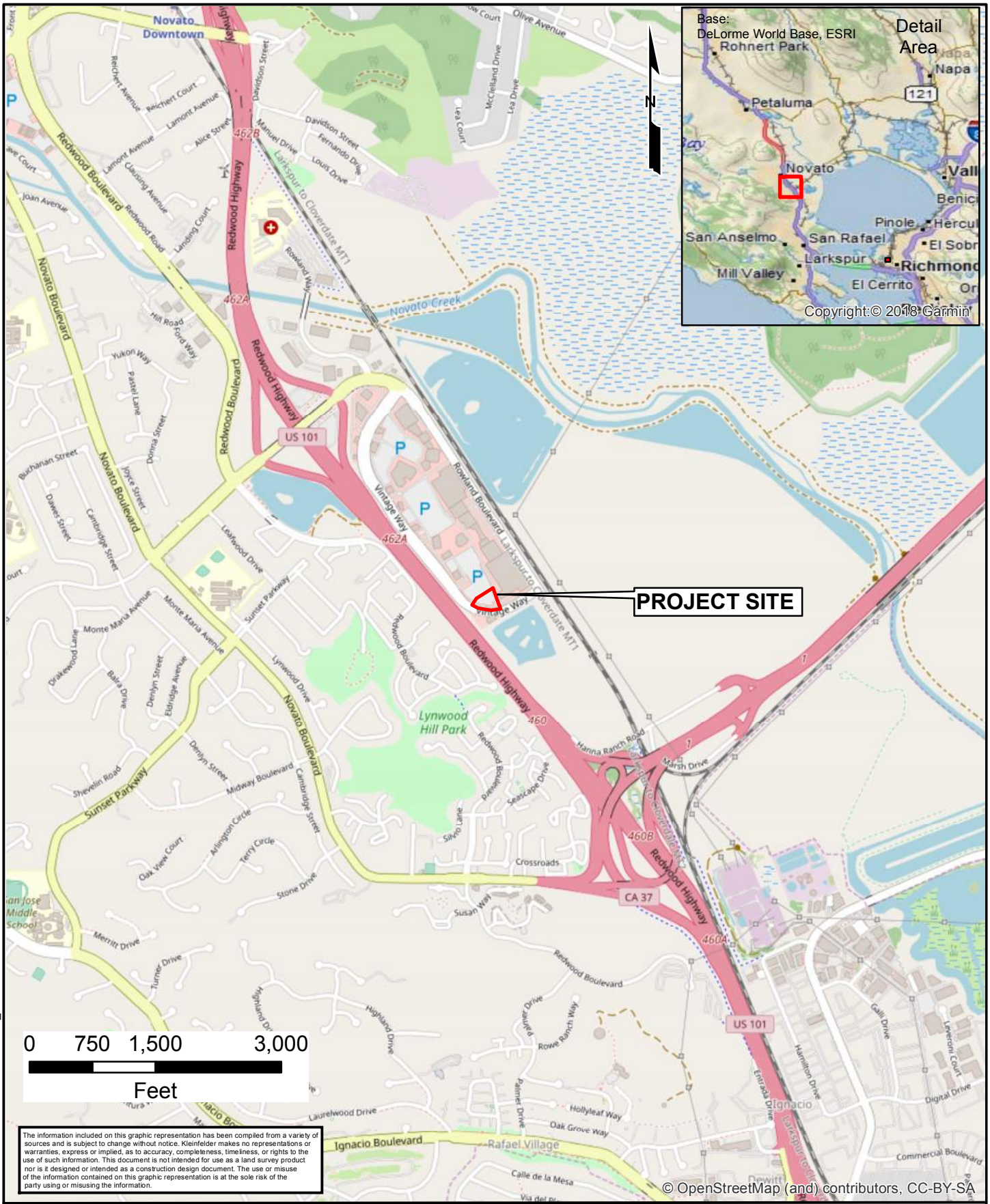
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Figures



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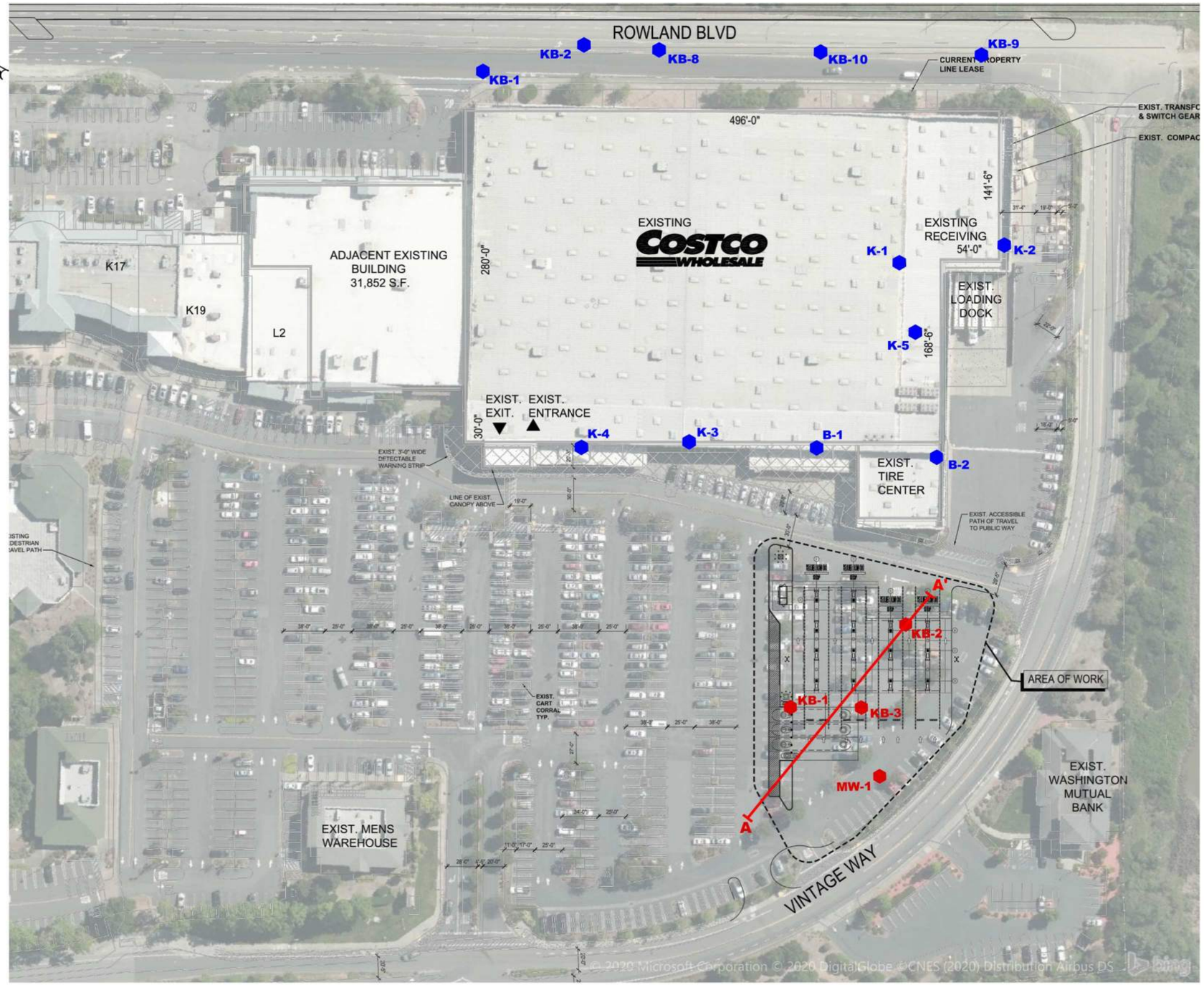
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SITE VICINITY MAP

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA 94945

FIGURE

1



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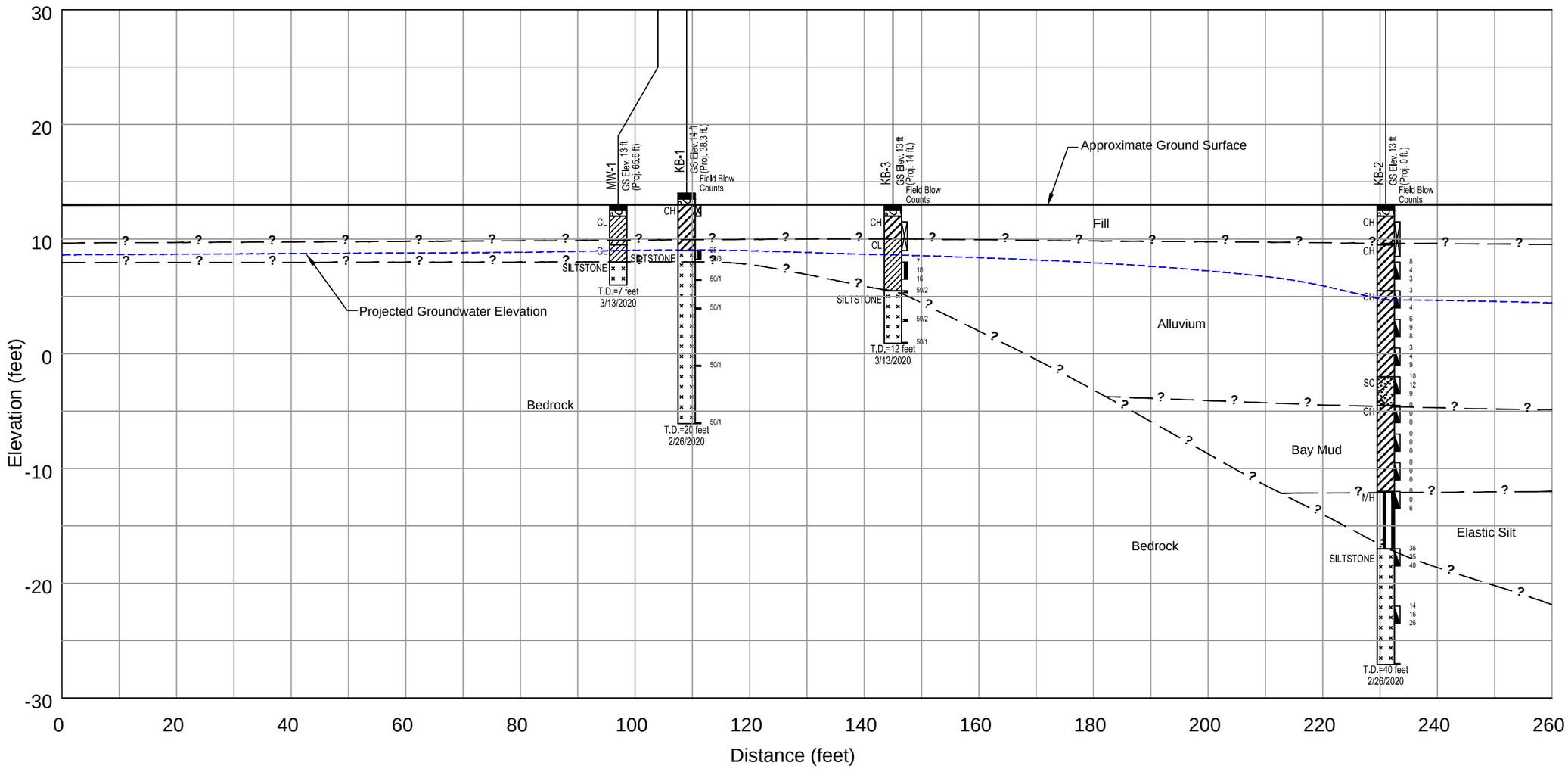
SITE EXPLORATION PLAN

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

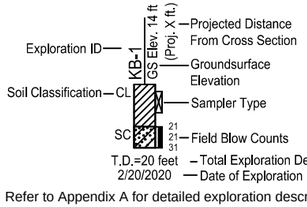
FIGURE
2

A

A'



EXPLANATION



Refer to Appendix A for detailed exploration descriptions.

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CROSS SECTION A - A'

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE
3

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Appendix A

APPENDIX A
CURRENT FIELD EXPLORATION

GENERAL

Our field exploration program consisted of drilling four geotechnical borings. The borings were drilled on February 26 and March 13, 2020. Prior to commencement of the fieldwork we obtained the necessary permits and permission for access to the site. The boring locations were also cleared for buried utilities through Underground Service Alert (USA) and by a private utility locating service.

The borings were located within the proposed fuel facility area within an area of existing asphalt parking. One boring was located within the fuel canopy area, two borings were within the underground storage tank (UST) excavation area and the final boring was located within the queueing area. Borings were drilled to a maximum depth of approximately 40½ feet bgs or to practical bedrock refusal. Borings within the UST area were drilled to a maximum depth of 20 feet bgs due to shallow bedrock conditions. The borings were drilled by Exploration Geo-services of San Jose, California using truck-mounted hollow-stem auger drill rig with mud rotary capabilities. The logs of the borings are included as an attachment to this appendix. The approximate locations of the explorations are presented on Figure 2.

An explanation of the boring logs are presented as Figure A-1 through A-3. The boring logs are presented on Figures A-3 through A-7. The boring log describes the earth materials encountered, samples obtained and show field and laboratory tests performed. The log also shows the location, boring number, drilling date and the name of the drilling subcontractor. The borings were logged by a Kleinfelder engineer using the Unified Soil Classification System (ASTM D2487/D2488). The boundaries between soil types shown on the log are approximate where indicated with a dashed line because the transition between different soil layers may be gradual or location of the transition may be unknown. In a few cases the transition was captured within samples obtained from the subsurface exploration or other information enable us to define an approximately exact location as depicted by a solid line on the logs.

Bulk and drive samples of selected earth materials were obtained from the borings. A California-type and a Standard Penetration (SPT) sampler were used to obtain drive samples of the soils encountered. The California-type sampler consists of a 3-inch O.D., 2.4-inch I.D. split barrel shaft and the SPT sampler consist of a 2-inch O.D., 1.5-inch split barrel shaft. Both sampling techniques involve the sampler being pushed or driven a total of 18 inches into the soil

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at the bottom of the boring. The soil was retained in tubes and zip-locked bags for laboratory testing. An additional 2 inches of soil from each drive remained in the cutting shoe and was usually discarded after visually classifying the soil per ASTM D2488. The sampler was driven using a 140-pound hammer falling 30 inches. The total number of blows required to drive the sampler the final 12 inches is termed blow count and is recorded on the boring log except where refusal was encountered. Bulk sample bags were also taken for analysis of near surface soils.

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SAMPLE/SAMPLER TYPE GRAPHICS

BULK SAMPLE

CALIFORNIA SAMPLER
(3 in. (76.2 mm.) outer diameter)

STANDARD PENETRATION SPLIT SPOON SAMPLER
(2 in. (50.8 mm.) outer diameter and 1-3/8 in. (34.9 mm.) inner diameter)

GROUND WATER GRAPHICS

WATER LEVEL (level where first observed)

WATER LEVEL (level after exploration completion)

WATER LEVEL (additional levels after exploration)

OBSERVED SEEPAGE

NOTES

- The report and graphics key are an integral part of these logs. All data and interpretations in this log are subject to the explanations and limitations stated in the report.
- Lines separating strata on the logs represent approximate boundaries only. Actual transitions may be gradual or differ from those shown.
- No warranty is provided as to the continuity of soil or rock conditions between individual sample locations.
- Logs represent general soil or rock conditions observed at the point of exploration on the date indicated.
- In general, Unified Soil Classification System designations presented on the logs were based on visual classification in the field and were modified where appropriate based on gradation and index property testing.
- Fine grained soils that plot within the hatched area on the Plasticity Chart, and coarse grained soils with between 5% and 12% passing the No. 200 sieve require dual USCS symbols, ie., GW-GM, GP-GM, GW-GC, GP-GC, GC-GM, SW-SM, SP-SM, SW-SC, SP-SC, SC-SM.
- If sampler is not able to be driven at least 6 inches then 50/X indicates number of blows required to drive the identified sampler X inches with a 140 pound hammer falling 30 inches.

ABBREVIATIONS
WOH - Weight of Hammer
WOR - Weight of Rod

UNIFIED SOIL CLASSIFICATION SYSTEM (ASTM D 2487)

COARSE GRAINED SOILS (More than half of material is larger than the #200 sieve)	**GRAVELS** (More than half of coarse fraction is larger than the #4 sieve)	CLEAN GRAVEL WITH <5% FINES	Cu≥4 and 1≤Cc≤3		**GW**	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
			Cu<4 and/ or 1>Cc>3		**GP**	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE OR NO FINES
		GRAVELS WITH 5% TO 12% FINES	Cu≥4 and 1≤Cc≤3		**GW-GM**	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES
					GW-GC	WELL-GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES
			Cu<4 and/ or 1>Cc>3		**GP-GM**	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE FINES
					GP-GC	POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES WITH LITTLE CLAY FINES
		GRAVELS WITH > 12% FINES			**GM**	SILTY GRAVELS, GRAVEL-SILT-SAND MIXTURES
					GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
					GC-GM	CLAYEY GRAVELS, GRAVEL-SAND-CLAY-SILT MIXTURES
	SANDS (More than half of coarse fraction is smaller than the #4 sieve)	CLEAN SANDS WITH <5% FINES	Cu≥6 and 1≤Cc≤3		**SW**	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
			Cu<6 and/ or 1>Cc>3		**SP**	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE OR NO FINES
		SANDS WITH 5% TO 12% FINES	Cu≥6 and 1≤Cc≤3		**SW-SM**	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
					SW-SC	WELL-GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
			Cu<6 and/ or 1>Cc>3		**SP-SM**	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE FINES
					SP-SC	POORLY GRADED SANDS, SAND-GRAVEL MIXTURES WITH LITTLE CLAY FINES
		SANDS WITH > 12% FINES			**SM**	SILTY SANDS, SAND-GRAVEL-SILT MIXTURES
					SC	CLAYEY SANDS, SAND-GRAVEL-CLAY MIXTURES
					SC-SM	CLAYEY SANDS, SAND-SILT-CLAY MIXTURES

FINE GRAINED SOILS (More than half of material is smaller than the #200 sieve)	SILTS AND CLAYS (Liquid Limit less than 50)	**ML**	INORGANIC SILTS AND VERY FINE SANDS, SILTY OR CLAYEY FINE SANDS, SILTS WITH SLIGHT PLASTICITY
		CL	INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
		CL-ML	INORGANIC CLAYS-SILTS OF LOW PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
		OL	ORGANIC SILTS & ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS (Liquid Limit greater than 50)	**MH**	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SAND OR SILT
		CH	INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
		OH	ORGANIC CLAYS & ORGANIC SILTS OF MEDIUM-TO-HIGH PLASTICITY

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GRAPHICS KEY

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

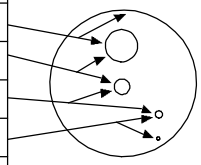
FIGURE

A-1

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GRAIN SIZE

DESCRIPTION		SIEVE SIZE	GRAIN SIZE	APPROXIMATE SIZE
Boulders		>12 in. (304.8 mm.)	>12 in. (304.8 mm.)	Larger than basketball-sized
Cobbles		3 - 12 in. (76.2 - 304.8 mm.)	3 - 12 in. (76.2 - 304.8 mm.)	Fist-sized to basketball-sized
Gravel	coarse	3/4 -3 in. (19 - 76.2 mm.)	3/4 -3 in. (19 - 76.2 mm.)	Thumb-sized to fist-sized
	fine	#4 - 3/4 in. (#4 - 19 mm.)	0.19 - 0.75 in. (4.8 - 19 mm.)	Pea-sized to thumb-sized
Sand	coarse	#10 - #4	0.079 - 0.19 in. (2 - 4.9 mm.)	Rock salt-sized to pea-sized
	medium	#40 - #10	0.017 - 0.079 in. (0.43 - 2 mm.)	Sugar-sized to rock salt-sized
	fine	#200 - #40	0.0029 - 0.017 in. (0.07 - 0.43 mm.)	Flour-sized to sugar-sized
Fines		Passing #200	<0.0029 in. (<0.07 mm.)	Flour-sized and smaller



SECONDARY CONSTITUENT

	AMOUNT	
Term of Use	Secondary Constituent is Fine Grained	Secondary Constituent is Coarse Grained
Trace	<5%	<15%
With	≥5 to <15%	≥15 to <30%
Modifier	≥15%	≥30%

MOISTURE CONTENT

DESCRIPTION	FIELD TEST
Dry	Absence of moisture, dusty, dry to the touch
Moist	Damp but no visible water
Wet	Visible free water, usually soil is below water table

CEMENTATION

DESCRIPTION	FIELD TEST
Weakly	Crumbles or breaks with handling or slight finger pressure
Moderately	Crumbles or breaks with considerable finger pressure
Strongly	Will not crumble or break with finger pressure

CONSISTENCY - FINE-GRAINED SOIL

CONSISTENCY	SPT - N_{60} (# blows / ft)	Pocket Pen (tsf)	UNCONFINED COMPRESSIVE STRENGTH (Q_u)(psf)	VISUAL / MANUAL CRITERIA
Very Soft	<2	PP < 0.25	<500	Thumb will penetrate more than 1 inch (25 mm). Extrudes between fingers when squeezed.
Soft	2 - 4	0.25 ≤ PP <0.5	500 - 1000	Thumb will penetrate soil about 1 inch (25 mm). Remolded by light finger pressure.
Medium Stiff	4 - 8	0.5 ≤ PP <1	1000 - 2000	Thumb will penetrate soil about 1/4 inch (6 mm). Remolded by strong finger pressure.
Stiff	8 - 15	1 ≤ PP <2	2000 - 4000	Can be imprinted with considerable pressure from thumb.
Very Stiff	15 - 30	2 ≤ PP <4	4000 - 8000	Thumb will not indent soil but readily indented with thumbnail.
Hard	>30	4 ≤ PP	>8000	Thumbnail will not indent soil.

FROM TERZAGHI AND PECK, 1948; LAMBE AND WHITMAN, 1969; FHWA, 2002; AND ASTM D2488

REACTION WITH HYDROCHLORIC ACID

DESCRIPTION	FIELD TEST
None	No visible reaction
Weak	Some reaction, with bubbles forming slowly
Strong	Violent reaction, with bubbles forming immediately

APPARENT / RELATIVE DENSITY - COARSE-GRAINED SOIL

APPARENT DENSITY	SPT-N_{60} (# blows/ft)	MODIFIED CA SAMPLER (# blows/ft)	CALIFORNIA SAMPLER (# blows/ft)	RELATIVE DENSITY (%)
Very Loose	<4	<4	<5	0 - 15
Loose	4 - 10	5 - 12	5 - 15	15 - 35
Medium Dense	10 - 30	12 - 35	15 - 40	35 - 65
Dense	30 - 50	35 - 60	40 - 70	65 - 85
Very Dense	>50	>60	>70	85 - 100

FROM TERZAGHI AND PECK, 1948

PLASTICITY

DESCRIPTION	LL	FIELD TEST
Non-plastic	NP	A 1/8-in. (3 mm.) thread cannot be rolled at any water content.
Low (L)	< 30	The thread can barely be rolled and the lump or thread cannot be formed when drier than the plastic limit.
Medium (M)	30 - 50	The thread is easy to roll and not much time is required to reach the plastic limit. The thread cannot be rerolled after reaching the plastic limit. The lump or thread crumbles when drier than the plastic limit.
High (H)	> 50	It takes considerable time rolling and kneading to reach the plastic limit. The thread can be rerolled several times after reaching the plastic limit. The lump or thread can be formed without crumbling when drier than the plastic limit.

STRUCTURE

DESCRIPTION	CRITERIA
Stratified	Alternating layers of varying material or color with layers at least 1/4-in. thick, note thickness.
Laminated	Alternating layers of varying material or color with the layer less than 1/4-in. thick, note thickness.
Fissured	Breaks along definite planes of fracture with little resistance to fracturing.
Slickensided	Fracture planes appear polished or glossy, sometimes striated.
Blocky	Cohesive soil that can be broken down into small angular lumps which resist further breakdown.
Lensed	Inclusion of small pockets of different soils, such as small lenses of sand scattered through a mass of clay; note thickness.

ANGULARITY

DESCRIPTION	CRITERIA
Angular	Particles have sharp edges and relatively plane sides with unpolished surfaces.
Subangular	Particles are similar to angular description but have rounded edges.
Subrounded	Particles have nearly plane sides but have well-rounded corners and edges.
Rounded	Particles have smoothly curved sides and no edges.

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SOIL DESCRIPTION KEY

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE

A-2

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INFILLING TYPE

NAME	ABBR	NAME	ABBR
Albite	Al	Muscovite	Mus
Apatite	Ap	None	No
Biotite	Bi	Pyrite	Py
Clay	Cl	Quartz	Qz
Calcite	Ca	Sand	Sd
Chlorite	Ch	Sericite	Ser
Epidote	Ep	Silt	Si
Iron Oxide	Fe	Talc	Ta
Manganese	Mn	Unknown	Uk

DENSITY/SPACING OF DISCONTINUITIES

DESCRIPTION	SPACING CRITERIA
Unfractured	>6 ft. (>1.83 meters)
Slightly Fractured	2 - 6 ft. (0.061 - 1.83 meters)
Moderately Fractured	8 in - 2 ft. (203.20 - 609.60 mm)
Highly Fractured	2 - 8 in (50.80 - 203.30 mm)
Intensely Fractured	<2 in (<50.80 mm)

ADDITIONAL TEXTURAL ADJECTIVES

DESCRIPTION	RECOGNITION
Pit (Pitted)	Pinhole to 0.03 ft. (3/8 in.) (>1 to 10 mm.) openings
Vug (Vuggy)	Small openings (usually lined with crystals) ranging in diameter from 0.03 ft. (3/8 in.) to 0.33 ft. (4 in.) (10 to 100 mm.)
Cavity	An opening larger than 0.33 ft. (4 in.) (100 mm.), size descriptions are required, and adjectives such as small, large, etc., may be used
Honeycombed	If numerous enough that only thin walls separate individual pits or vugs, this term further describes the preceding nomenclature to indicate cell-like form.
Vesicle (Vesicular)	Small openings in volcanic rocks of variable shape and size formed by entrapped gas bubbles during solidification.

ADDITIONAL TEXTURAL ADJECTIVES

DESCRIPTION	CRITERIA
Unweathered	No evidence of chemical / mechanical alternation; rings with hammer blow.
Slightly Weathered	Slight discoloration on surface; slight alteration along discontinuities; <10% rock volume altered.
Moderately Weathered	Discoloring evident; surface pitted and alteration penetration well below surface; Weathering "halos" evident; 10-50% rock altered.
Highly Weathered	Entire mass discolored; Alteration pervading most rock, some slight weathering pockets; some minerals may be leached out.
Decomposed	Rock reduced to soil with relic rock texture/structure; Generally molded and crumbled by hand.

RELATIVE HARDNESS / STRENGTH DESCRIPTIONS

GRADE		UCS (Mpa)	FIELD TEST
R0	Extremely Weak	0.25 - 1.0	Indented by thumbnail
R1	Very Weak	1.0 - 5.0	Crumbles under firm blows of geological hammer, can be peeled by a pocket knife.
R2	Weak	5.0 - 25	Can be peeled by a pocket knife with difficulty, shallow indentations made by firm blow with point of geological hammer.
R3	Medium Strong	25 - 50	Cannot be scraped or peeled with a pocket knife, specimen can be fractured with a single firm blow of a geological hammer.
R4	Strong	50 - 100	Specimen requires more than one blow of geological hammer to fracture it.
R5	Very Strong	100 - 250	Specimen requires many blows of geological hammer to fracture it.
R6	Extremely Strong	> 250	Specimen can only be chipped with a geological hammer.

ROCK QUALITY DESIGNATION (RQD)

DESCRIPTION	RQD (%)
Very Poor	0 - 25
Poor	25 - 50
Fair	50 - 75
Good	75 - 90
Excellent	90 - 100

APERTURE

DESCRIPTION	CRITERIA [in (mm)]
Tight	<0.04 (<1)
Open	0.04 - 0.20 (1 - 5)
Wide	>0.20 (>5)

BEDDING CHARACTERISTICS

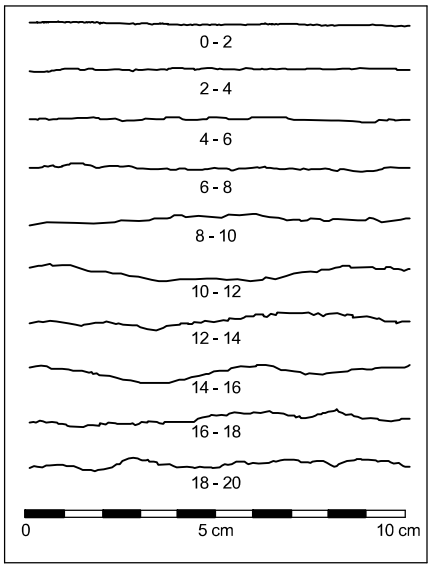
DESCRIPTION	Thickness [in (mm)]
Very Thick Bedded	>36 (>915)
Thick Bedded	12 - 36 (305 - 915)
Moderately Bedded	4 - 12 (102 - 305)
Thin Bedded	1 - 4 (25 - 102)
Very Thin Bedded	0.4 - 1 (10 - 25)
Laminated	0.1 - 0.4 (2.5 - 10)
Thinly Laminated	<0.1 (<2.5)

Bedding Planes — Planes dividing the individual layers, beds, or stratigraphy of rocks.

Joint — Fracture in rock, generally more or less vertical or traverse to bedding.

Seam — Applies to bedding plane with unspecified degree of weather.

JOINT ROUGHNESS COEFFICIENT (JRC)



From Barton and Choubey, 1977

RQD — Rock-quality designation (RQD) Rough measure of the degree of jointing or fracture in a rock mass, measured as a percentage of the drill core in lengths of 10 cm. or more.

CORE SAMPLER TYPE GRAPHICS



CORE SAMPLER

AQ CORE BARREL (1.067 in. (27.1 mm.) core diameter)

AX CORE BARREL (1.185 in. (30.1 mm.) core diameter)

BQ CORE BARREL (1.433 in. (36.4 mm.) core diameter)

CONTINUOUS CORE SAMPLE (2.000 in. (50.8 mm.) core diameter)



EX CORE BARREL (0.846 in. (21.5 mm.) core diameter)

HQ CORE SAMPLE (2.500 in. (63.5 mm.) core diameter)

NQ CORE SAMPLE (1.874 in. (47.6 mm.) core diameter)

NO RECOVERY CORE SAMPLE

NX CORE SAMPLE (2.154 in. (54.7 mm.) core diameter)

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PROJECT NO.:	20203551
DRAWN BY:	JDS
CHECKED BY:	DD
DATE:	3/19/2020
REVISED:	-

ROCK DESCRIPTION KEY

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE

A-3

PLOTTED: 03/18/2020 04:20 PM BY: JSala
OFFICE FILTER: SAN JOSE
PROJECT NUMBER: 20203551.001A
gINT FILE: Klf_gint_master_2020
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2019.GLB [LEGEND 3 (ROCK DESC KEY)]

Date Begin - End:	2/26/2020	**Drilling Co.-Lic.#:**	EGI - #484288	**BORING LOG KB-1**	
Logged By:	L. Lorincz	**Drill Crew:**	Loren, Lyle, Kyle		
Hor.-Vert. Datum:	Not Available	**Drilling Equipment:**	B-53 Mobile	**Hammer Type - Drop:**	140 lb. Auto - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Mud Rotary		
Weather:	Sunny	**Exploration Diameter:**	8 in. O.D.		

FIELD EXPLORATION

Latitude: 38.08664°
Longitude: -122.55161°
Approximate Ground Surface Elevation (ft.): 14.00
Surface Condition: Asphalt

Approximate Elevation (feet)	Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
			approximately 6-inches of asphalt												hand auger to 5 feet
			approximately 6-inches of aggregate base												
			Gravelly Lean CLAY with Sand (CL): fine-grained sand, medium plasticity, olive brown with bluish gray and olive yellow mottling, moist, medium stiff, fine subangular gravel increasing gravel content (FILL)	1					11.8						
10															
5			**SILTSTONE**: dark bluish gray to olive gray with olive yellow, calcareous streaks, very weak (R1), highly weathered	2		BC=28 50/3"	9"								switched to mud rotary hard drilling
				3		BC=50/1"	1"								bagged sample, hard sample
5															
	10			4		BC=50/1"	1"								
0															
	15			5		BC=50/1"	1"								
-5															
	20			6		BC=50/1"	1"								
-10															

The boring was terminated at approximately 20 ft. below ground surface. The boring was backfilled with cement grout tremie method on February 26, 2020. Rock was encountered at a depth of 5 ft. during this exploration.

GROUNDWATER LEVEL INFORMATION:
Groundwater not encountered due to mud rotary drilling
GENERAL NOTES:
The exploration location and elevation are approximate and were estimated by Kleinfelder.

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PROJECT NO.:	20203551
DRAWN BY:	JDS
CHECKED BY:	DD
DATE:	3/19/2020
REVISED:	-

BORING LOG KB-1

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE
A-4
PAGE: 1 of 1

PLOTTED: 04/08/2020 07:47 AM BY: JSala
PROJECT NUMBER: 20203551.001A OFFICE FILTER: SAN JOSE
gINT FILE: Klf_gint_master_2020 gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2019.GLB [__KLF_BORING/TEST PIT SOIL LOG]

BORING LOG KB-2

Date Begin - End:	2/26/2020	**Drilling Co.-Lic.#:**	EGI - #484288		
Logged By:	L. Lorincz	**Drill Crew:**	Loren, Lyle, Kyle		
Hor.-Vert. Datum:	Not Available	**Drilling Equipment:**	B-53 Mobile	**Hammer Type - Drop:**	140 lb. Auto - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Mud Rotary		
Weather:	Sunny	**Exploration Diameter:**	8 in. O.D.		

FIELD EXPLORATION

Latitude: 38.08654°
Longitude: -122.55107°
Approximate Ground Surface Elevation (ft.): 13.00
Surface Condition: Asphalt

Approximate Elevation (feet)	Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
			approximately 6-inches of asphalt												hand augered to 5 feet
			approximately 6-inches of aggregate base												
			Sandy Lean CLAY (CL): fine-grained sand, medium plasticity, olive brown with bluish gray to olive brown, moist, medium stiff, fine to coarse subangular gravel (FILL)	1					14.7						R-value = 6
10															
			Lean CLAY with Sand (CL): fine-grained sand, medium plasticity, olive gray to bluish gray, moist, medium stiff, trace fine-subangular gravel (ALLUVIUM)												
5				2		BC=8 4 3	5"								switched to mud rotary at 5 feet
			fine to coarse-grained sand												
			Sandy Lean CLAY (CL): fine-grained sand, medium plasticity, greenish gray, wet, medium stiff	3		BC=3 4 4	6"		22.3						
5															
	10			4		BC=6 9 8	9"		9.0				24	9	
				5		BC=3 4 9	8"		17.7						
0															
	15		**Clayey SAND with Gravel (SC)**: fine to coarse-grained sand, olive yellow to yellowish brown with orange mottling, wet, medium dense, fine to coarse subangular gravel	6		BC=10 12 9	12"	SM			61	12			
			Fat CLAY (CH): high plasticity, dark bluish gray to olive gray, wet, very soft, (YOUNG BAY MUD)	7		BC=0 0 0	14"		76.9				96	62	Bay Mud encountered at 17.5 feet
-5															
	20			8		BC=0 0 0	18"		116.4						
			rootlets												
-10				9		BC=0 0 0	14"								

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PROJECT NO.:	20203551
DRAWN BY:	JDS
CHECKED BY:	DD
DATE:	3/19/2020
REVISED:	-

BORING LOG KB-2

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE
A-5

gINT FILE: Klf_gint_master_2020
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2019.GLB [__KLF_BORING/TEST PIT SOIL LOG]
PROJECT NUMBER: 20203551.001A
OFFICE FILTER: SAN JOSE
PLOTTED: 04/08/2020 07:47 AM BY: JSala

Date Begin - End:	2/26/2020	**Drilling Co.-Lic.#:**	EGI - #484288	**BORING LOG KB-2**	
Logged By:	L. Lorincz	**Drill Crew:**	Loren, Lyle, Kyle		
Hor.-Vert. Datum:	Not Available	**Drilling Equipment:**	B-53 Mobile	**Hammer Type - Drop:**	140 lb. Auto - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Mud Rotary		
Weather:	Sunny	**Exploration Diameter:**	8 in. O.D.		

FIELD EXPLORATION

Latitude: 38.08654°
Longitude: -122.55107°
Approximate Ground Surface Elevation (ft.): 13.00
Surface Condition: Asphalt

Approximate Elevation (feet)	Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
			Sandy Elastic SILT (MH): fine-grained sand, medium plasticity, olive gray to dark bluish gray, wet, medium stiff	10		BC=0 0 6	18"								Bay Mud ended at 25 feet driller notes slower/harder drilling, possible bedrock
-15															
	30		**SILTSTONE**: yellowish brown to olive yellow with rust mottling, calcareous streaks, extremely weak (R0), decomposed	11		BC=36 35 40	16"								Rock encountered at 30 feet deep
-20															
	35			12		BC=14 16 26	14"								
-25															
	40		highly weathered (R1)	13		BC=50/1"	1"								
-30															
	45														
-35															

The boring was terminated at approximately 40 ft. below ground surface. The boring was backfilled with cement grout tremie method on February 26, 2020. Rock was encountered at a depth of 30 ft. during this exploration.

GROUNDWATER LEVEL INFORMATION:
Groundwater not encountered due to mud rotary drilling
GENERAL NOTES:
The exploration location and elevation are approximate and were estimated by Kleinfelder.

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PROJECT NO.:	20203551
DRAWN BY:	JDS
CHECKED BY:	DD
DATE:	3/19/2020
REVISED:	-

BORING LOG KB-2

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE
A-5

PLOTTED: 04/08/2020 07:47 AM BY: JSala
PROJECT NUMBER: 20203551.001A OFFICE FILTER: SAN JOSE
gINT FILE: Klf_gint_master_2020 gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2019.GLB [__KLF_BORING/TEST PIT SOIL LOG]

Date Begin - End:	3/13/2020	**Drilling Co.-Lic.#:**	EGI - #484288	**BORING LOG KB-3**	
Logged By:	L. Lorincz	**Drill Crew:**	Loren, Lyle		
Hor.-Vert. Datum:	Not Available	**Drilling Equipment:**	B-53 Mobile	**Hammer Type - Drop:**	140 lb. Auto - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Hollow Stem Auger		
Weather:	Cool	**Exploration Diameter:**	8 in. O.D.		

Latitude: 38.08657°
Longitude: -122.55143°
Approximate Ground Surface Elevation (ft.): 13.00
Surface Condition: Asphalt

Approximate Elevation (feet)	Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
			approximately 6-inches of asphalt												hand auger to 4 feet
			approximately 6-inches of aggregate base												
			Lean CLAY with Sand (CL): fine to medium-grained sand, medium plasticity, olive gray, moist, medium stiff, (FILL)	1					15.1				44	25	
10			**Sandy Lean CLAY with Gravel (CL)**: fine to coarse-grained sand, low plasticity, olive to olive brown, moist, medium stiff, trace fine subangular gravel (ALLUVIUM)												encountered rock
	5		orange mottling, moist, increasing gravel size (weathered siltstone)	2		BC=7 10 16 PP=>4.5	9"		15.5 14.5	124.6					switch to hollow stem auger
5			**SILTSTONE**: gray to olive gray, wet, highly weathered, very weak (R1)	3		BC=50/2"	4"								rig chatter Bedrock encountered at 7.5 feet
	10			4		BC=50/2"	NR"								
				5		BC=50/1"	NR"								refusal, auger is not advancing
0															
	15														
-5															
	20														
-10															

The boring was terminated at approximately 12 ft. below ground surface. The boring was backfilled with cement grout tremie method. Asphalt patch at surface on March 13, 2020. Rock was encountered at a depth of 7.5 ft. during this exploration.

GROUNDWATER LEVEL INFORMATION:
▽ Groundwater was observed at approximately 7 ft. below ground surface during drilling.
▼ Perched groundwater observed at approximately 5 ft.
GENERAL NOTES:
The exploration location and elevation are approximate and were estimated by Kleinfelder.

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PROJECT NO.:	20203551
DRAWN BY:	JDS
CHECKED BY:	DD
DATE:	3/19/2020
REVISED:	-

BORING LOG KB-3

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE
A-6
PAGE: 1 of 1

PLOTTED: 04/08/2020 07:48 AM BY: JSala
PROJECT NUMBER: 20203551.001A OFFICE FILTER: SAN JOSE
gINT FILE: Klf_gint_master_2020 gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2019.GLB [__KLF_BORING/TEST PIT SOIL LOG]

Date Begin - End:	3/13/2020	**Drilling Co.-Lic.#:**	EGI - #484288	**BORING LOG MW-1**	
Logged By:	L. Lorincz	**Drill Crew:**	Loren, Lyle		
Hor.-Vert. Datum:	Not Available	**Drilling Equipment:**	B-53 Mobile	**Hammer Type - Drop:**	140 lb. Auto - 30 in.
Plunge:	-90 degrees	**Drilling Method:**	Hollow Stem Auger		
Weather:	Cool	**Exploration Diameter:**	8 in. O.D.		

FIELD EXPLORATION

Latitude: 38.08641°
Longitude: -122.55156°
Approximate Ground Surface Elevation (ft.): 13.00
Surface Condition: Asphalt

Approximate Elevation (feet)	Depth (feet)	Graphical Log	Lithologic Description	Sample Number	Sample Type	Blow Counts(BC)= Uncorr. Blows/6 in. Pocket Pen(PP)= tsf	Recovery (NR=No Recovery)	USCS Symbol	Water Content (%)	Dry Unit Wt. (pcf)	Passing #4 (%)	Passing #200 (%)	Liquid Limit	Plasticity Index (NP=NonPlastic)	Additional Tests/ Remarks
10	0		approximately 6-inches of asphalt approximately 6-inches of aggregate base **Sandy Lean CLAY with Gravel (CL)**: fine to medium-grained sand, medium plasticity, olive yellowish to yellowish brown, moist, medium stiff, fine subangular gravel (FILL)												hand auger to 5 feet
	5		**Sandy Lean CLAY (CL)**: olive gray, wet, medium stiff, increasing sand content (ALLUVIUM) **SILTSTONE**: olive gray to olive												very difficult drilling, auger refusal

The boring was terminated at approximately 7 ft. below ground surface. The boring was backfilled with cement grout tremie method. Asphalt patch at surface. No well installed due to rig refusal on March 13, 2020. Rock was encountered at a depth of 5 ft. during this exploration.

GROUNDWATER LEVEL INFORMATION:
▽ Groundwater was observed at approximately 4 ft. below ground surface during drilling.
▼ Perched groundwater observed at approximately 3 ft.

GENERAL NOTES:
The exploration location and elevation are approximate and were estimated by Kleinfelder.

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PROJECT NO.:	20203551
DRAWN BY:	JDS
CHECKED BY:	DD
DATE:	3/19/2020
REVISED:	-

BORING LOG MW-1

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE
A-7
PAGE: 1 of 1

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PROJECT NUMBER: 20203551.001A OFFICE FILTER: SAN JOSE
gINT FILE: Klf_gint_master_2020 gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2019.GLB [__KLF_BORING/TEST PIT SOIL LOG]

APPENDIX A
PREVIOUS FIELD EXPLORATION (KLEINFELDER, 2004)

MAJOR DIVISIONS					TYPICAL NAMES
COARSE GRAINED SOILS More than Half > #200 sieve	GRAVELS MORE THAN HALF COARSE FRACTION IS LARGER THAN NO. 4 SIEVE	CLEAN GRAVELS WITH LITTLE OR NO FINES	GW		WELL GRADED GRAVELS, GRAVEL-SAND
			GP		POORLY GRADED GRAVELS, GRAVEL-SAND MIXTURES
		GRAVELS WITH OVER 12% FINES	GM		SILTY GRAVELS, POORLY GRADED GRAVEL-SAND-SILT MIXTURES
			GC		CLAYEY GRAVELS, POORLY GRADED GRAVEL-SAND-CLAY MIXTURES
	SANDS MORE THAN HALF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	CLEAN SANDS WITH LITTLE OR NO FINES	SW		WELL GRADED SANDS, GRAVELLY SANDS
			SP		POORLY GRADED SANDS, GRAVELLY SANDS
		SANDS WITH OVER 12% FINES	SM		SILTY SANDS, POORLY GRADED SAND-SILT MIXTURES
			SC		CLAYEY SANDS, POORLY GRADED SAND-CLAY MIXTURES
FINE GRAINED SOILS More than Half < #200 sieve	SILTS AND CLAYS LIQUID LIMIT LESS THAN 50		ML		INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS, OR CLAYEY SILTS WITH SLIGHT PLASTICITY
			CL		INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SANDY CLAYS, SILTY CLAYS, LEAN CLAYS
			OL		ORGANIC CLAYS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY
	SILTS AND CLAYS LIQUID LIMIT GREATER THAN 50		MH		INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR SILTY SOILS, ELASTIC SILTS
			CH		INORGANIC CLAYS OF HIGH PLASTICITY, FAT CLAYS
			OH		ORGANIC CLAYS OF MEDIUM TO HIGH PLASTICITY, ORGANIC SILTS
HIGHLY ORGANIC SOILS			Pt		PEAT AND OTHER HIGHLY ORGANIC SOILS

UNIFIED SOIL CLASSIFICATION SYSTEM

			Shear Strength, psf / Confining Pressure, psf	
Consol	Consolidation	Tx	2630 (240)	Unconsolidated Undrained Triaxial
LL	Liquid Limit (in %)	Tx sat	2100 (575)	Unconsolidated Undrained Triaxial, saturated prior to test
PL	Plastic Limit (in %)	DS	3740 (960)	Unconsolidated Undrained Direct Shear
PI	Plasticity Index	TV	1320	Torvane Shear
Gs	Specific Gravity	UC	4200	Unconfined Compression
SA	Sieve Analysis	LVS	500	Laboratory Vane Shear
■	Undisturbed Sample (2.5-inch ID)	FS	Free Swell	
□	2-inch-ID Sample	EI	Expansion Index	
◥	Standard Penetration Test	Perm	Permeability	
☒	Bulk Sample	SE	Sand Equivalent	

KEY TO TEST DATA

KLEINFELDER

PROJECT NUMBER 45011 DATE Aug 2004

SOIL CLASSIFICATION CHART AND KEY TO TEST DATA

COSTCO WHOLESALE EXPANSION WAREHOUSE NUMBER 141
Novato, California

A-1

ROCK SYMBOLS

 SHALE OR CLAYSTONE

 CHERT

 SERPENTINITE

 SILTSTONE

 PYROCLASTIC

 METAMORPHIC ROCKS

 SANDSTONE

 VOLCANIC

 DIATOMITE

 CONGLOMERATE

 PLUTONIC

 SHEARED ROCKS

LAYERING

MASSIVE	Greater than 6 feet
THICKLY BEDDED	2 to 6 feet
MEDIUM BEDDED	8 to 24 inches
THINLY BEDDED	2-1/2 to 8 inches
VERY THINLY BEDDED	3/4 to 2-1/2 inches
CLOSELY LAMINATED	1/4 to 3/4 inches
VERY CLOSELY LAMINATED	Less than 1/4 inch

JOINT, FRACTURE, OR SHEAR SPACING

VERY WIDELY SPACED	Greater than 6 feet
WIDELY SPACED	2 to 6 feet
MODERATELY SPACED	8 to 24 inches
CLOSELY SPACED	2-1/2 to 8 inches
VERY CLOSELY SPACED	3/4 to 2-1/2 inches
EXTREMELY CLOSELY SPACED	Less than 3/4 inch

HARDNESS

SOFT - Pliable; can be dug by hand

FIRM - Can be gouged deeply or carved with a pocket knife

MODERATELY HARD - Can be readily scratched by a knife blade; scratch leaves heavy trace of dust and is readily visible after the powder has been blown away

HARD - Can be scratched with difficulty; scratch produces little powder and is often faintly visible

VERY HARD - Cannot be scratched with pocket knife; leaves a metallic streak

STRENGTH

PLASTIC - Capable of being molded by hand

FRIABLE - Crumbles by rubbing with fingers

WEAK - An unfractured specimen of such material will crumble under light hammer blows

MODERATELY STRONG - Specimen will withstand a few heavy hammer blows before breaking

STRONG - Specimen will withstand a few heavy ringing hammer blows and usually yields large fragments

VERY STRONG - Rock will resist heavy ringing hammer blows and will yield with difficulty only dust and small flying fragments

DEGREE OF WEATHERING

HIGHLY WEATHERED - Abundant fractures coated with oxides, carbonates, sulphates, mud, etc., thorough discoloration, rock disintegration, mineral decomposition

MODERATELY WEATHERED - Some fracture coating, moderate or localized discoloration, little to no effect on cementation, slight mineral decomposition

SLIGHTLY WEATHERED - A few stained fractures, slight discoloration, little or no effect on cementation, no mineral decomposition

FRESH - Unaffected by weathering agents, no appreciable change with depth

KLEINFELDER

PROJECT NUMBER 45011 DATE Aug 2004

ENGINEERING GEOLOGY ROCK TERMS

COSTCO WHOLESALE EXPANSION
WAREHOUSE NUMBER 141
Novato, California

A-2

EQUIPMENT: **Mobile B-53** ELEVATION: ******

LOGGED BY: **Brad Conder** START DATE: **6-2-04**

STATION: FINISH DATE: **6-2-04**

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Blows/ Foot *	DEPTH (FEET)	
				0	**ASPHALT CONCRETE**
				1	**AGGREGATE BASE**
			26	2	**GRAY BROWN GRAVELLY SANDY CLAY (CL),** moist, hard, gravels up to 1/2" diameter (Fill).
				3	
				4	
				5	
				6	
			15	7	Becomes stiff at 6 feet.
	121	12.3		8	
				9	
			13	10	▽ Gravels up to 2.5".
				11	
				12	**GRAY AND BLACK SILT (MH),** saturated, stiff, contains organics (Bay Mud).
				13	
				14	
			11	15	
	53	75.4		16	
				17	
				18	
				19	
			4	20	Becomes medium stiff.
				21	
				22	
				23	
				24	
				25	
				26	
				27	
			PUSH	28	
				29	
				30	
				31	
				32	**BLUE GRAY CLAYEY SAND WITH OCCASIONAL GRAVELS (SC),** saturated, medium dense, gravels up to 1/4".
				33	
				34	
				35	
			25	36	
TxUU = 1234 psf	110	20.0		37	Harder drilling at 37 feet.
				38	
				39	
				40	
			32	41	**BROWN CLAYEY SAND WITH GRAVEL (SC),** saturated, dense, gravels up to 1/2".
				42	
				43	**GRAY BROWN SAND (SP),** saturated, dense.
				44	
				45	
			59	46	**OLIVE BROWN AND GRAY SANDY CLAY WITH GRAVEL (CL),** saturated, hard.
				47	
				48	**LIGHT OLIVE GRAY AND YELLOW BROWN MOTTLED SANDSTONE,** highly weathered, soft.
				49	
				50	
			90/8"	51	Drilling refusal at 51 feet.
			50/2"		

* Converted to equivalent standard penetration blow counts.

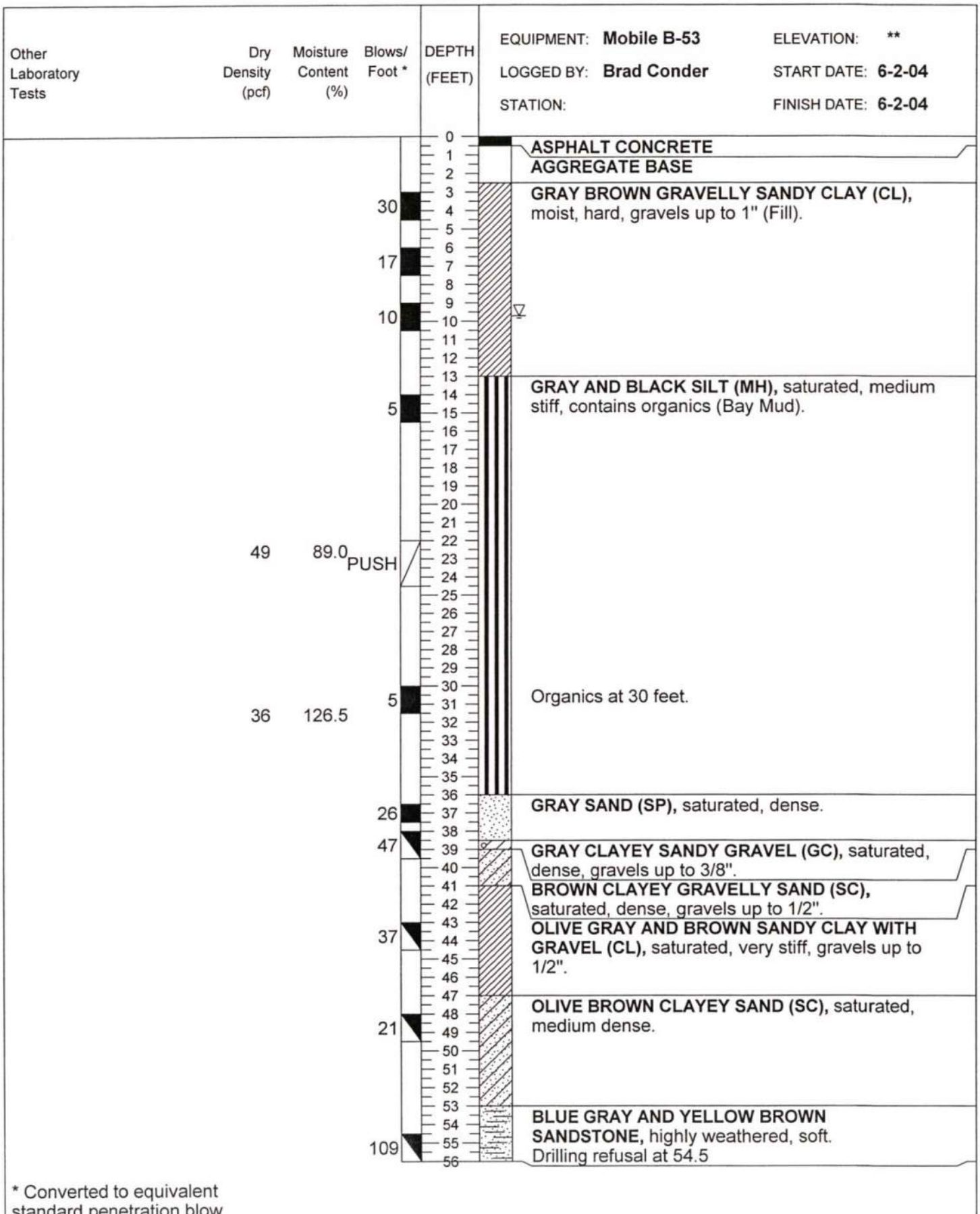
KLEINFELDER

PROJECT NUMBER **45011** DATE **Aug 2004**

LOG OF BORING K-1

COSTCO WHOLESALE EXPANSION
WAREHOUSE NUMBER 141
Novato, California

A-3



* Converted to equivalent standard penetration blow counts.

KLEINFELDER

PROJECT NUMBER 45011 DATE Aug 2004

LOG OF BORING K-2

COSTCO WHOLESALE EXPANSION
WAREHOUSE NUMBER 141
Novato, California

A-4

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Blows/ Foot *	DEPTH (FEET)
				0
			12	1
		15.5		2
				3
				4
				5
				6
			3	7
				8
				9
				10
			6	11
				12
				13
				14
				15
			10	16
				17
			11	18
				19
				20
				21
				22
				23
				24
				25
			5	26
				27
				28
				29
				30
			PUSH	31
				32
			56	33

EQUIPMENT: **Mobile B-53** ELEVATION: ******

LOGGED BY: **Brad Conder** START DATE: **6-3-04**

STATION: FINISH DATE: **6-3-04**

GRAY BROWN SANDY GRAVELLY CLAY (CL), moist, stiff, gravels up to 1/2" (Fill).

Becomes saturated and soft.

GRAY SILT (MH), saturated, medium stiff (Bay Mud).

GRAY CLAYEY SAND (SC), saturated, loose, contains organics and shell fragments.

Becomes very dense at 32 feet.

Ground water depth not measured.

* Converted to equivalent standard penetration blow counts.

KLEINFELDER

PROJECT NUMBER **45011** DATE **Aug 2004**

LOG OF BORING K-3

COSTCO WHOLESALE EXPANSION WAREHOUSE NUMBER 141
Novato, California

A-5

EQUIPMENT: **Mobile B-53** ELEVATION: ******

LOGGED BY: **Brad Conder** START DATE: **6-3-04**

STATION: FINISH DATE: **6-3-04**

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Blows/ Foot *	DEPTH (FEET)	
				0	**ASPHALT CONCRETE**
				1	**AGGREGATE BASE**
PI = 20 LL = 44	113	11.3	27	2–3–4–5–6–7	**OLIVE AND GRAY BROWN SANDY GRAVELLY CLAY (CL),** moist, hard, gravels up to 1" (Fill).
			19	8–9–10–11–12–13	Becomes very stiff at 8 feet.
			22	14–15–16–17–18–19	**GRAY AND BLACK SILT (MH),** moist, very stiff (Bay Mud).
	53	78.0	PUSH	20–21–22	Becomes stiff at 20 feet.
			5	23–24	Becomes medium stiff with organics at 23 feet.

Ground water depth not measured.

* Converted to equivalent standard penetration blow counts.

KLEINFELDER

PROJECT NUMBER **45011** DATE **Aug 2004**

LOG OF BORING K-4

COSTCO WHOLESALE EXPANSION
WAREHOUSE NUMBER 141
Novato, California

A-6

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Blows/ Foot *	DEPTH (FEET)	
					EQUIPMENT: **Mobile B-53** ELEVATION: **
					LOGGED BY: **Brad Conder** START DATE: **6-3-04**
					STATION: FINISH DATE: **6-3-04**
				0	**ASPHALT CONCRETE**
				1	**AGGREGATE BASE**
PI = 17 LL = 41		11.7	20	2	**BROWN SANDY GRAVELLY CLAY (CL),** moist, very stiff, gravels up to 2" (Fill).
			24	3–6	
			28	7–14	▽
	67	53.8	PUSH	15–24	**GRAY SILT (MH),** saturated, stiff, contains organics (Bay Mud).
	51	84.0	4	25–33	Becomes medium stiff and contains organics at 25 feet.
TxUU = 2014 psf	111	16.7	46	34	**BLUE GRAY CLAYEY SAND (SC),** saturated, very dense.
			22	35–44	
			26	45–50	**OLIVE BROWN SANDY CLAY WITH GRAVEL (CL),** saturated, hard, gravels up to 1/2".
			50/3"	51	Drilling refusal at 50.5 feet.
					LIGHT GRAY AND YELLOW BROWN SANDSTONE, highly weathered, soft.

* Converted to equivalent standard penetration blow counts.

KLEINFELDER

PROJECT NUMBER **45011** DATE **Aug 2004**

LOG OF BORING K-5

COSTCO WHOLESALE EXPANSION
WAREHOUSE NUMBER 141
Novato, California

A-7

EQUIPMENT: **Mobile B-61** ELEVATION: **

LOGGED BY: **Jared Pratt** START DATE: **9-21-00**

FINISH DATE: **9-21-00**

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Sample Interval (feet)	Blows/ Foot *	DEPTH (FEET)	
					0	9"AC/12"AB
LL=39,PL=18,PI=21						OLIVE BROWN CLAYEY SAND TO SANDY CLAY WITH GRAVEL (SC/CH), dry, medium dense to dense, angular gravels, fragments of plastic and fabric (Fill)
TxUU 1904(720)	126	12.5		17	5	
				21	10	Increasing moisture and stiffer consistency with depth
				21	15	Scattered lenses of mottled dark yellowish brown and dark olive brown silty clay
						GRAY BROWN SILTY SAND (SM), moist, medium dense, rootlets (Bay Mud)
	40	111.9		6	20	GREENISH GRAY SILTY CLAY (OH), very moist, firm, decaying organic matter, peat, organic odor (Bay Mud)
	53	66.4			25	
	50	83.2		75 psi		Localized peat lenses
					30	
	31	149.1		17	35	MOTTLED GRAY WITH BROWN TO DARK BROWN CLAY, (OH), moist to very moist, stiff to very stiff, abundant thin peat lenses, strong organic odor (Bay Mud)
				7	40	GRAYISH GREEN SANDY CLAY (CL), firm, damp, scattered decayed organic stringers, organic odor, fine-to-medium-grained sand, poorly sorted
				32/6"	45	Fine clean sand lenses at 42.5' (Alluvium)
					50	MOTTLED GRAY, YELLOWISH BROWN AND GREENISH GRAY GRAVELLY CLAY (CL), very moist, stiff to hard, subangular gravels up to 1" (Alluvium)
	69	54.6		22	55	DARK GRAY CLAYEY TO SILTY SAND (SC/SM), medium dense, saturated (Alluvium)
						GRAY CLAY (CH), moist, very stiff, plastic, scattered organics and dark yellowish brown stringers (Alluvium)
UC 948	68	54.1		17	60	
				32/5"	65	GRAY HIGHLY MOTTLED WITH DARK BROWN AND DARK YELLOWISH BROWN SANDY CLAY (CL), moist, very stiff, plastic (Alluvium)
				50/0"		MOTTLED GRAY, DARK BLUE GRAY, AND BLACK SANDY CLAY TO CLAYEY SAND (CL/SC), wet, very stiff, scattered weathered rock fragments (Residual Soil)
						DARK BLUISH GRAY GREYWACKE SANDSTONE, highly weathered, fractured, massive, strong but friable, fine to medium-grained (Bedrock)
						Boring Terminated at 68 feet
						Groundwater encountered at 39.3 feet

* Converted to equivalent standard penetration blow counts.

** Existing ground surface at time of drilling.

KLEINFELDER

Geotechnical, Materials and Environmental Engineering

PROJECT NUMBER **41-00569X-001** DATE **NOV 2000**

LOG OF BORING KB- 1

COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

EQUIPMENT: **Mobile B-61** ELEVATION: ******

LOGGED BY: **Jared Pratt** START DATE: **9-22-00**

FINISH DATE: **9-22-00**

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Sample Interval (feet)	Blows/ Foot *	DEPTH (FEET)	
					0	9"AC/12"AB
						OLIVE BROWN GRAVELLY CLAY (GC), dry to slightly moist, firm to stiff (Fill)
				Poor Recovery	5	
				22	10	GRAVELLY SILTY CLAY TO SILTY CLAYEY GRAVEL (CL/GC), slightly moist, very stiff, abundant subangular to rounded gravel up to 1" (Fill)
				Poor Recovery	15	
						DARK GRAY TO DARK BLUISH GRAY SILTY CLAY (OH), moist, soft to firm, abundant organics (Bay Mud)
Consol				150 psi	20	
						MOTTLED DARK GRAY AND DARK BROWN SILTY CLAY TO CLAY (OH), moist, firm, abundant thin peat layers, strong organic odor, plastic (Bay Mud)
	41	102.1		7	25	
	28	159.6		12	30	
				6	35	
						DARK GRAY SANDY CLAY TO CLAYEY SAND (CL/SC), wet, stiff, scattered subrounded to subangular gravels slightly porous, fine-to medium-grained sand, poorly sorted (Alluvium)
	116	15.3		12	40	
					45	
					50	
						BROWNISH GRAY GRAVELLY SANDY CLAY (CL), moist, very stiff, subangular to subrounded gravels to 1/4", slightly plastic (Alluvium)
UC 1163	105	21.9		21	55	
						DARK YELLOWISH BROWN AND GRAY MOTTLED SILTY CLAY TO CLAYEY SILT (CL/ML), moist to wet, hard (Alluvium)
				44	60	
	102	23.3		23	65	
				32/6"	70	
						DARK GRAY GREYWACKE SANDSTONE, weathered, fractured, massive, strong but friable, fine-to medium-grained (Bedrock)
				50/0"	75	

Boring terminated at 75 feet
Groundwater encountered at 16.5 feet

* Converted to equivalent standard penetration blow counts.

** Existing ground surface at time of drilling.

KLEINFELDER
Geotechnical, Materials and Environmental Engineering

PROJECT NUMBER **41-00569X-001** DATE **NOV 2000**

LOG OF BORING KB- 2

COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

EQUIPMENT: **Mobile B-61** ELEVATION: ******

LOGGED BY: **Jared Pratt** START DATE: **9-27-00**

FINISH DATE: **9-27-00**

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Sample Interval (feet)	Blows/ Foot *	DEPTH (FEET)	
					0	9"AC/12"AB
				24	5	OLIVE BROWN SANDY CLAY WITH GRAVEL (CL), dry to slightly moist, stiff to very stiff, angular gravels of various composition (Fill)
UC 2244	125	12.6				
				15	10	Increasing moisture
	118	14.3				
				12	15	GREENISH GRAY SILTY CLAY (OH), moist, soft to firm, decaying organics, peat, silty clay and sand lenses, very easy drilling at 15 feet (Bay Mud)
				7	20	Water on top of sample at 18 feet
	50	82.6				
					25	
					30	
			No Recovery			
Consol			75 psi		35	
					40	
	76	40.8		6		GRAYISH GREEN SANDY CLAY (CH), very moist, firm, scattered decaying organic matter, slight organic odor (Bay Mud)
					45	
				32/6"	50	MOTTLED DARK YELLOWISH BROWN AND GRAY GRAVELLY SANDY CLAY (CL), saturated, hard, subrounded coarse sand and gravel (Alluvium)
				43	55	Less mottling with depth
				32/4"	60	MOTTLED DARK YELLOWISH BROWN AND GRAY SANDY CLAY TO CLAYEY SAND (CL/SC), saturated, hard, localized gray clay lenses with minor organics (Alluvium)
	116	16.4				
				53	65	
	107	20.5				
				32/6"	70	DARK YELLOWISH BROWN GRAVELLY CLAY (CL), saturated, hard, angular gravels (Residual Soil)
TxUU 2915(4320)	121	14.6		50/1"		DARK GRAY GREYWACKE SANDSTONE, weathered, fractured, strong, massive (Bedrock)
						Boring terminated at 73.6 feet
						Groundwater encountered at 8 feet

* Converted to equivalent standard penetration blow counts.

** Existing ground surface at time of drilling.

KLEINFELDER

Geotechnical, Materials and Environmental Engineering

PROJECT NUMBER **41-00569X-001** DATE **NOV 2000**

LOG OF BORING KB- 8

COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

EQUIPMENT: **Mobile B-61** ELEVATION: **

LOGGED BY: **Jared Pratt** START DATE: **9-28-00**

FINISH DATE: **9-28-00**

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Sample Interval (feet)	Blows/ Foot *	DEPTH (FEET)	
					0	9"AC/12"AB
LL=44,PL=21,PI=23 UC 3111		12.3		28	5	OLIVE BROWN SANDY CLAY WITH GRAVEL (CL), moist, very stiff, angular gravels (Fill)
				20	10	Increasing moisture
	101	21.3		16	15 ▽	GREENISH GRAY SILTY CLAY (OH), saturated, soft to firm, silty sand lense at upper contact, organic matter and odor, abundant peat (Bay Mud)
	57	66.3		75 psi	20	
				5	25	Strong organic odor
				28	30	Harder drilling at 40 feet
	114	18.7			40	GREENISH GRAY SANDY CLAY (CL), moist to very moist, very stiff, scattered organics (Alluvium)
					45	Stiffer drilling at 47 feet
	119	15.9		47	50	MOTTLED YELLOWISH BROWN, REDDISH BROWN AND TAN GRAVELLY CLAY (CL), moist, hard, angular gravels, large subangular highly weathered sandstone cobbles, scattered rootlets (Alluvium)
				38	55	DARK YELLOWISH BROWN MOTTLED WITH GRAY SANDY CLAY WITH GRAVEL (CL), hard, moist, subangular to subrounded pebble-sized gravels predominantly of sandstone (Alluvium)
				32	60	LIGHT BROWN CLAYEY SAND (SC), very moist, scattered gravels, reddish brown staining on gravels (Alluvium)
TxUU 1181(3600)	117	15.6		32/6"	65	Hard drilling at 66 feet
				50/2"	70	MOTTLED DARK YELLOWISH BROWN AND GRAY SANDY CLAY TO CLAY WITH SCATTERED ANGULAR GRAVELS (CL), moist, hard, medium grained sand (Residual Soil)
						MOTTLED DARK YELLOWISH BROWN AND DARK GRAY GREYWACKE SANDSTONE, highly weathered to weathered, fractured, strong, massive (Bedrock)
						Boring terminated at 70.1 feet
						Groundwater encountered at 15.3 feet

* Converted to equivalent standard penetration blow counts.

** Existing ground surface at time of drilling.

KLEINFELDER

Geotechnical, Materials and Environmental Engineering

PROJECT NUMBER 41-00569X-001 DATE NOV 2000

LOG OF BORING KB- 9

COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

EQUIPMENT: **Mobile B-61** ELEVATION: ******

LOGGED BY: **Jared Pratt** START DATE: **9-29-00**

FINISH DATE: **9-29-00**

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Sample Interval (feet)	Blows/ Foot *	DEPTH (FEET)	
					0	9"AC/12"AB
				40		MOTTLED OLIVE BROWN, DARK YELLOWISH BROWN AND GRAY SANDY CLAY WITH GRAVEL (CL), slightly moist, hard, abundant angular gravels (Fill)
				22	5	
	120	11.5		18	10	
				12	15	DARK GRAY CLAYEY SAND TO SANDY CLAY (SC/CL), wet to saturated, stiff, grades to clay at bottom, organics (Bay Mud)
	67	50.7		6	20	DARK GRAY, BLACK AND BROWN SILTY CLAY TO CLAY (OH), moist, soft, abundant organics, strong organic odor (Bay Mud)
	43	101.0			25	
Consol				150 psi	30	Less peat - more clay with depth
					35	
				38	40	DARK YELLOWISH BROWN MOTTLED WITH OLIVE BROWN AND GRAY GRAVELLY SAND TO GRAVELLY CLAY (GP/CL), saturated, dense, hard, subangular to subrounded gravels (Alluvium)
					45	DARK GRAY CLAYEY SAND (SC), wet, dense, heaving (Alluvium)
					50	Stiffer drilling at 53 feet
UC 942	122	15.5		32/6"	55	MOTTLED DARK YELLOWISH BROWN AND REDDISH BROWN CLAYEY SAND WITH GRAVEL (SC), moist, hard, rounded to subangular gravels predominantly of sandstone (Alluvium)
				31	60	DARK YELLOWISH BROWN MOTTLED WITH GRAY SANDY CLAY WITH MINOR GRAVELS (CL), moist, very stiff to hard, subrounded weathered gravels (Alluvium)
				54	65	DARK YELLOWISH BROWN SILTY CLAY (CL), moist, hard, scattered gray blebs (Alluvium)
				32/2"	70	Stiffer drilling at 70 feet
						MOTTLED YELLOWISH BROWN AND OLIVE BROWN GRAVELLY CLAY (CL), very moist, hard, subangular gravels (Residual Soil)
						DARK YELLOWISH BROWN SANDSTONE, moderately weathered, fractured, very fine to fine-grained, bedding visible (Bedrock)
						Boring terminated at 71.1 feet
						Groundwater encountered at 15 and 40.7 feet

* Converted to equivalent standard penetration blow counts.

** Existing ground surface at time of drilling.

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Geotechnical, Materials and Environmental Engineering

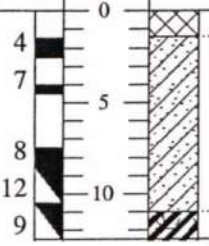
PROJECT NUMBER **41-00569X-001** DATE **NOV 2000**

LOG OF BORING KB-10

COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Sample Interval (feet)	Blows/ Foot *	DEPTH (FEET)	EQUIPMENT: **Beaver**	ELEVATION: **
						LOGGED BY: **Paul Derkos**	START DATE: **10-11-00**
							FINISH DATE: **10-11-00**



LIGHT BROWN SILTY TO SANDY CLAY WITH GRAVEL (CL), dry, soft (Fill)

OLIVE-BROWN CLAYEY SAND TO SANDY CLAY WITH GRAVEL (SC/CL), moist to wet, loose to medium dense (Fill)

Cobble in sampler shoe at 10.5 feet

GREENISH GRAY SILTY CLAY (OH), soft, wet, abundant organics, (Bay Mud)

BOTTOM OF BORING 12.5 FEET
Groundwater not Encountered

* Converted to equivalent standard penetration blow counts.

** Existing ground surface at time of drilling.

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Geotechnical, Materials and Environmental Engineering

PROJECT NUMBER 41-00569X-001 DATE NOV 2000

LOG OF BORING KB-11

COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Sample Interval (feet)	Blows/ Foot *	DEPTH (FEET)
				3	0
				6	5
				8	
				9	10

EQUIPMENT: **Beaver** ELEVATION: ******

LOGGED BY: **Paul Derkos** START DATE: **10-11-00**

FINISH DATE: **10-11-00**

GRAY GRAVELLY SILTY CLAY (CL), dry to moist, soft, gravels to 2.5", (Fill)

OLIVE BROWN CLAYEY SAND WITH GRAVEL (SC), moist to wet, firm, (Fill)

GREENISH GRAY SILTY CLAY (OH), wet, firm, abundant organics (Bay Mud)

BOTTOM OF BORING 11.5 FEET
Groundwater not Encountered

* Converted to equivalent standard penetration blow counts.

** Existing ground surface at time of drilling.

KLEINFELDER
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PROJECT NUMBER **41-00569X-001** DATE **NOV 2000**

LOG OF BORING KB-12

COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

EQUIPMENT: **Rotary Wash** ELEVATION: **

LOGGED BY: **J.Noble** START DATE: **1-18-96**

FINISH DATE: **1-18-96**

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Blows/ Foot *	DEPTH (FEET)	
				0	**4.5" AC PAVEMENT**
			25		**GRAY SAND AND GRAVEL (GP)** dense, moist (Baserock)
	125	13.0	17		**GRAY BROWN SANDY AND GRAVELLY CLAY (CL)** stiff to very stiff, moist to wet (Fill)
			19	5	
	133	11.7	13		▽
			13	10	
TX/UU, see Plate 7	80	39.0	13		**GRAY SILTY CLAY (CH)** stiff, wet
				15	**GRAY SILTY CLAY (CH)** soft, saturated, with organics (Bay Mud)
	51	84.4		20	
CONSOL, see Plate 8	45	98.6		25	
				30	**GRAY SILTY SAND (SM)** loose, saturated
minus #200=49%	79	17.2	5		grading medium dense
Minus #200=34%	112	17.7	25	35	**MOTTLED BROWN CLAYEY SAND (SC)** medium dense, saturated
				40	**BROWN CLAYEY GRAVELLY SAND (SC)** dense to very dense, saturated
	129	11.6	38		
				45	
			50/5"		Bottom of Boring B-1 @ 49.5 feet.

* Converted to equivalent standard penetration blow counts.

** Existing ground surface at time of drilling.

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Geotechnical, Materials and Environmental Engineering

PROJECT NUMBER **41-7215-01** DATE **JAN 1996**

LOG OF BORING B-1

PLATE

COSTCO WHOLESALE ADDITION
VINTAGE OAKS AT NOVATO
NOVATO, CALIFORNIA

EQUIPMENT: **Rotary Wash** ELEVATION: **

LOGGED BY: **R.Fosse** START DATE: **1-18-96**

FINISH DATE: **1-18-96**

Other Laboratory Tests	Dry Density (pcf)	Moisture Content (%)	Blows/ Foot *	DEPTH (FEET)	
			15	0	**GRAY BROWN SANDY AND GRAVELLY CLAY (CL)** stiff to very stiff, moist to wet (Fill)
	112	16.4	14	5	
	132	13.3	22	10	
	94	40.6	18	15	**GRAY SILTY CLAY (CH)** medium stiff, wet
TX/UU, see Plate 7	64	58.4	9	20	**GRAY SILTY CLAY (CH)** soft, saturated, with organics (Bay Mud)
	47	91.0		25	
				30	
			11	35	**GRAY SILTY SAND (SM)** medium dense, saturated
				40	**BROWN CLAYEY GRAVELLY SAND (SC)** dense, saturated
	124	13.6	31		Bottom of Boring B-2 @ 43.5 feet.

* Converted to equivalent standard penetration blow counts.

** Existing ground surface at time of drilling.

KLEINFELDER

Geotechnical, Materials and Environmental Engineering

PROJECT NUMBER **41-7215-01** DATE **JAN 1996**

LOG OF BORING B-2

COSTCO WHOLESALE ADDITION
VINTAGE OAKS AT NOVATO
NOVATO, CALIFORNIA

PLATE

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Appendix B

APPENDIX B
CURRENT LABORATORY TESTING

GENERAL

Laboratory tests were performed on selected samples as an aid in classifying the soils and to evaluate physical properties of the soils that may affect foundation design and construction procedures. The tests were performed in general conformance with the current ASTM standards. Laboratory testing was performed by Kleinfelder's in-house laboratory in Hayward, CA. Corrosion testing was conducted by AP Engineering and Testing, Inc. of Pomona, California. A description of the laboratory-testing program is presented below.

MOISTURE AND UNIT WEIGHT

Moisture content and dry unit weight testing was performed on a select samples recovered from our boring. Moisture contents were determined in general accordance with ASTM Test Method D2216; dry unit weight was calculated using the entire weight of the samples collected. The test results are presented on the boring log in Appendix A and as an attachment in this appendix.

PLASTICITY INDEX

Plasticity Index testing was performed on a sample to evaluate the plasticity of the onsite soils and to aid in classification of the soils. Plasticity Index testing (Atterberg limits) was performed in accordance with ASTM Standard Test Method D4318. The test result is presented on the boring log in Appendix A and as an attachment in this appendix.

R-VALUE

Resistance value (R-value) tests were performed on selected bulk soil samples obtained to evaluate pavement support characteristics of the near-surface onsite soils. R-value tests were performed in accordance with ASTM Standard Test Method D2844. The test results are attached to this appendix.

SEIVE ANALYSIS

Selected soil samples were tested for the percent passing the No. 4 and 200 sieve, which was performed by wash sieving in accordance with ASTM Standard Test Method C 136. The test results are presented on the boring logs.

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SOIL CORROSIVITY TESTS

A series of chemical tests were performed on selected samples of the near-surface soils to estimate pH, resistivity and sulfate and chloride contents. The samples were tested for pH and minimum resistivity, soluble chlorides, and soluble sulfates, respectively. Test results may be used by a qualified corrosion engineer to evaluate the general corrosion potential with respect to construction materials. The results of the tests are presented in the body of the report and attached to this appendix

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Exploration ID	Depth (ft.)	Sample No.	Sample Description	Water Content (%)	Dry Unit Wt. (pcf)	Sieve Analysis (%)			Atterberg Limits			Additional Tests
						Passing 3/4"	Passing #4	Passing #200	Liquid Limit	Plastic Limit	Plasticity Index	
KB-1	1.0 - 2.0	1		11.8								
KB-2	1.5 - 4.5	1	GRAY SANDY LEAN CLAY WITH GRAVEL (CL)	14.7								R-value = 6
KB-2	7.5	3		22.3								
KB-2	10.0	4	GREENISH GRAY CLAYEY SAND WITH GRAVEL (SC)	9.0					24	15	9	
KB-2	12.5	5		17.7								
KB-2	15.0	6	YELLOWISH BROWN CLAYEY SAND WITH GRAVEL (SC)			84	61	12				
KB-2	17.5	7	GRAY FAT CLAY (CH)	76.9					96	34	62	
KB-2	20.0	8		116.4								
KB-3	1.5 - 4.0	1	OLIVE GRAY SANDY LEAN CLAY WITH GRAVEL (CL)	15.1					44	19	25	
KB-3	5.5			15.5								
KB-3	6.0			14.5	124.6							

Refer to the Geotechnical Evaluation Report or the supplemental plates for the method used for the testing performed above.
NP = NonPlastic
NA = Not Available

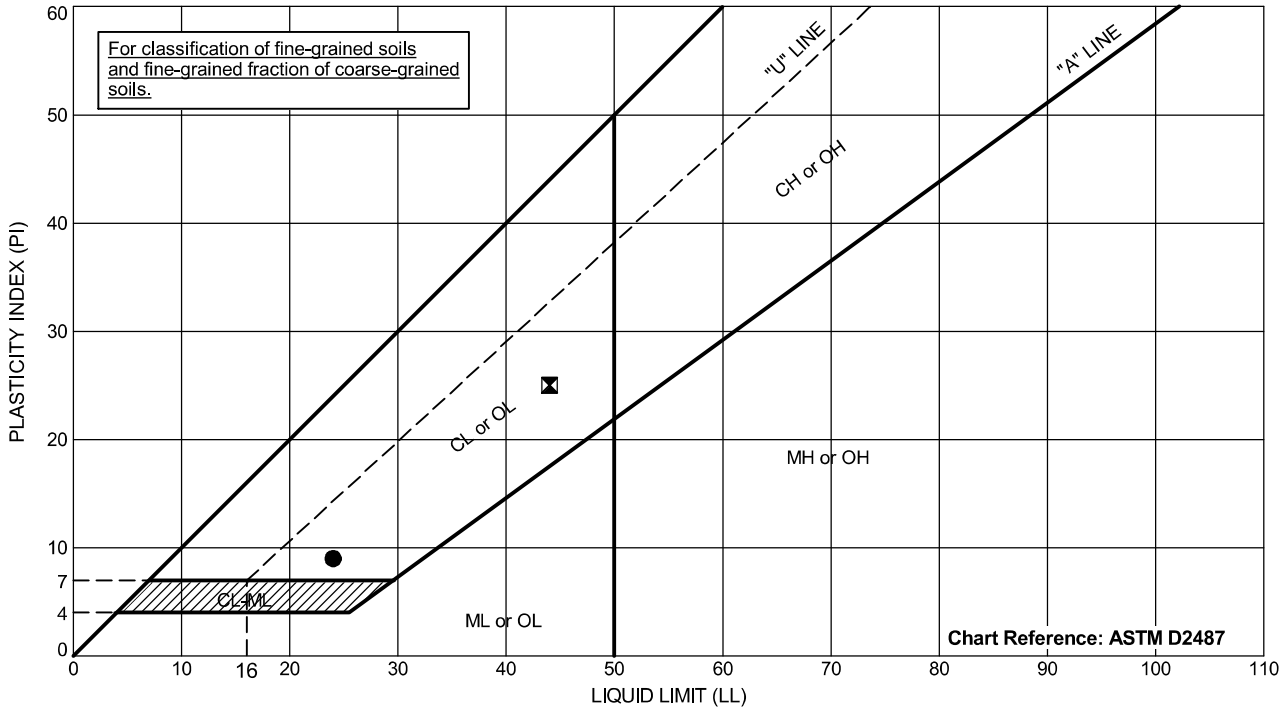
KLEINFELDER
Bright People. Right Solutions.

PROJECT NO.: 20203551
DRAWN BY: JDS
CHECKED BY: DD
DATE: 3/19/2020
REVISED: -

LABORATORY TEST RESULT SUMMARY

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE
B-1



Exploration ID		Depth (ft.)	Sample Number	Sample Description	Passing #200	LL	PL	PI
●	KB-2	10	4	GREENISH GRAY CLAYEY SAND WITH GRAVEL (SC)	NM	24	15	9
⊠	KB-3	1.5 - 4	1	OLIVE GRAY SANDY LEAN CLAY WITH GRAVEL (CL)	NM	44	19	25

Testing performed in general accordance with ASTM D4318.
NP = Nonplastic
NA = Not Available
NM = Not Measured

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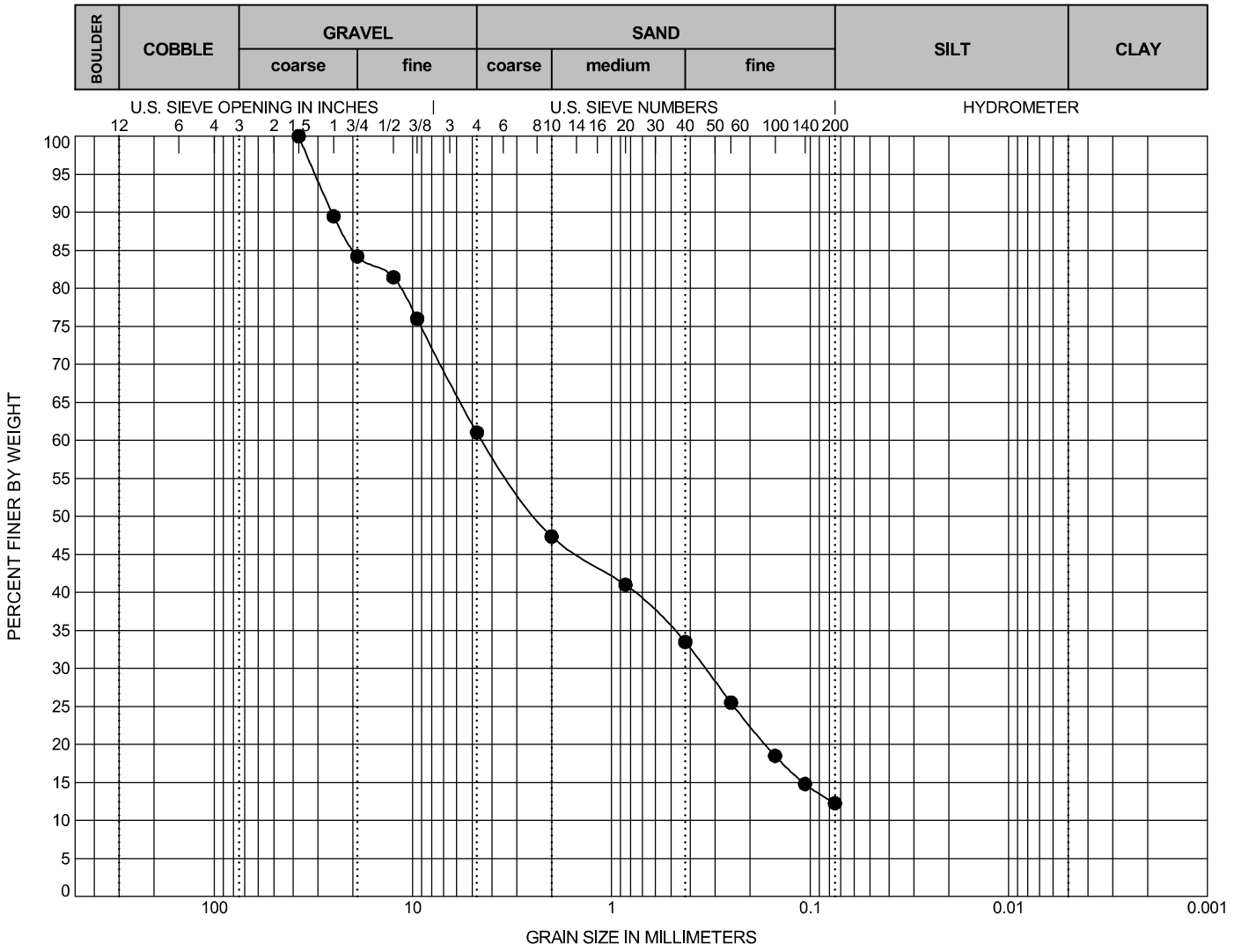
PROJECT NO.:	20203551
DRAWN BY:	JDS
CHECKED BY:	DD
DATE:	3/19/2020
REVISED:	-

ATTERBERG LIMITS

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE
B-2

PLOTTED: 03/23/2020 12:51 PM BY: JSala
OFFICE FILTER: SAN JOSE
PROJECT NUMBER: 20203551.001A
gINT FILE: Klf_gint_master_2020
gINT TEMPLATE: E:\KLF_STANDARD_GINT_LIBRARY_2019.GLB [_KLF_ATTERBERG (ASTM)]



Exploration ID	Depth (ft.)	Sample Number	Sample Description	LL	PL	PI
● KB-2	15	6	YELLOWISH BROWN CLAYEY SAND WITH GRAVEL (SC)	NM	NM	NM

Exploration ID	Depth (ft.)	D_{100}	D_{60}	D_{30}	D_{10}	Cc	Cu	Passing 3/4"	Passing #4	Passing #200	%Silt	%Clay
● KB-2	15	37.5	4.455	0.338	NM	0.46	80.73	84	61	12	NM	NM

Sieve Analysis and Hydrometer Analysis testing performed in general accordance with ASTM D422.
NP = Nonplastic
NA = Not Available
NM = Not Measured

Coefficients of Uniformity - $C_u = D_{60} / D_{10}$
Coefficients of Curvature - $C_c = (D_{30})^2 / D_{60} D_{10}$
D_{60} = Grain diameter at 60% passing
D_{30} = Grain diameter at 30% passing
D_{10} = Grain diameter at 10% passing

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PROJECT NO.:	20203551
DRAWN BY:	JDS
CHECKED BY:	DD
DATE:	3/19/2020
REVISED:	-

SIEVE ANALYSIS

COSTCO WAREHOUSE NO. 141
300 VINTAGE WAY
NOVATO, CALIFORNIA

FIGURE
B-3

PLOTTED: 03/23/2020 12:52 PM BY: JSala
OFFICE FILTER: SAN JOSE
PROJECT NUMBER: 20203551.001A
gINT FILE: Klf_gint_master_2020
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Laboratory Test Report

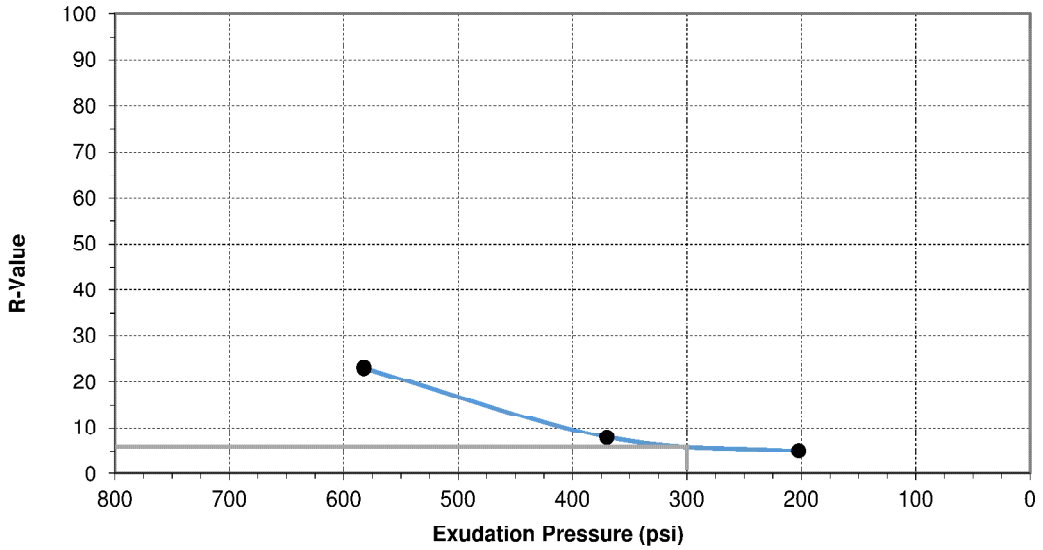
Client:	**Costco Wholesale**	Report No.:	**20-HAY-00337 Rev. 0**	Issued:	**3/13/2020**
Project:	**20203551.001A**			Field ID:	**HL12939**
	CSM Costco Novato CA Fuel Ctnr#141 GEO	Sampled by:		Date:	**2/26/2020**
	01-000L - Labs	Submitted by:	**D. Dockendorf**	Date:	**3/5/2020**

Tested on **3/12/2020** by **J. Savage**

Test Method: **ASTM D2844**

Material Description: **Gray sandy Lean clay with gravel (CL)**

Specific Location: **KB-2 sample 1 Depth 1.5-4'**



Briquette No.	A	B	C
Dry Unit Weight at Test (pcf)	133.1	129.6	125.5
Expansion Pressure (psf)	186	22	87
Exudation Pressure (psi)	582	370	202
Moisture at Time of Test (%)	10.1	11.5	12.3
Resistance Value	23	8	5
R - VALUE AT 300 PSI EXUDATION PRESSURE:			**6**

B-4

Reviewed on 3/13/2020 by Cindy Pimentel,
Senior Technician

Limitations: Pursuant to applicable building codes, the results presented in this report are for the exclusive use of the client and the registered design professional in responsible charge. The results apply only to the samples tested. If changes to the specifications were made and not communicated to Kleinfelder, Kleinfelder assumes no responsibility for pass/fail statements (meets/did not meet), if provided. This report may not be reproduced, except in full, without written approval of Kleinfelder.

AP Engineering and Testing, Inc.
DBE|MBE|SBE
2607 Pomona Boulevard | Pomona, CA 91768
t. 909.869.6316 | f. 909.869.6318 | www.aplaboratory.com

CORROSION TEST RESULTS

Client Name: Kleinfelder (Oakland)
Project Name: Costco Novato New Fuel Facility
Project No.: 20203511.001A

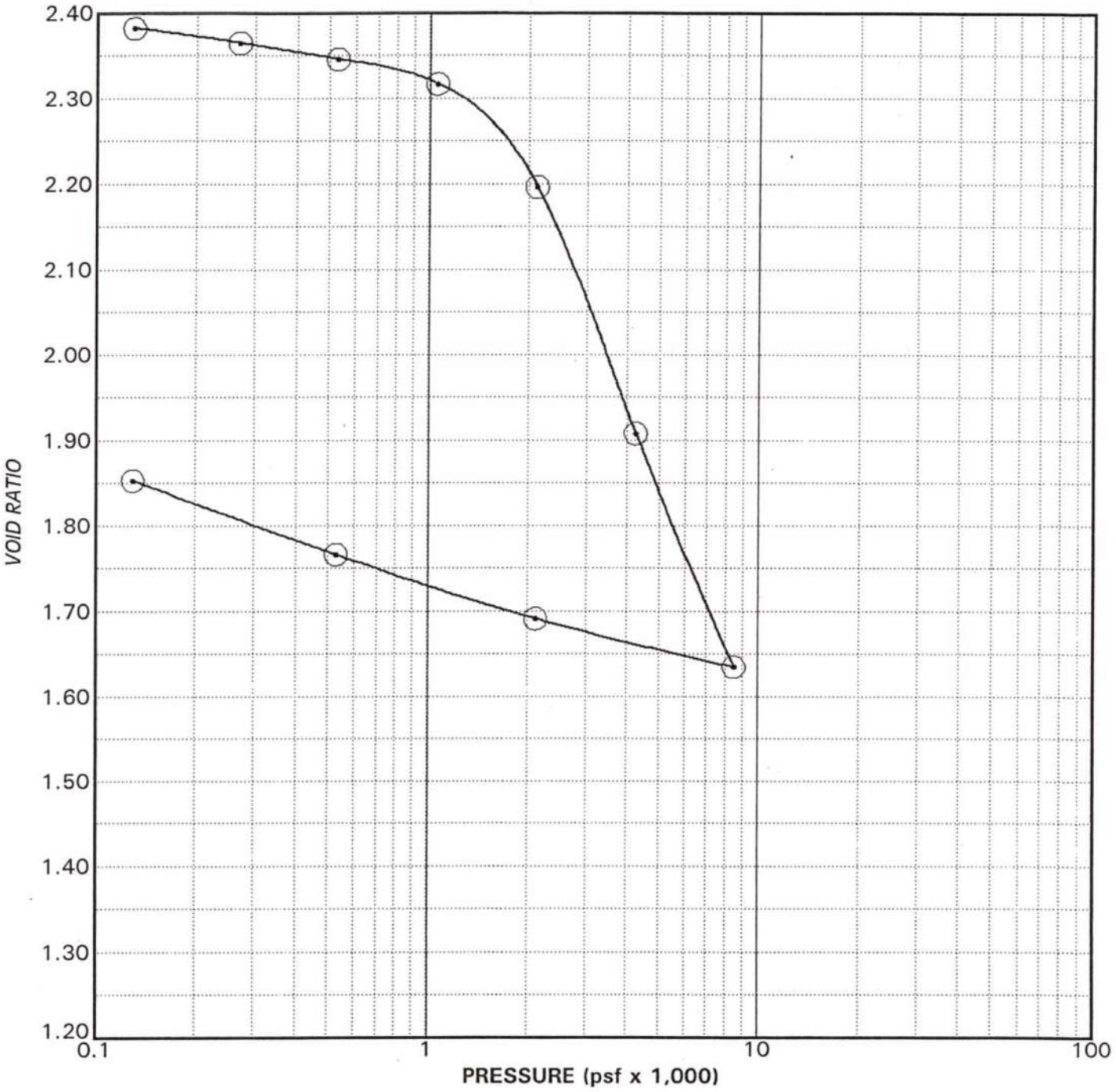
AP Job No.: 20-0321
Date: 03/16/20

Boring No.	Sample No.	Depth (feet)	Soil Description	Minimum Resistivity (ohm-cm)	pH	Sulfate Content (ppm)	Chloride Content (ppm)
KB-2	1	1.5-4.5	CL	956	8.7	138	26

NOTES: Resistivity Test and pH: California Test Method 643
Sulfate Content : California Test Method 417
Chloride Content : California Test Method 422
ND = Not Detectable
NA = Not Sufficient Sample
NR = Not Requested

APPENDIX B
PREVIOUS LABORATORY TESTING (KLEINFELDER, 2004)

VOID RATIO - PRESSURE CURVE



Reference: ASTM D 2435

Type of specimen **Trimmed**			Before Test				After Test			
Diameter (in.) **2.43**	Height (in.) **0.80**		Moisture Content	wo	**89.0**	%	wf	**68.0**	%
Overburden Press., Po		psf	Void Ratio	eo	**2.413**		ef	**1.852**	
Preconsol Press., Pc		psf	Saturation	So	**98**	%	Sf	**100**	%
Compression Index, Cc			Dry Density	d	**48**	pcf	d	**58**	pcf
LL	PL		PI			Gs **2.65**			
Class: **Grey Fat Clay (CH)**			Source: **K-2 @ 22.0'**						

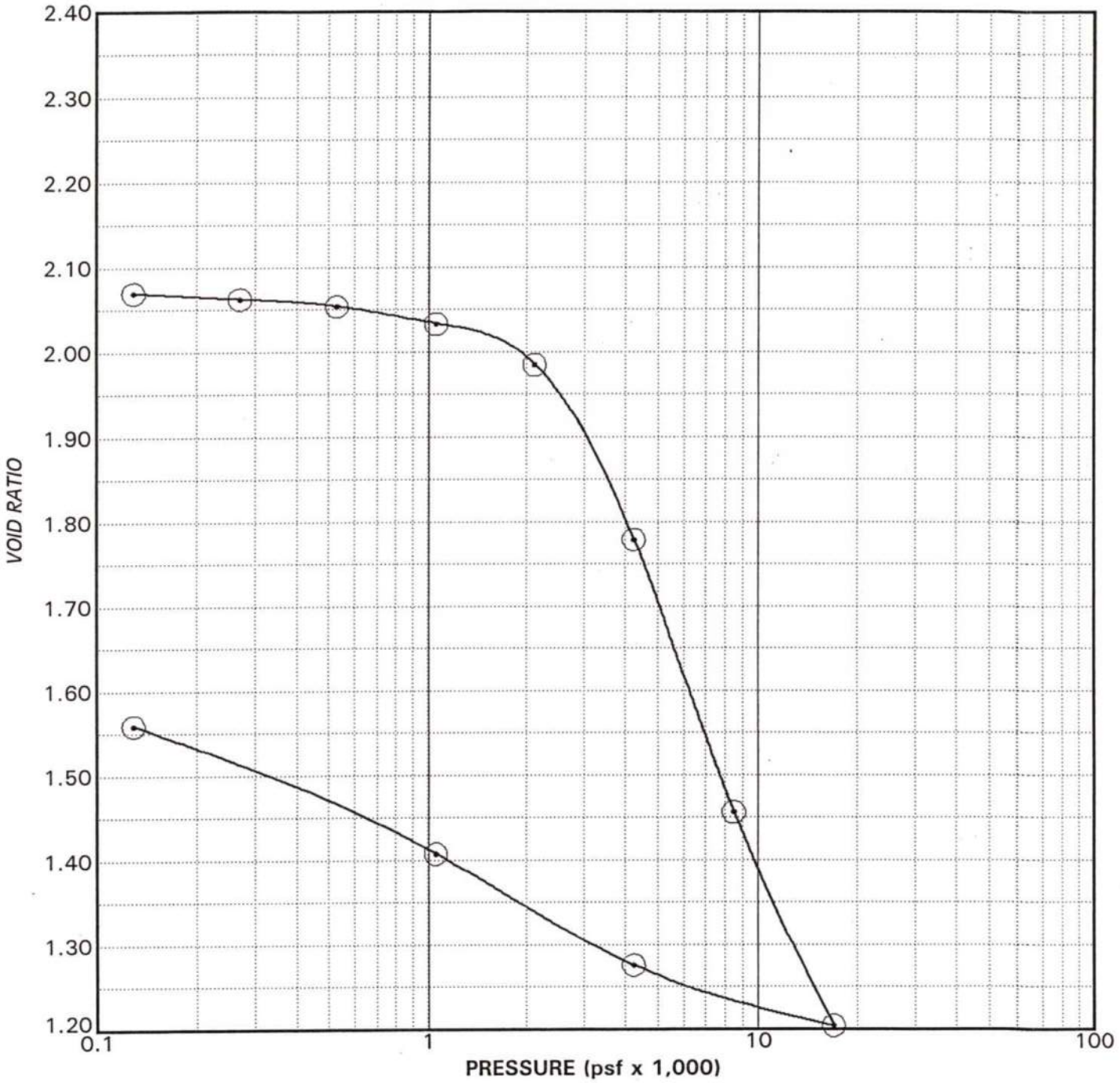
KLEINFELDER
Geotechnical, Materials and Environmental
Testing Performed by: RGH Geotechnical and Environmental Consultants

Job No. 45011
Date: AUG 2004

CONSOLIDATION TEST
COSTCO WHOLESALE EXPANSION
WAREHOUSE NUMBER 141
NOVATO, CALIFORNIA

PLATE
B-1

VOID RATIO - PRESSURE CURVE



Reference: ASTM D 2435

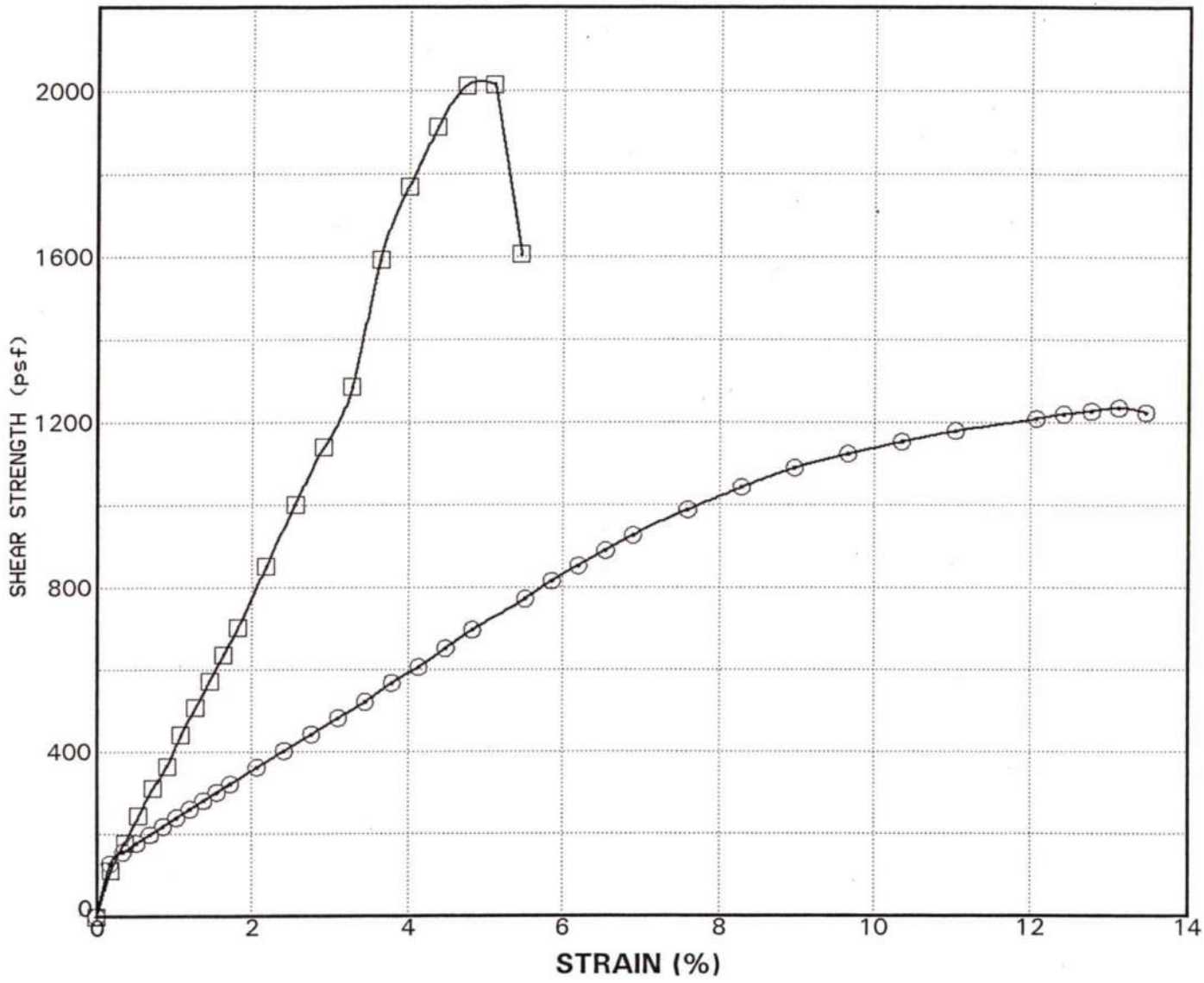
Type of specimen **Trimmed**			Before Test				After Test	
Diameter (in.) **2.43**	Height (in.) **0.80**		Moisture Content	wo	**78.0**	%	wf	**58.8** %
Overburden Press., Po		psf	Void Ratio	eo	**2.086**		ef	**1.557**
Preconsol Press., Pc		psf	Saturation	So	**99**	%	Sf	**100** %
Compression Index, Cc			Dry Density	d	**54**	pcf	d	**65** pcf
LL	PL		PI		Gs **2.65**			
Class: **Grey Fat Clay (CH)**			Source: **K-4 @ 20.0'**					

KLEINFELDER
Geotechnical, Materials and Environmental
Testing Performed by: RGH Geotechnical and Environmental Consultants

Job No. 45011
Date: AUG 2004

CONSOLIDATION TEST
COSTCO WHOLESALE EXPANSION
WAREHOUSE NUMBER 141
NOVATO, CALIFORNIA

PLATE
B-2



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ K-1 @ 36.0'	Blue Green Clayey Sand (SC)	TX/UU	2592	1234	13	110	20.0
⊡ K-5 @ 35.0'	Grey Silty Sand (SM)	TX/UU	2448	2014	5	112	16.7

UC = Unconfined Compression

TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER
Geotechnical, Materials and Environmental
Testing Performed by: RGH Geotechnical and Environmental Consultants

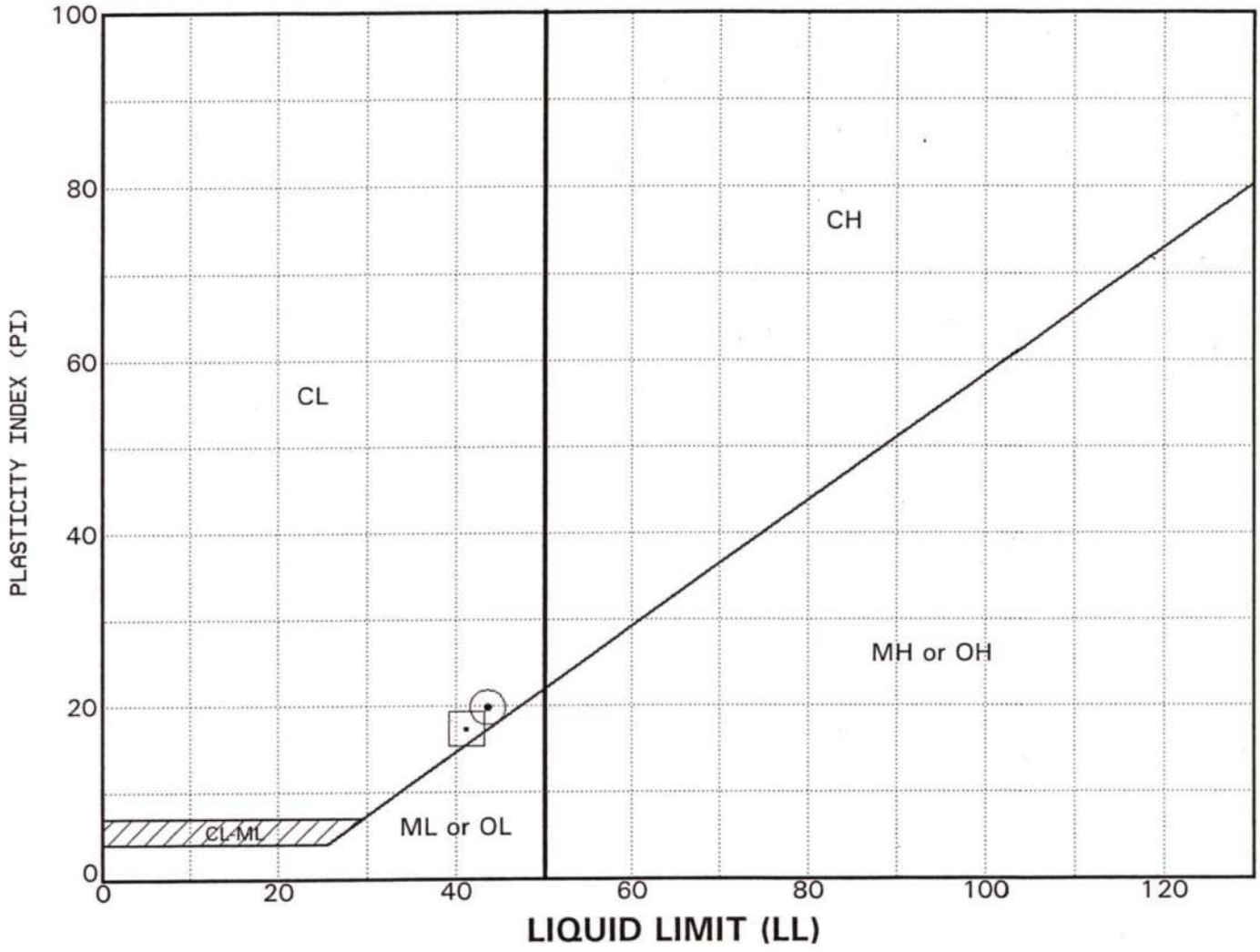
Job No. 45011

Date: AUG 2004

STRENGTH TEST DATA
COSTCO WHOLESALE EXPANSION
WAREHOUSE NUMBER 141
NOVATO. CALIFORNIA

PLATE

B-3



SAMPLE SOURCE	CLASSIFICATION	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	PLASTICITY INDEX (%)	% PASSING #200 SIEVE
⊙ K-4 @ 2.5'	Olive Green Clayey Sand W/Grav (SC)	44	24	20	
⊡ K-5 @ 3.0'	Brown Clayey Sand W/Gravel (SC)	41	24	17	

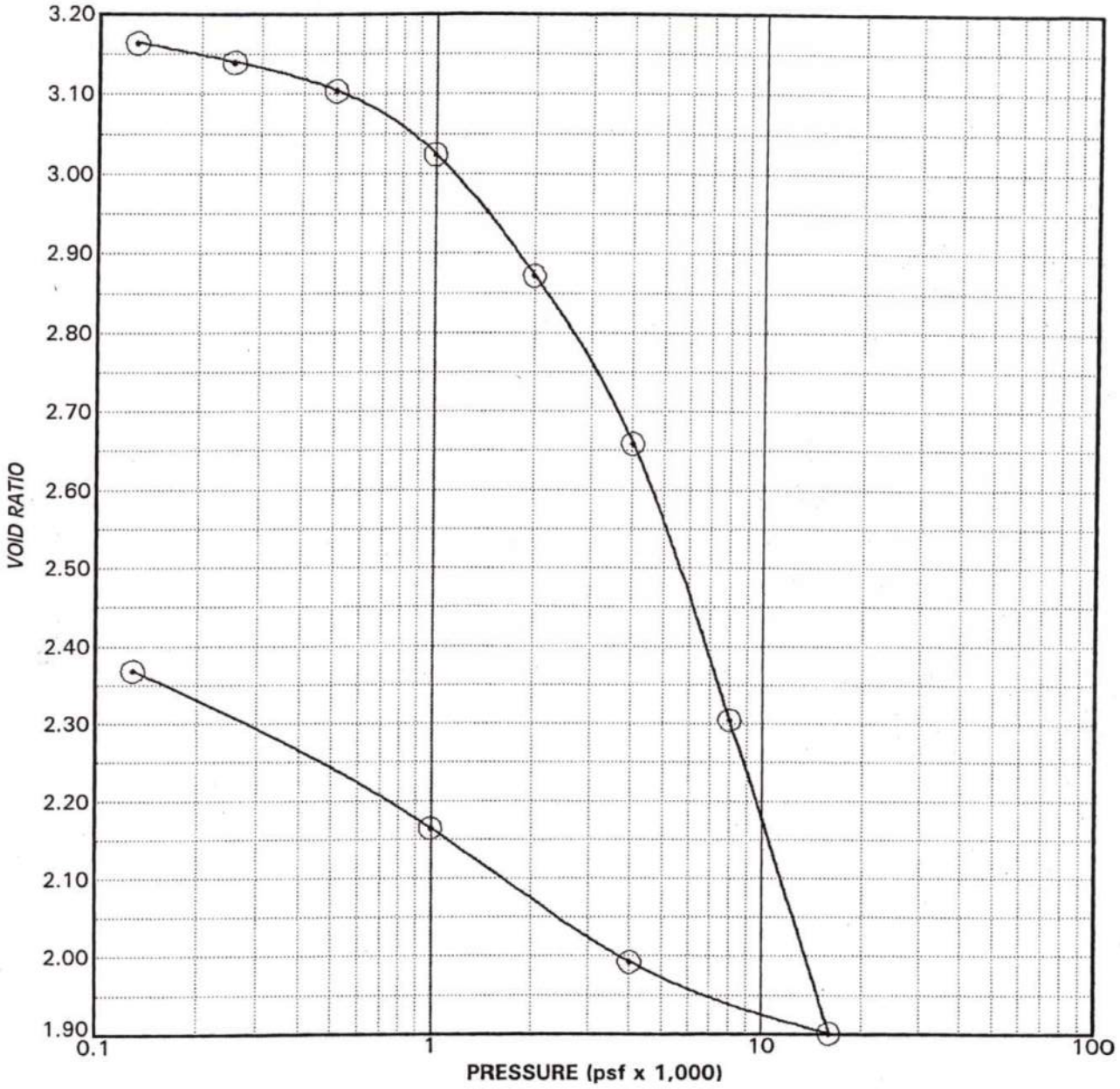
KLEINFELDER
Geotechnical, Materials and Environmental
Testing Performed by: RGH Geotechnical and Environmental Consultants

Job No. 45011
Date: AUG 2004

PLASTICITY CHART
COSTCO WHOLESALE EXPANSION
WAREHOUSE NUMBER 141
NOVATO, CALIFORNIA

PLATE
B-4

VOID RATIO - PRESSURE CURVE



Reference: ASTM D 2435

Type of specimen			Before Test				After Test		
Diameter (in.) 2.43	Height (in.) 0.80		Moisture Content	wo	118.2	%	wf	92.6	%
Overburden Press., Po		psf	Void Ratio	eo	3.213		ef	2.366	
Preconsol Press., Pc		psf	Saturation	So	94	%	Sf	100	%
Compression Index, Cc			Dry Density	d	38	pcf	d	47	pcf
LL	PL		PI		Gs 2.55				
Class: Grey Clay (CH) High In Organics			Source: KB- 2 @ 18.0'						

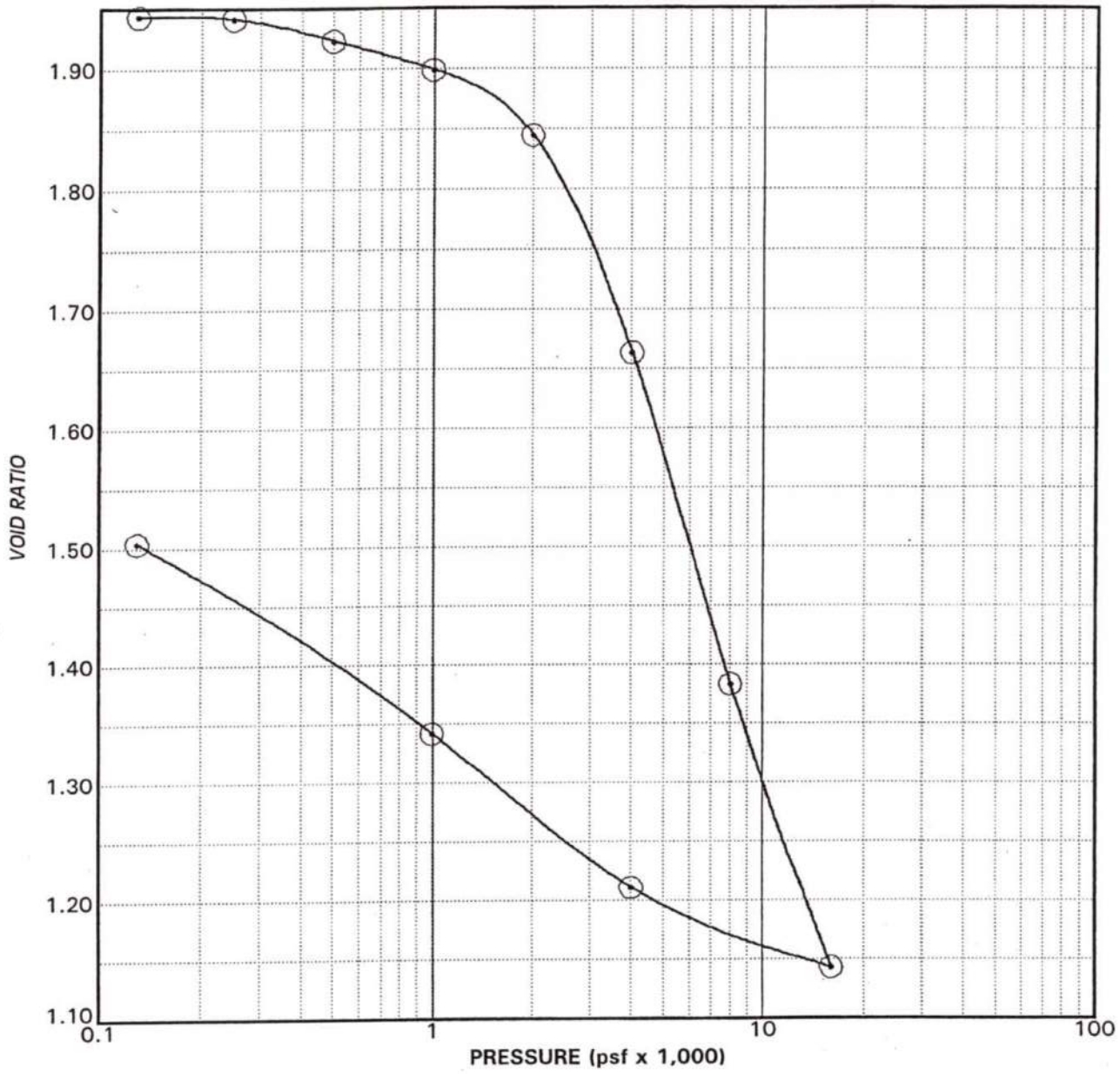
KLEINFELDER

PROJECT NO. 41-00569X-001

CONSOLIDATION TEST
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

VOID RATIO - PRESSURE CURVE



Reference: ASTM D 2435

Type of specimen			Before Test			After Test		
Diameter (in.) 2.43	Height (in.) 0.80		Moisture Content	wo	73.9 %	wf	57.5 %	
Overburden Press., Po	psf		Void Ratio	eo	1.944	ef	1.505	
Preconsol Press., Pc	psf		Saturation	So	100 %	Sf	100 %	
Compression Index, Cc			Dry Density	d	56 pcf	d	65 pcf	
LL	PL	PI		Gs 2.62				
Class: Grey Clay (CH) W/Organics		Source: KB- 8 @ 33.0'						

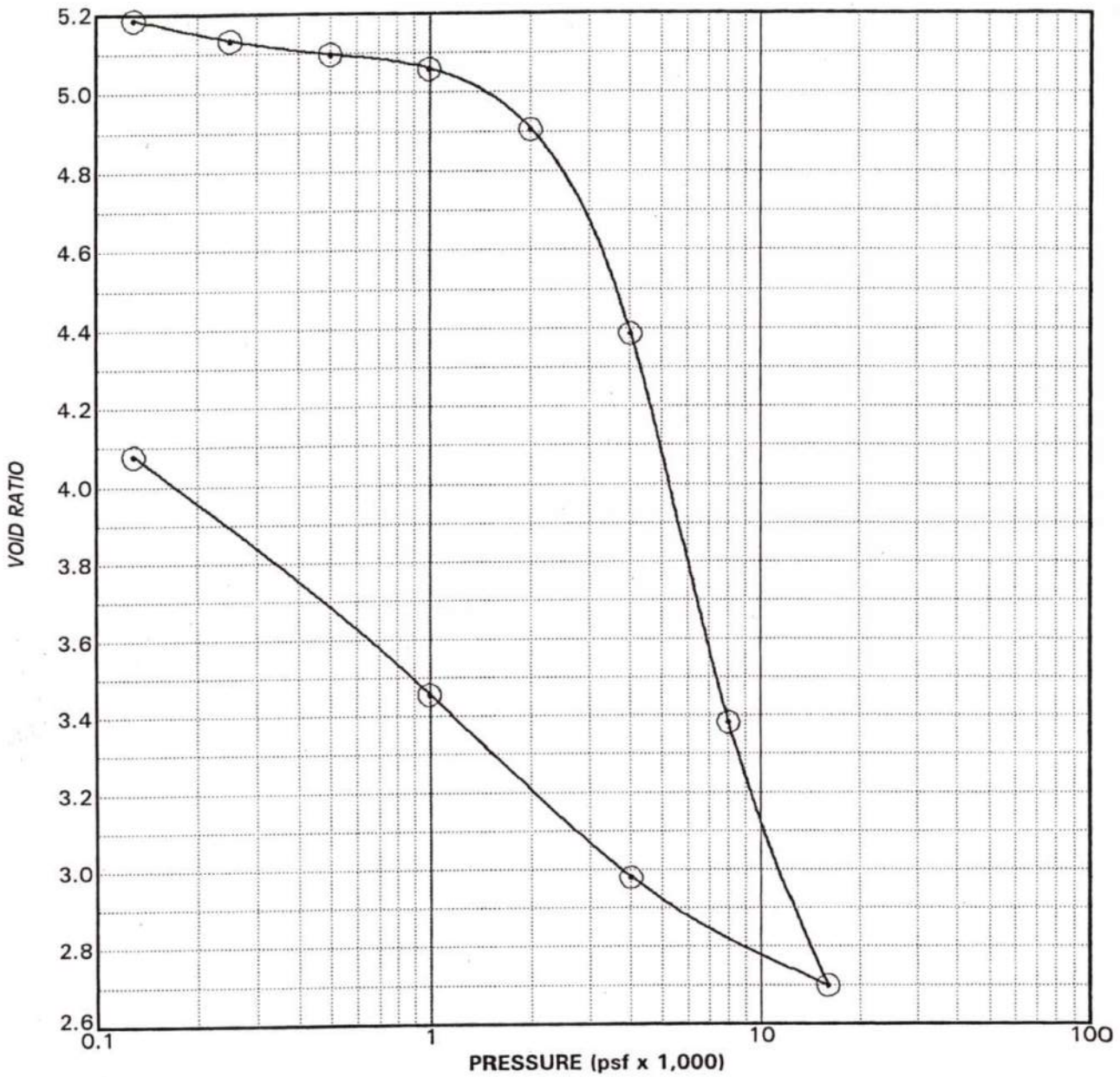
KLEINFELDER

PROJECT NO. 41-00569X-001

CONSOLIDATION TEST
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

VOID RATIO - PRESSURE CURVE



Reference: ASTM D 2435

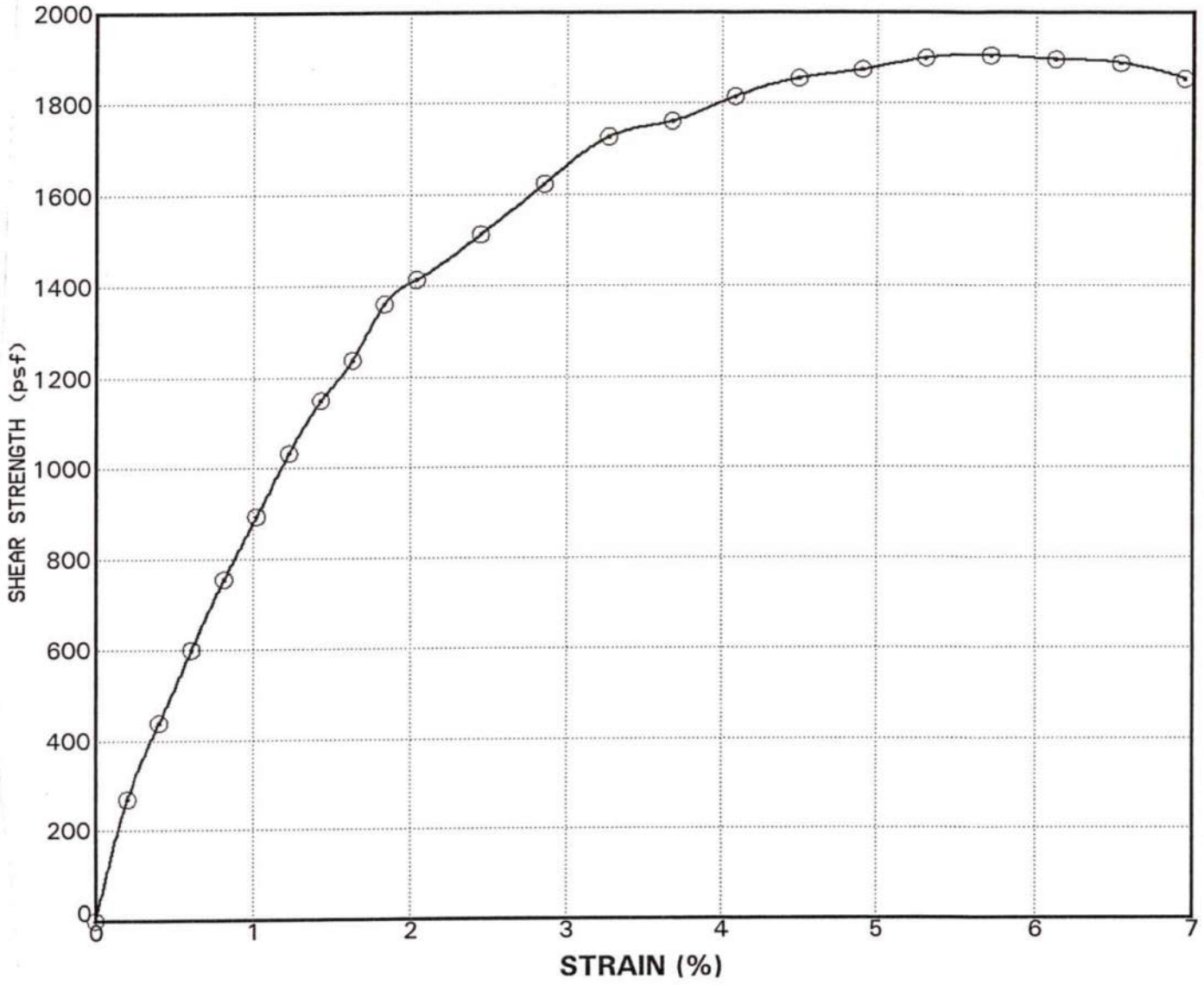
Type of specimen			Before Test				After Test		
Diameter (in.) 2.43	Height (in.) 0.80		Moisture Content	wo	217.2	%	wf	179.8	%
Overburden Press., Po	psf		Void Ratio	eo	5.217		ef	4.075	
Preconsol Press., Pc	psf		Saturation	So	94	%	Sf	100	%
Compression Index, Cc			Dry Density	d	23	pcf	d	28	pcf
LL	PL	PI		Gs 2.26					
Class: Black Brown Silt (MH) Highly Organic		Source: KB-10 @ 30.0'							

KLEINFELDER

PROJECT NO. 41-00569X-001

CONSOLIDATION TEST
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ KB- 1 @ 5.5'	Grey Sandy Clay W/Gravel (CH)	TX/UU	720	1904	6	126	12.5

UC = Unconfined Compression

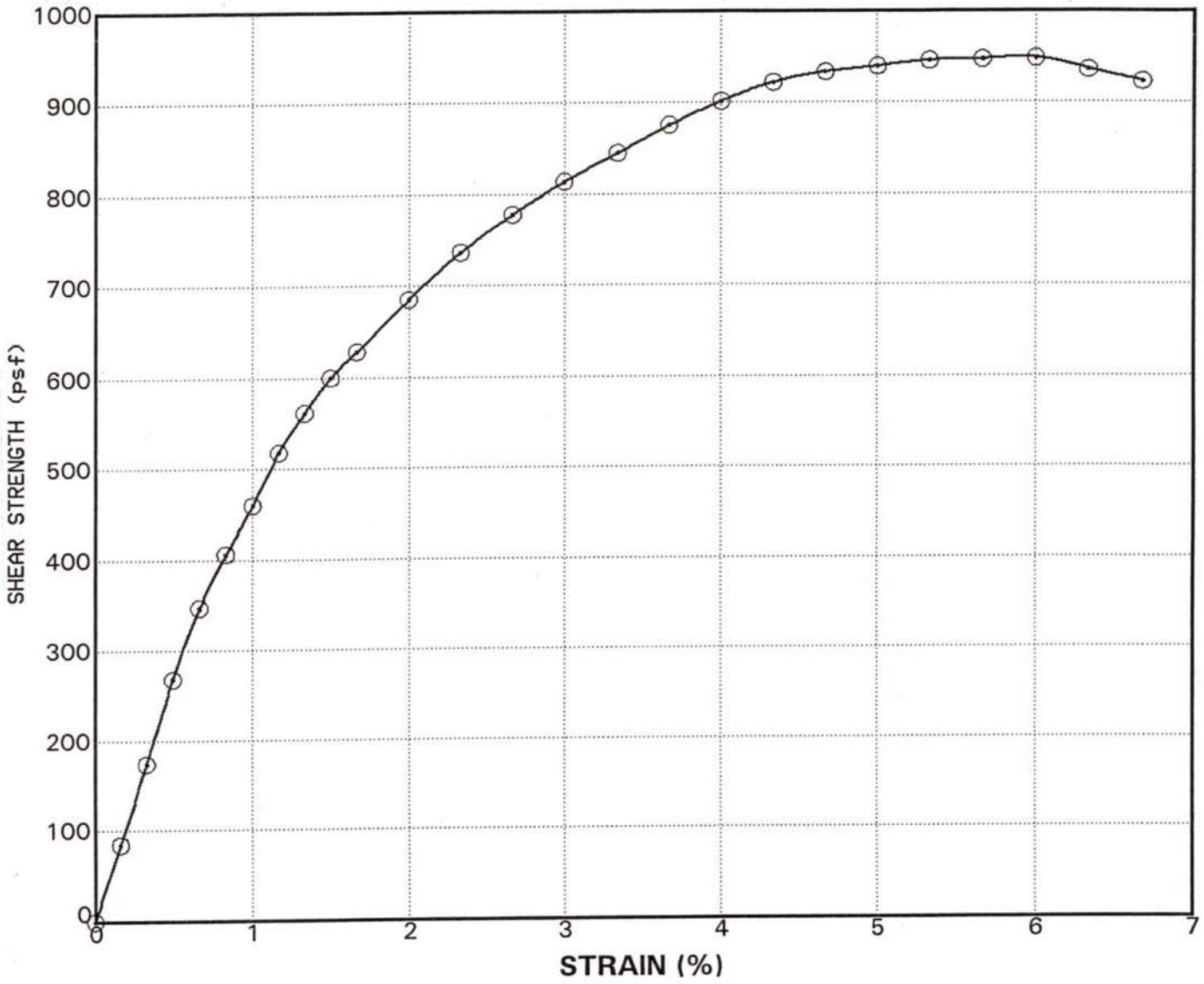
TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER

PROJECT NO. 41-00569X-001

STRENGTH TEST DATA
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ KB- 1 @ 59.0'	Brown Sandy Clay W/Gravel (CL)	UC		948	6	68	54.1

UC = Unconfined Compression

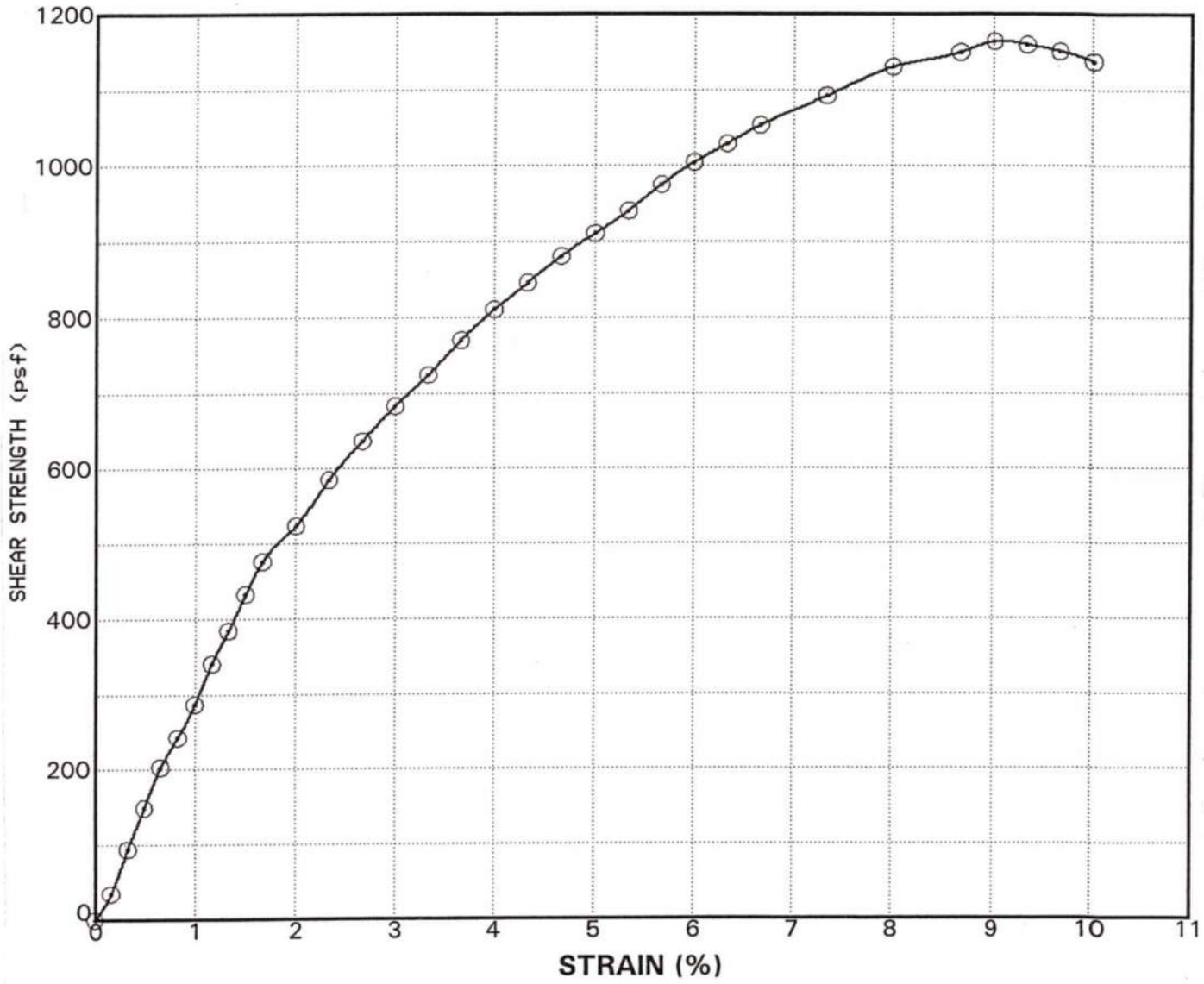
TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER

PROJECT NO. 41-00569X-001

STRENGTH TEST DATA
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ KB- 2 @ 56.0'	Brown Sandy Clay W/Gravel (CL)	UC		1163	9	105	21.9

UC = Unconfined Compression

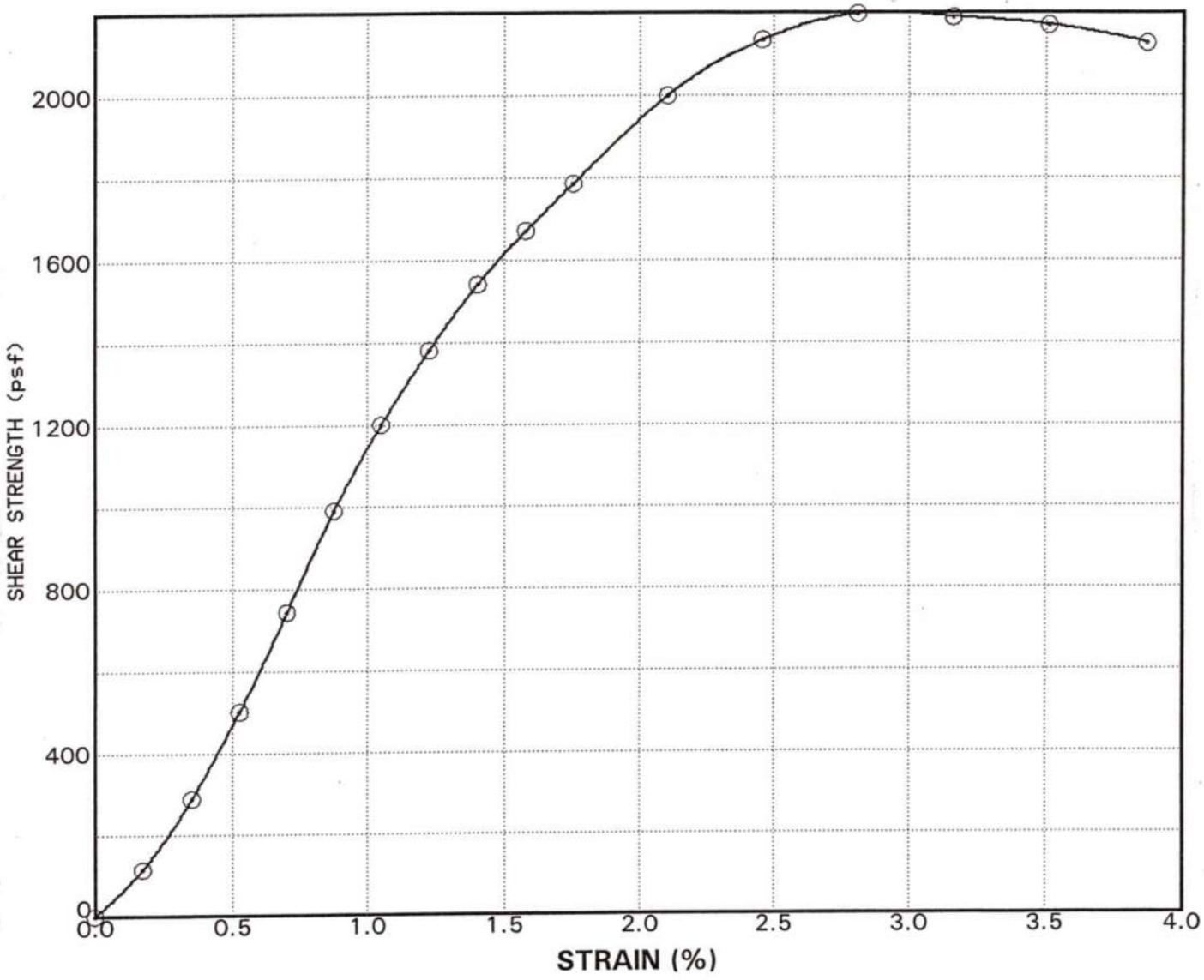
TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER

PROJECT NO. 41-00569X-001

STRENGTH TEST DATA
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ KB- 3 @ 6.0'	Grey Sandy Clay W/Gravel (CL)	UC		2196	3	121	18.5

UC = Unconfined Compression

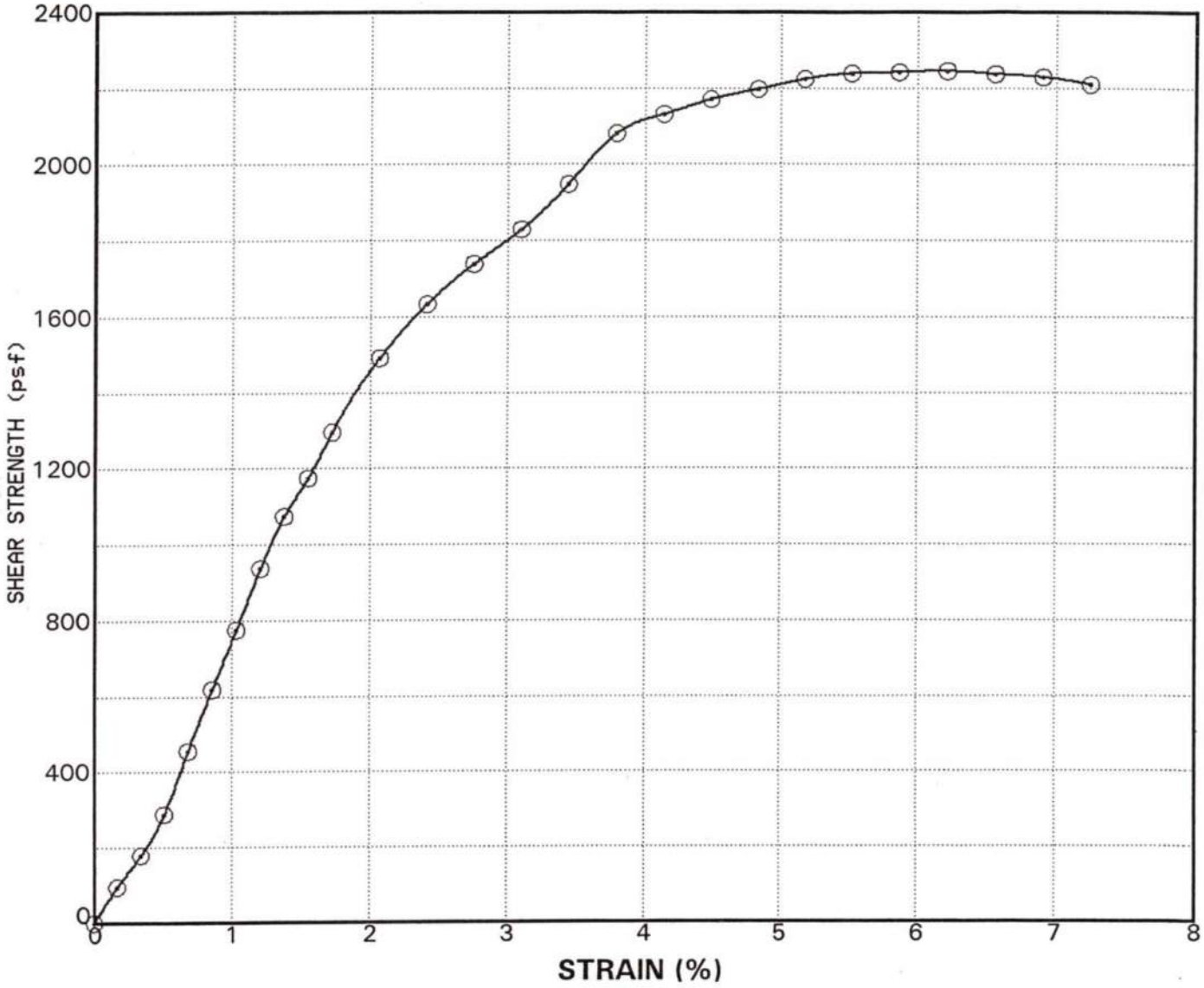
TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER

PROJECT NO. 41-00569X-001

STRENGTH TEST DATA
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ KB- 8 @ 4.0'	Brown Sandy Clay W/Gravel (CL)	UC		2244	6	125	12.6

UC = Unconfined Compression

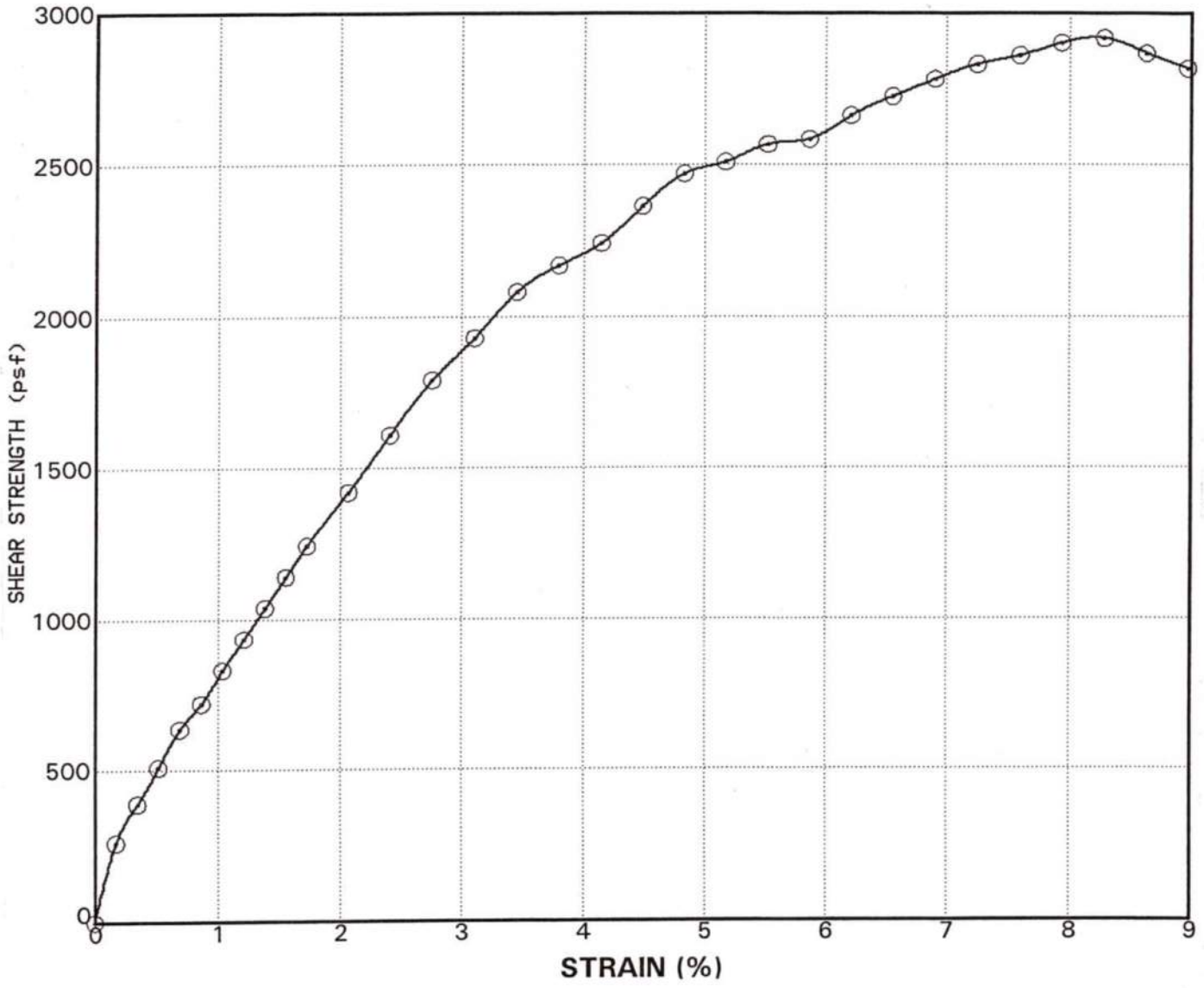
TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER

PROJECT NO. 41-00569X-001

STRENGTH TEST DATA
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ KB- 8 @ 70.5'	Brown Clayey Sand W/Gravel (SC)	TX/UU	4320	2915	8	121	14.6

UC = Unconfined Compression

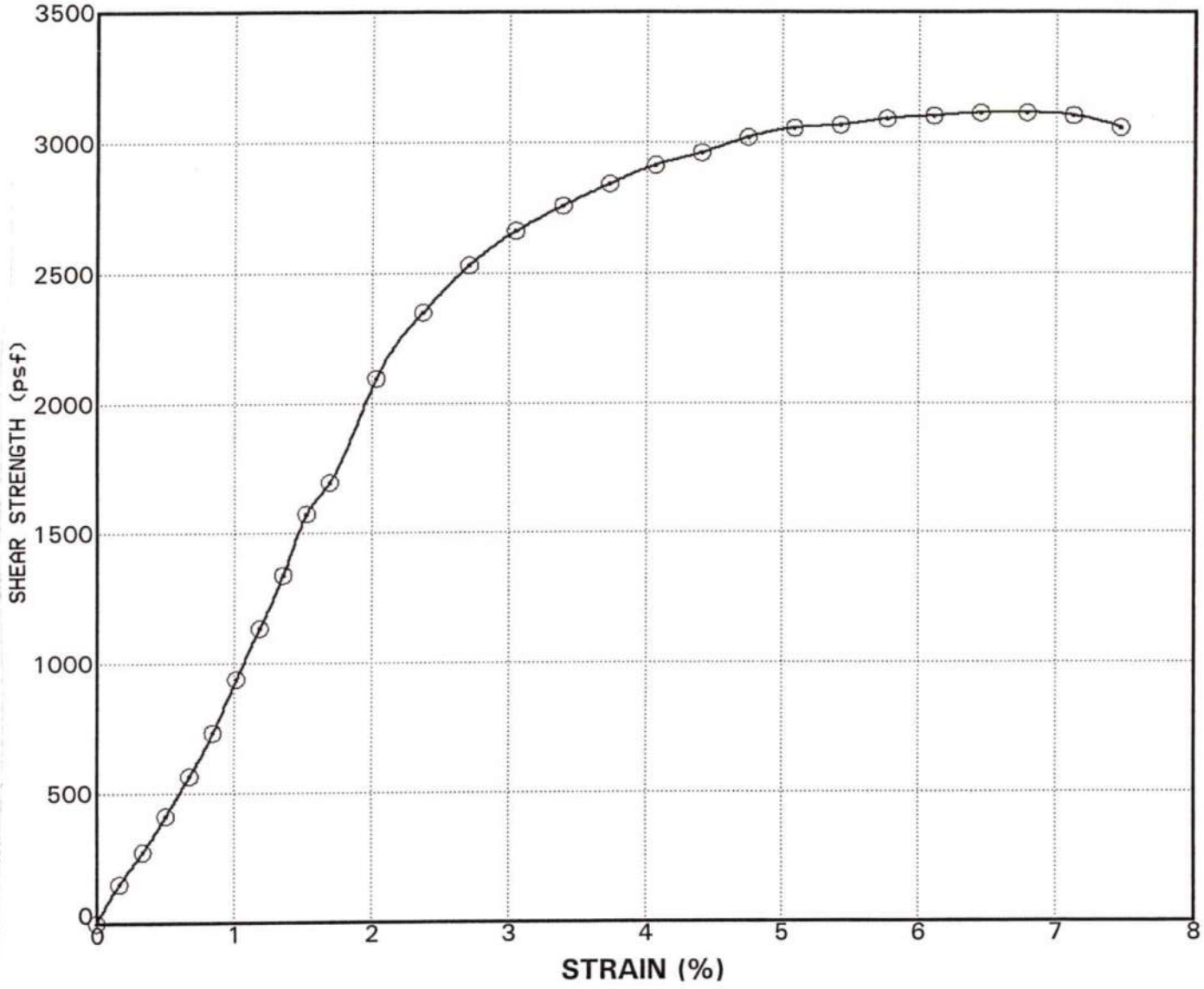
TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER

PROJECT NO. 41-00569X-001

STRENGTH TEST DATA
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ KB- 9 @ 3.0'	Brown Sandy Clay W/Gravel (CL)	UC		3111	7	129	12.3

UC = Unconfined Compression

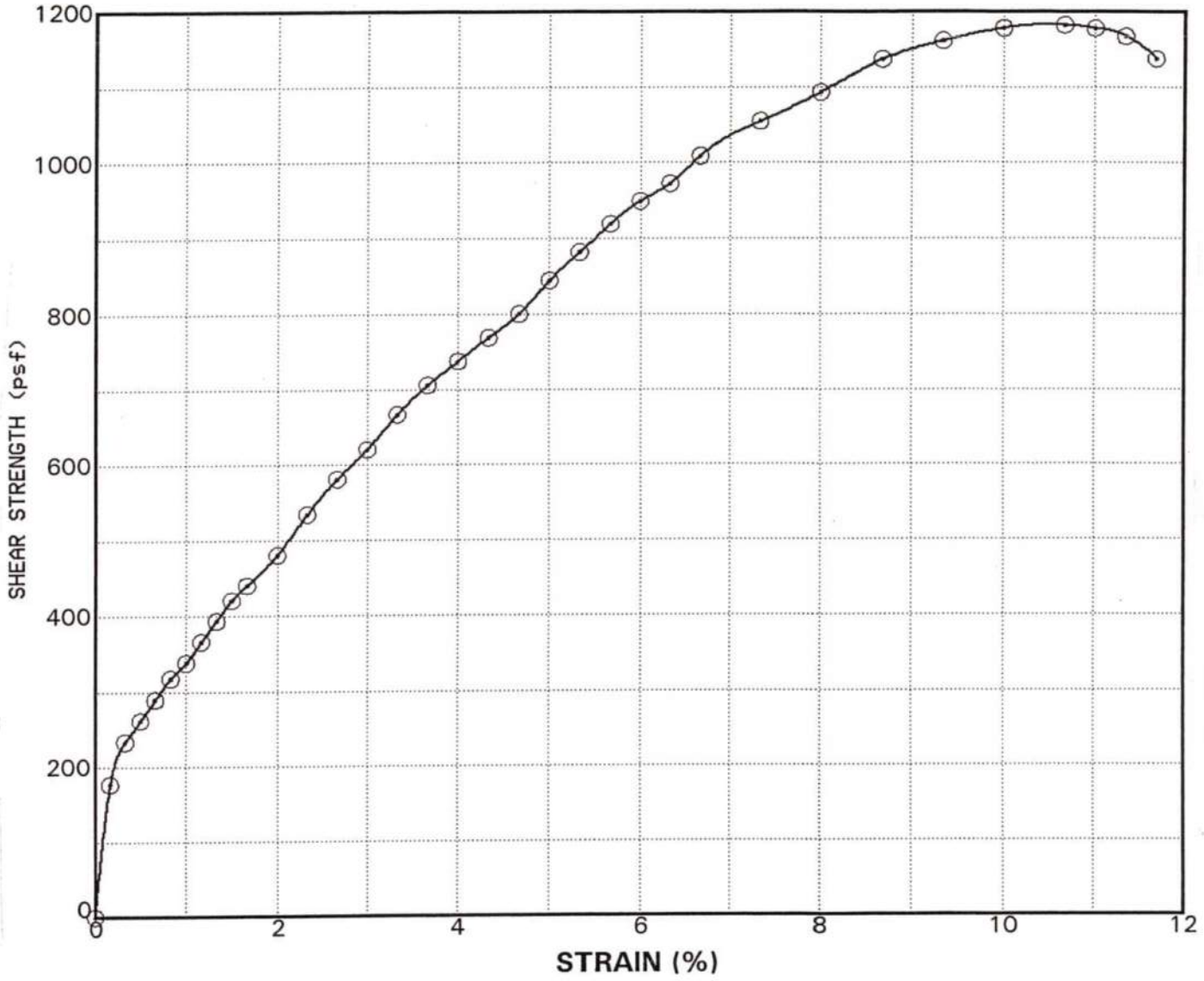
TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER

PROJECT NO. 41-00569X-001

STRENGTH TEST DATA
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ KB- 9 @ 65.0'	Light Brown Clayey Sand (SC)	TX/UU	3600	1181	11	117	15.6

UC = Unconfined Compression

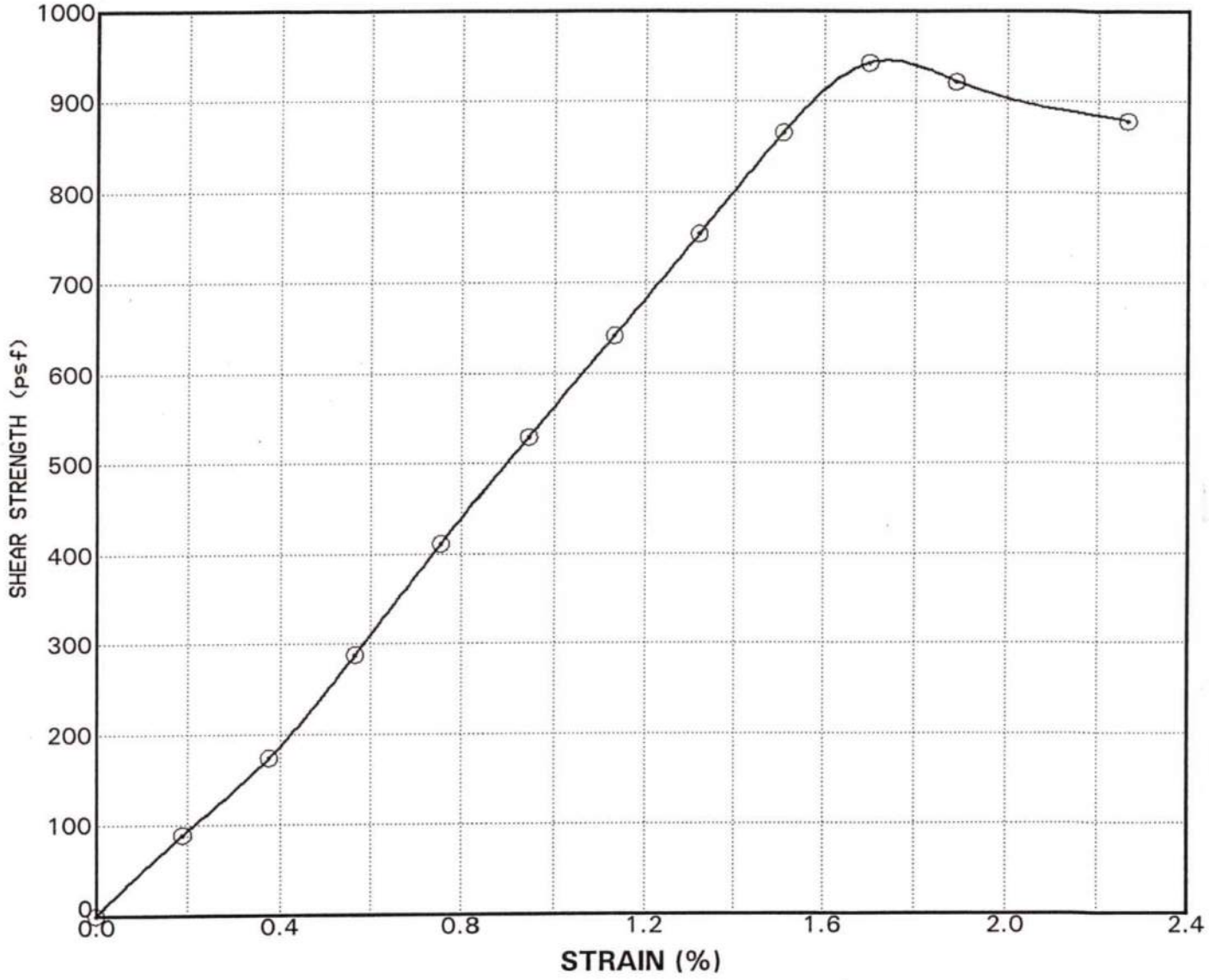
TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER

PROJECT NO. 41-00569X-001

STRENGTH TEST DATA
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ KB-10 @ 55.5'	Brown Clayey Sand W/Gravel (SC)	UC		942	2	122	15.5

UC = Unconfined Compression

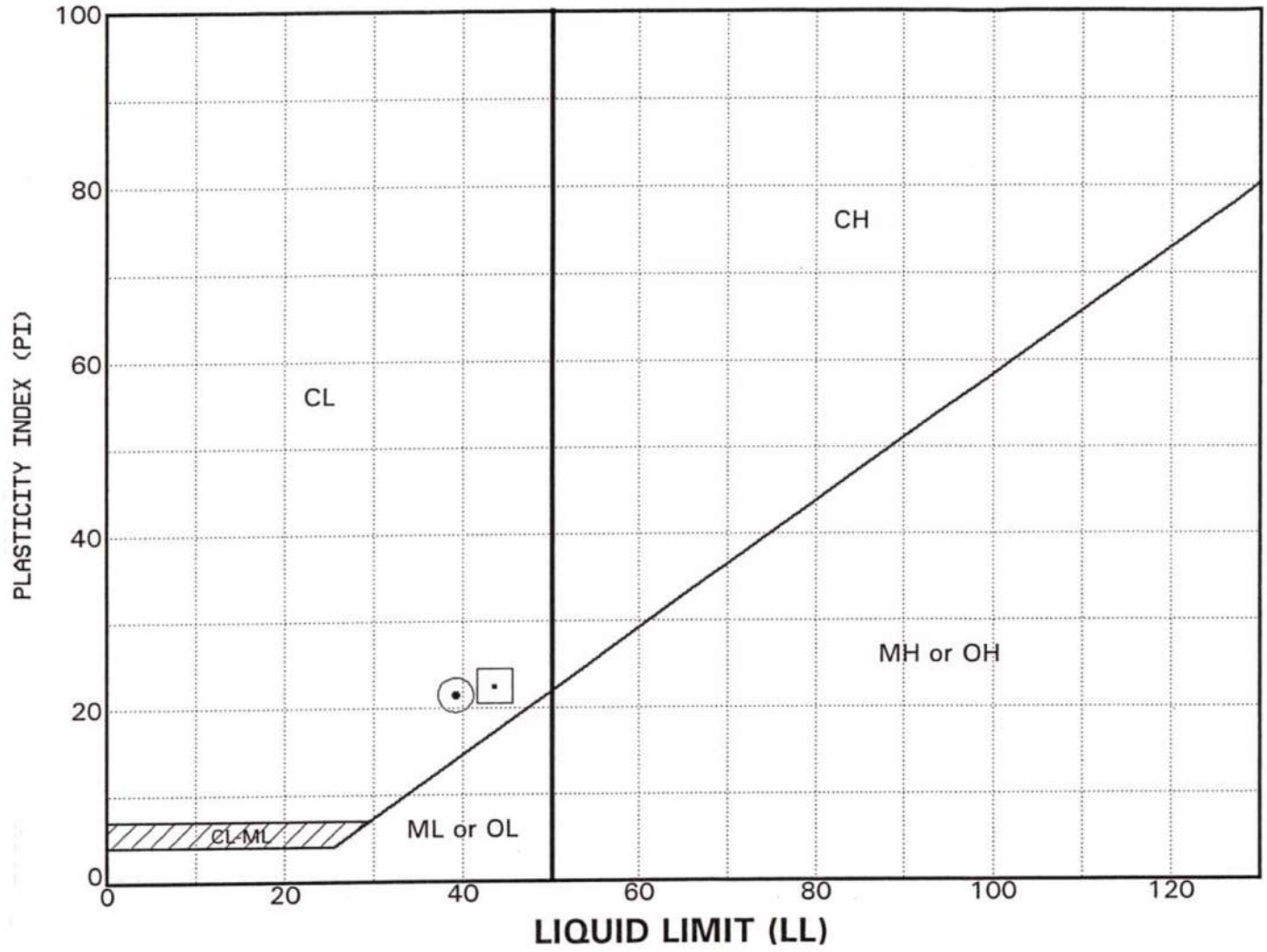
TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER

PROJECT NO. 41-00569X-001

STRENGTH TEST DATA
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE



SAMPLE SOURCE	CLASSIFICATION	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	PLASTICITY INDEX (%)	% PASSING #200 SIEVE
⊙ KB- 1 @ 2.0'	Olive Clayey Sand W/Gravel (SC)	39	18	21	
⊡ KB- 9 @ 3.0'	Brown Sandy Clay W/Gravel (CL)	44	21	23	

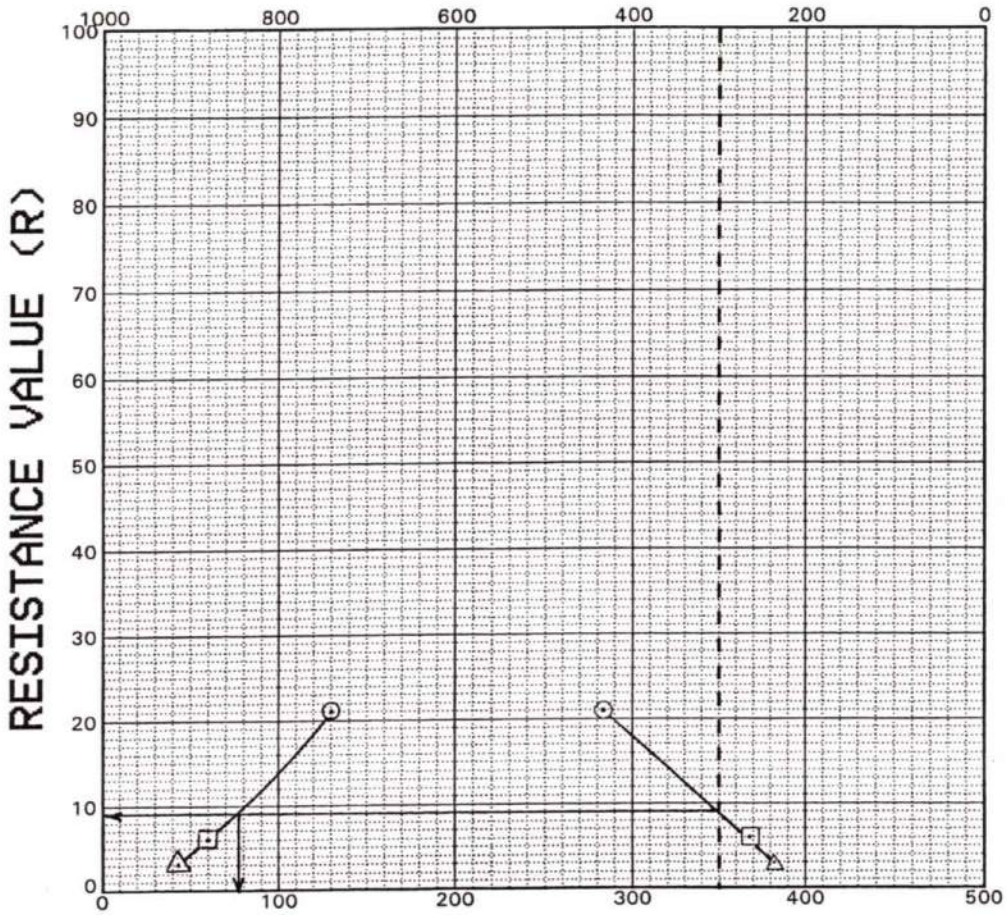
KLEINFELDER

PROJECT NO. 41-00569X-001

PLASTICITY CHART
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

EXUDATION PRESSURE (psi)



SPECIMEN NO.	⊙	⊡	△
MOISTURE CONTENT (%)	11.2	11.6	12.0
DRY DENSITY (PCF)	128	126	125
EXUDATION PRESSURE (PSI)	433	264	236
EXPANSION PRESSURE (PSF)	130	60	43
RESISTANCE VALUE (R)	21	6	3

SAMPLE SOURCE	CLASSIFICATION	SAND EQUIVALENT	EXPANSION PRESSURE	R-VALUE
KB- 1 @ 2.00	Olive Clayey Sand W/Gravel (SC)		78	9

ASTM D 2844, Cal Test 301

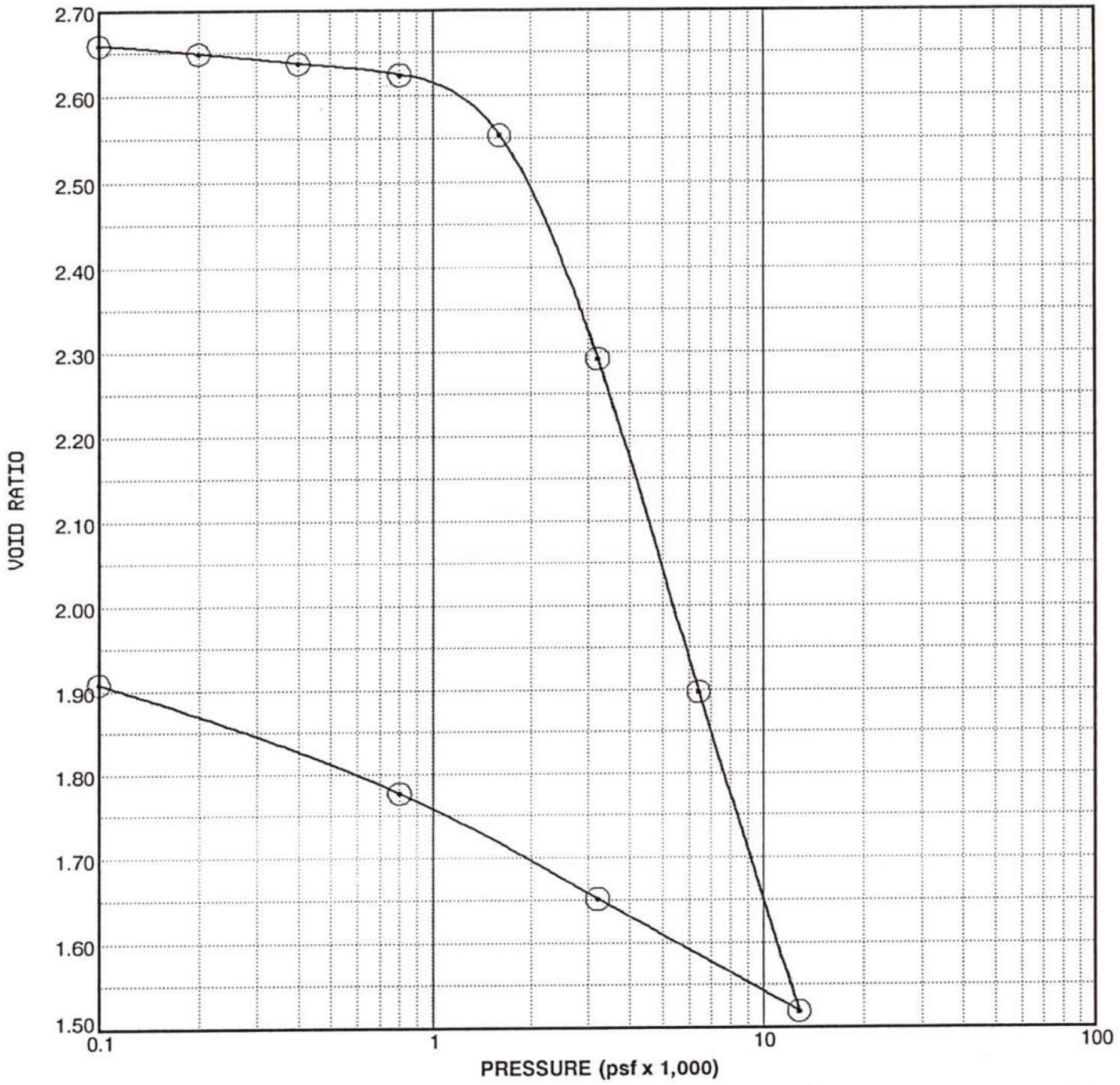
KLEINFELDER

PROJECT NO. 41-00569X-001

RESISTANCE VALUE TEST DATA
COSTCO WHOLESALE
300 Vintage Way
Novato, California

PLATE

VOID RATIO - PRESSURE CURVE



Reference: ASTM D 2435

Type of specimen			Before Test				After Test		
Diameter (in.) **2.43**	Height (in.) **0.80**		Moisture Content	wo	**98.6**	%	wf	**71.3**	%
Overburden Press., Po		psf	Void Ratio	eo	**2.672**		ef	**1.909**	
Preconsol Press., Pc		psf	Saturation	So	**99**	%	Sf	**100**	%
Compression Index, Cc			Dry Density	d	**45**	pcf	d	**57**	pcf
LL	PL		PI			Gs **2.67**			
Class: **Dark Grey Clay (CH)**			Source: **B-1 @ 23.0'**						

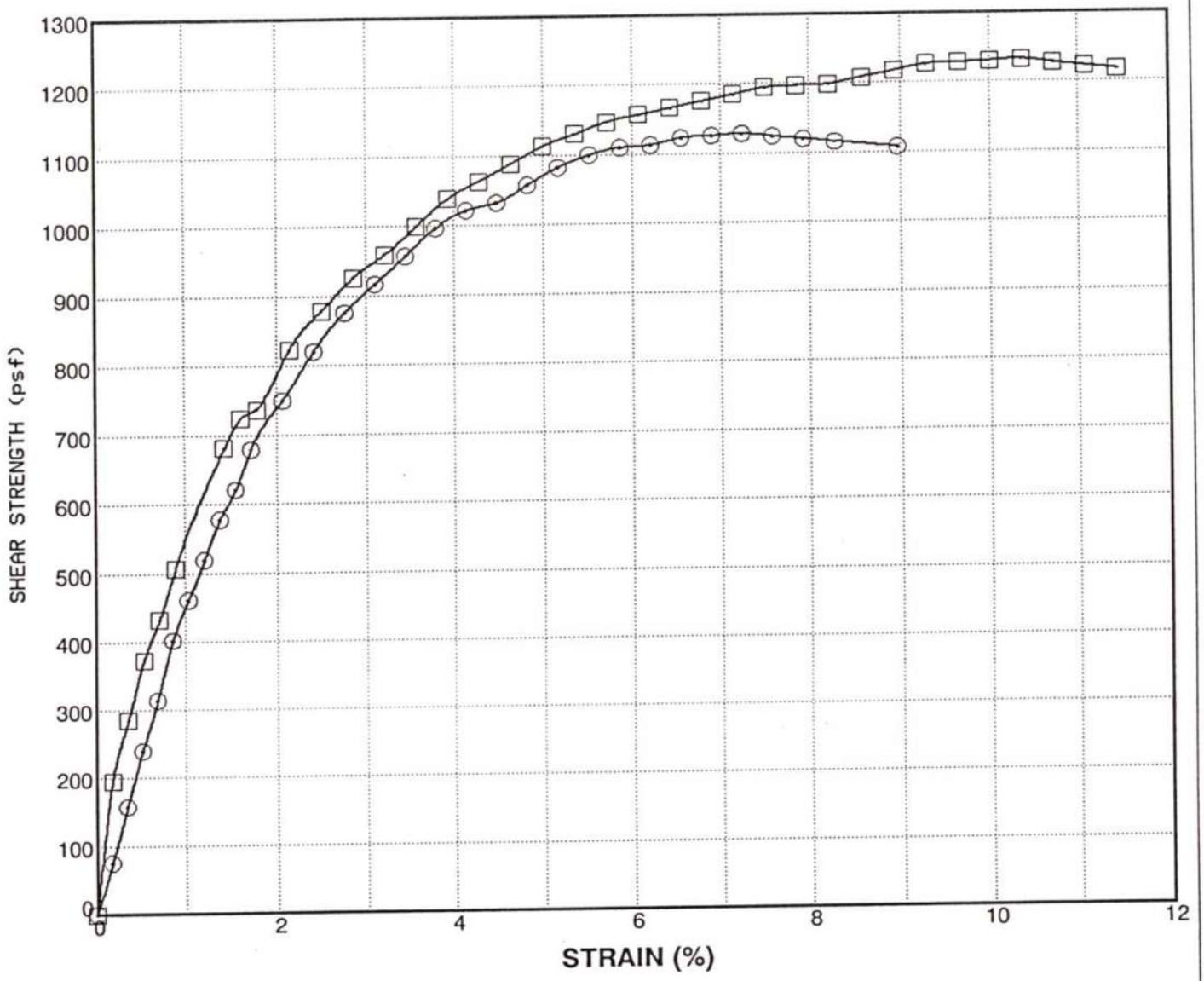
KLEINFELDER
Geotechnical, Materials and Environmental Engineering

Job No: 41-7215-01
Job Id: COSTC
Appr:
Drwn: LTS
Date: JAN 1996

CONSOLIDATION TEST DATA

COSTCO WHOLESALE ADDITION
VINTAGE OAKS AT NOVATO
NOVATO, CALIFORNIA

PLATE



Sample Source	Classification	Type of Test	Confinement Pressure (psf)	Ultimate Strength (psf)	Strain (%)	Dry Density (pcf)	Moisture Content (%)
⊙ B-1 @ 12.0'	Grey Sandy Clay (CH)	TX/UU	1200	1128	7	80	39.0
⊡ B-2 @ 17.0'	Grey Sandy Clay (CH)	TX/UU	1500	1231	10	64	58.4

UC = Unconfined Compression

TX/UU = Unconsolidated Undrained Triaxial

KLEINFELDER

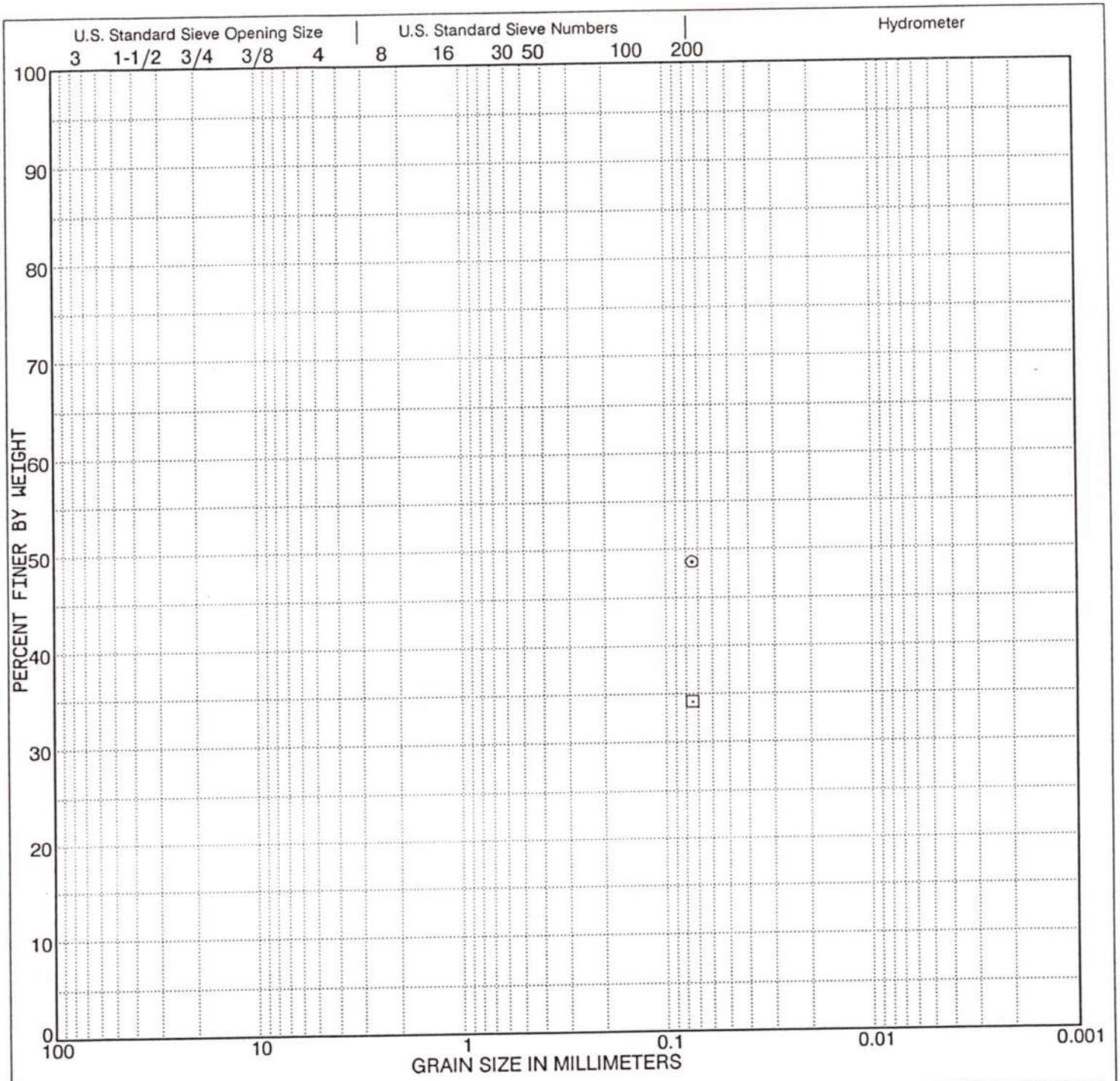
Geotechnical, Materials and Environmental Engineering

PROJECT NUMBER 41-7215-01 DATE JAN 1996

STRENGTH TEST DATA

COSTCO WHOLESALE ADDITION
VINTAGE OAKS AT NOVATO
NOVATO, CALIFORNIA

PLATE



Cobbles	GRAVEL		SAND			SILT	CLAY
	COARSE	FINE	COARSE	MEDIUM	FINE		

SYMBOL	SAMPLE SOURCE	CLASSIFICATION
⊙	Boring B-1 @ 30.0'	Grey Clayey Sand (SC)
⊡	Boring B-1 @ 35.0'	Olive Clayey Sand (SC)

KLEINFELDER
Geotechnical, Materials and Environmental Engineering

PROJECT NUMBER 41-7215-01 DATE JAN 1996

PARTICLE SIZE ANALYSIS

COSTCO WHOLESALE ADDITION
VINTAGE OAKS AT NOVATO
NOVATO, CALIFORNIA

PLATE

Appendix J

Fuel Consumption Calculations

Costco Fuel Center Project

Last Updated: February 6, 2025

Compression-Ignition Engine Brake-Specific Fuel Consumption (BSFC) Factors **[1]**:

HP: 0 to 100	0.0588	HP: Greater than 100	0.0529

Values above are expressed in gallons per horsepower-hour/BSFC.

CONSTRUCTION EQUIPMENT

Construction Equipment	#	Hours per Day	Horsepower	Load Factor	Construction Phase	Fuel Used (gallons)
Tractors/Loaders/Backhoes	3	8	84	0.37	Demolition Phase	921
Rubber Tired Dozers	1	8	367	0.40	Demolition Phase	1,304
Concrete/Industrial Saws	1	8	33	0.73	Demolition Phase	238
Excavators	1	8	36	0.38	Demolition Phase	135
Cranes	1	6	367	0.29	Building Construction Phase	1,519
Forklifts	1	6	82	0.20	Building Construction Phase	260
Generator Sets	1	8	14	0.74	Building Construction Phase	219
Tractors/Loaders/Backhoes	1	6	84	0.37	Building Construction Phase	493
Welders	3	8	46	0.45	Building Construction Phase	1,314
Tractors/Loaders/Backhoes	1	8	84	0.37	Paving Phase	292
Pavers	1	6	81	0.42	Paving Phase	240
Paving Equipment	1	8	89	0.36	Paving Phase	301
Rollers	1	7	36	0.38	Paving Phase	113
Cement and Mortar Mixers	1	6	10	0.56	Paving Phase	39
Air Compressors	1	6	37	0.48	Architectural Coating Phase	63
					Total Fuel Used	**7,450 (Gallons)**

Construction Phase	Days of Operation
Demolition Phase	21
Building Construction Phase	45
Paving Phase	20
Architectural Coating Phase	10
Total Days	96

WORKER TRIPS

Constuction Phase	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
Demolition Phase	25.0	15.0	11.7	147.4
Building Construction Phase	25.0	16.0	11.7	337.0
Paving Phase	25.0	12.5	11.7	117.0
Architectural Coating Phase	25.0	4.0	11.7	18.7
		Total		**620.1**

HAULING AND VENDOR TRIPS

Trip Class	MPG [2]	Trips	Trip Length (miles)	Fuel Used (gallons)
HAULING TRIPS				
Demolition Phase	6.8	61.0	20.0	179.4
Building Construction Phase	6.8	0.0	20.0	0.0
Paving Phase	6.8	0.0	20.0	0.0
Architectural Coating Phase	6.8	0.0	20.0	0.0
		Total		**179.4**
VENDOR TRIPS				
Demolition Phase	6.8	0.0	8.4	0.0
Building Construction Phase	6.8	2.0	8.4	111.2
Paving Phase	6.8	4.0	8.4	98.8
Architectural Coating Phase	6.8	0.0	8.4	0.0
		Total		**210.0**

Total Gasoline Consumption (gallons)	**620**
BTU/gallon	109,786
BTU	68,078,299
MMBTU	68
Total Diesel Consumption (gallons)	**7,840**
BTU/gallon	127,460
BTU	999,240,902
MMBTU	999
Total Fuel Consumption (gallons)	**8,460**
Total MMBTU	1,067

Sources:

[1] United States Environmental Protection Agency. 2021. *Exhaust and Crankcase Emission Factors for Nonroad Compression-Ignition Engines in MOVES3.0.2* . September. Available at: https://www.epa.gov/system/files/documents/2021-08/420r21021.pdf.

[2] United States Department of Transportation, Bureau of Transportation Statistics. 2021. National Transportation Statistics. Available at: https://www.bts.gov/topics/national-transportation-statistics.

Costco Fuel Center Project

Last Updated: February 6, 2025

Populate one of the following tables (Leave the other blank):

Annual VMT		OR	Daily Vehicle Trips	
Annual VMT (Passenger):	-256,230		Daily Vehicle Trips:	
Annual VMT (Trucks):	131,400		Average Trip Distance:	

Passenger Vehicles Only

Fleet Class	Fleet Mix
Light Duty Auto (LDA)	59.502804
Light Duty Truck 1 (LDT1)	6.320796
Light Duty Truck 2 (LDT2)	31.055272
Medium Duty Vehicle (MDV)	0.000000
Light Heavy Duty 1 (LHD1)	0.000000
Light Heavy Duty 2 (LHD2)	0.000000
Medium Heavy Duty (MHD)	0.000000
Heavy Heavy Duty (HHD)	0.000000
Other Bus (OBUS)	0.000000
Urban Bus (UBUS)	0.000000
Motorcycle (MCY)	3.233967
School Bus (SBUS)	0.000000
Motorhome (MH)	0.000000

Fuel Economy (MPG) [1]	
Passenger Vehicles	25.0
Light-Med Duty Trucks	17.9
Heavy Trucks/Other	6.8
Motorcycles	44.0

Truck Only

Fleet Class	Fleet Mix
Heavy Heavy Duty (HHD)	100.000000

Fleet Mix

Vehicle Type	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	*Gasoline*	-15,246,404	0.00	-609,856
Light-Medium Duty Trucks	*Gasoline*	-9,576,870	0.00	-535,021
Heavy Trucks/Other	*Diesel*	13,140,000	0.00	1,932,353
Motorcycle	*Gasoline*	-828,639	0.00	-18,833

Fuel Consumption from Idling

Vehicle Type	gallons /mile*	Miles/hr	hrs/day**	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	*0.13100*	*5.00*	233	1164.12	152
Heavy Trucks/Other	*0.33692*	*5.00*	2	10.00	3

*Taken from EMFAC2021 for 5 MPH speed

**Taken from Modeling Emissions Assumptions and Calculations

Total Gasoline Consumption (gallons)	**-1,163,557**
Total Diesel Consumption (gallons)	**1,932,356**

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2021. National Transportation Statistics. Available at: https://www.bts.gov/topics/national-transportation-statistics.

Appendix K

Stormwater Control Plan

Stormwater Control Plan
For
Costco Novato Fuel Center

April 10, 2020

For:

Costco Wholesale Corporation

Prepared by:

Kier & Wright
Jared Meredith, P.E.
(916) 970-5784
jmeredith@kierwright.com

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Attachments

Stormwater Control Plan Exhibit

This Stormwater Control Plan was prepared using the template dated October 2018.

I. Project Data

Table 1. Project Data Form

Project Name/Number	Costco Novato Fuel Center
Application Submittal Date	4/10/2020
Project Location	300 Vintage Way, Novato CA
Project Phase No.	NA
Project Type and Description	Costco fuel center with associated utilities and bio-retention areas
Total Project Site Area (acres)	Total site- 9.7 acres, Project area-1.6 acres
Total New and Replaced Impervious Surface Area	44,711 square feet
Total Pre-Project Impervious Surface Area	62,061 square feet
Total Post-Project Impervious Surface Area	60,265 square feet

II. Setting

II.A. Project Location and Description

The project site for the fueling facility includes the southern portion of the existing Costco parking area at 300 Vintage way. Costco is seeking a Design Review and Use Permit to allow for the development of a new fueling facility as part of the overall Costco development. The project includes a 9,761-square-foot fuel canopy, the installation of fourteen (14) new multi-product dispensers (MPDs), three (3) 40,000-gallon underground storage tanks (USTs), one (1) 1,500-gallon UST, a controller enclosure, vapor processer unit and associated site improvements. The intent of the fuel facility is to provide an efficient and convenient fuel purchasing experience for Costco members.

II.B. Existing Site Features and Conditions

The existing project area is part of the existing parking lot. The existing project area is nearly all impervious pavement with some landscaping planters dispersed throughout. The drainage from this area drains directly to the storm drain system and does not utilize any low impact development strategies.

II.C. Opportunities and Constraints for Stormwater Control

Opportunities for stormwater control elements include bioretention areas tha can be implemented utilizing the large landscape areas being provided along Vintage way. Site constraints is the existing site topography that slopes away from Vintage way such that we cannot surface drain into the proposed bioretention areas.

III. Low Impact Development Design Strategies

III.A. Optimization of Site Layout

The site has been designed so that the fuel center impacts the least amount of existing site area. A majority of the landscape areas are adjacent to Vintage Way.

III.B. Use of Permeable Pavements

The site will be primarily paved with asphalt with minor areas utilizing concrete. Permeable pavements are not being considered at this time.

III.C. Dispersal of Runoff to Pervious Areas

Runoff is being dispersed into landscape areas. Existing topography does not provide for all surface runoff to the landscape areas so we are utilizing drain pipes with bubblers and a pump that will convey stormwater quality flows to the landscape areas. Nearly all runoff from the site drains to the pervious bioretention areas.

III.D. Stormwater Control Measures

Runoff from new impervious areas on the site, including roofs and paved areas, will be routed to two bioretention facilities (see Exhibit). The facilities are designed to the criteria in the BASMAA Post-Construction Manual (January 2019), including the following features:

- Surrounded by a concrete curb. Where adjacent to pavement, curbs will be thickened and an impermeable vertical cutoff wall will be included
- Each layer built flat, level, and to the elevations specified in the plans:
  - Bottom of Gravel Layer (BGL)
  - Top of Gravel Layer (TGL)
  - Top of Soil Layer (TSL)
  - Overflow Grate
  - Facility Rim

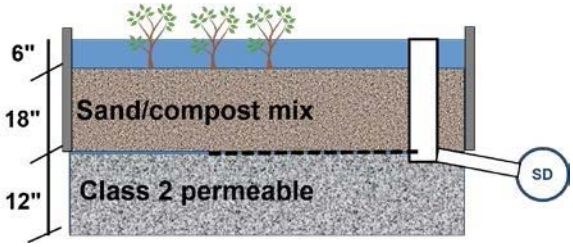


Figure 3. Bioretention Cross-Section (schematic)

- 12 inches of Class 2 permeable, Caltrans specification 68-2.02F(3)
- 18 inches sand/compost mix meeting BASMAA specifications
- 4 in. dia. PVC SDR 35 perforated pipe underdrain, installed with the invert at the top of the Class 2 permeable layer with holes facing down, and connected to the overflow structure at that same elevation
- 6-inch-deep reservoir between top of soil elevation and overflow grate elevation
- Concrete drop inlet with frame overflow structure, with grate set to specified elevation, connected to storm drain to be installed off-site as part of the Napa Pipe project.
- Vertical cutoff walls to protect adjacent pavement
- Plantings selected for water conservation
- Irrigation system on a separate zone, with drip emitters and "smart" irrigation controllers
- Sign identifying the facility as a stormwater treatment facility.

The only areas on the site which do not drain to a bioretention facility on-site are near the driveway entrance at the southwest corner of the site onto Vintage Way. The size of the uncaptured driveway area has been minimized as much as possible.

IV. Documentation of Drainage Design

IV.A. Descriptions of Each Drainage Management Area

IV.A.1. Table 2 - Drainage Management Areas

DMA Name	Surface Type	Area (square feet)
DMA 1	Roof	10,255
DMA 2	Landscape	1,478
DMA 3	Pavement	12,588
DMA 4	Roof and Pavement	459
DMA 5	Landscape	1,051
DMA 6	Landscape	4,010
DMA 7	Pavement	16,999
DMA 8	Landscape	342
DMA 9	Concrete Fuel Apron	12,936
DMA 10	Pavement	1,729

IV.A.2. Drainage Management Area Descriptions

DMA 1, totaling 10,255 square feet, is the fuel canopy that is piped to Bioretention Area #1.

DMA 2, totaling 1,478 square feet, is the landscape area that drains into Bioretention Area #1

DMA 3, totaling 12,588 square feet, is the paved areas that are collected into a drain system with pump that will be designed to convey stormwater quality flows into Bioretention Area #1.

DMA 4, totaling 459 square feet, is the control center areas that are collected into a drain system with pump that will be designed to convey stormwater quality flows into Bioretention Area #1

DMA 5, totaling 10,051 square feet, is the landscape area that are collected into a drain system with pump that will be designed to convey stormwater quality flows into Bioretention Area #1

DMA 6, totaling 4,010 square feet, is the landscape area that drains into Bioretention Area #2

DMA 7, totaling 16,999 square feet, is the paving area that drains into Bioretention Area #2

DMA 8, totaling 342 square feet, is the landscape area that drains into Bioretention Area #2

DMA 9, totaling 12,936 square feet, is the concrete fuel apron area that drains into the oil water separator and then into the sewer system. The fuel apron area is covered by a canopy (DMA 1).

DMA 10, totaling 1,729 square feet, is the pavement area that surface drains out of the project area untreated.

IV.B. Tabulation and Sizing Calculations

See attached spreadsheet. The project does not include any self-treating or self-retaining areas.

IV.B.1. Table 3 - Areas Draining to Bioretention Facilities

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Required Bioretention Surface Area (SF) *	Provided Bioretention Surface Area (SF)	Facility Name: Bioretention Area #1
01	10,255	Roof	1.0	10,255	410	-	
02	1,478	Landscape	0.1	148	6	-	
03	12,588	Paving	1.0	12,588	504	-	
04	459	Paving	1.0	459	18	-	
05	1,051	Landscape	0.1	105	4	-	
TOTAL	14,098			23,555	942	950	

* The required area for each bioretention facility is found by summing up the contributions of each tributary DMA - adjusted using the runoff factors in Table 4-1 of the BASMAA Post-Construction Manual - and multiplying by a sizing factor of 0.04. This sizing method is being utilized per the direction of the BASMAA Post-Construction Manual, which provides design guidance for Stormwater Treatment and Control for projects in Marin County.

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Required Bioretention Surface Area (SF) *	Provided Bioretention Surface Area (SF)	Facility Name: Bioretention Area #2
06	4,010	Landscape	0.1	401	16	-	
07	16,999	Paving	1.0	16,999	680	-	
08	342	Landscape	0.1	34	1	-	
TOTAL	21,351			17,434	697	700	

* The required area for each bioretention facility is found by summing up the contributions of each tributary DMA - adjusted using the runoff factors in Table 4-1 of the BASMAA Post-Construction Manual - and multiplying by a sizing factor of 0.04. This sizing method is being utilized per the direction of the BASMAA Post-Construction Manual, which provides design guidance for Stormwater Treatment and Control for projects in Marin County.

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Facility Name: Oil/Water Separator
09	12,936	Paving	1.0	12,936	DMA 09 drains to Sanitary Sewer and is treated by an oil/water separator. 10,255 SF of DMA 09 is covered by a canopy, which drains to the Storm Drain System.
TOTAL	12,936			12,936	

Per guidance from Section SC-20 of the CASQA Stormwater Best Management Practice Handbook, all runoff from the fueling area is collected and conveyed through an oil/water separator and connected to the existing sanitary sewer system existing on-site, which drains to the public sanitary sewer system off-site.

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Required Bioretention Surface Area (SF) *	Provided Bioretention Surface Area (SF)	Facility Name: Untreated
10	1,729	Paving	1.0	1,729	69	-	
TOTAL	1,729			1,729	69	-	

* The required area for each bioretention facility is found by summing up the contributions of each tributary DMA - adjusted using the runoff factors in Table 4-1 of the BASMAA Post-Construction Manual - and multiplying by a sizing factor of 0.04. This sizing method is being utilized per the direction of the BASMAA Post-Construction Manual, which provides design guidance for Stormwater Treatment and Control for projects in Marin County.

V. Source Control Measures

V.A. Site activities and potential sources of pollutants

On-site activities that could potentially produce stormwater pollutants include:

V.B. Table 4 – Source Control Table

Potential source of runoff pollutants	**Permanent source control BMPs**	**Operational source control BMPs**
On-site storm drain inlets	All inlets will be marked with "No Dumping! Flows to Local Waterways" or similar	Maintain and periodically repaint or replace inlet markings. Provide stormwater pollution prevention information to new site owners, lessees, or operators Lease agreements will include the following provision: "Tenant shall not allow anyone to discharge anything to storm drains or to store or deposit materials so as to create a potential discharge to storm drains."
Indoor and structural pest control		Inspect and maintain drains to prevent blockages and overflow.
Landscape maintenance	Landscaping will minimize irrigation and runoff and be selected for pest resistance, and will minimize the need for fertilizers and pesticides. Plants will be selected appropriate to site soils, slopes, climate, sun, wind rain, land use, air movement, ecological consistency, and plant interactions.	Landscaping will be maintained using minimum or no pesticides. IPM information will be provided to new owners, lessees, and operators.

Potential source of runoff pollutants	Permanent source control BMPs	Operational source control BMPs
Fuel Dispensing Areas	Fueling areas have impermeable floors that are graded at the minimum slope necessary to prevent ponding. This area is separated from the rest of the site by a grade break that prevents run-on of stormwater. The fueling area is covered by a canopy that extends the area within the grade break. The canopy does not drain into the fueling area.	The property owner shall dry sweep the fueling area routinely.
Plazas, sidewalks, and parking lots		Plazas, sidewalks and parking lots will be regularly swept to prevent accumulation of litter and debris. Debris from pressure washing will be collected to prevent entry to storm drain system. Washwater containing any cleaning agent or degreaser will be collected and discharged into the sanitary sewer and NOT storm drain.

VI. Stormwater Facility Maintenance

VI.A. Ownership and Responsibility for Maintenance in Perpetuity

Maintenance of stormwater facilities will be the responsibility of the property owner and will be performed by the owner's contractors or employees as part of routine maintenance of buildings, grounds, and landscaping. The applicant will review the standard agreement regarding the maintenance of stormwater facilities and commits to execute any necessary agreements prior to completion of construction. Applicant accepts responsibility for interim operation and maintenance of stormwater treatment and flow-control facilities until such time as this responsibility is formally transferred to a subsequent owner.

VI.B. Summary of Maintenance Requirements for Each Stormwater Facility

The two bioretention facilities will be maintained on the following schedule at a minimum. Details of maintenance responsibilities and procedures will be included in a Stormwater Facility Operation and Maintenance Plan to be submitted for approval prior to the completion of construction.

At no time will synthetic pesticides or fertilizers be applied, nor will any soil amendments, other than aged compost mulch or sand/compost mix, be introduced.

Daily: The facilities will be examined for visible trash during regular policing of the site, and trash will be removed.

After Significant Rain Events: A significant rain event is one that produces approximately a half-inch or more rainfall in a 24-hour period. Within 24 hours after each such event, the following will be conducted:

The surface of the facility will be observed to confirm there is no ponding.

Inlets will be inspected, and any accumulations of trash or debris will be removed.

The surface of the mulch layer will be inspected for movement of material. Mulch will be replaced and raked smooth if needed.

Prior to the Start of the Rainy Season: In September or each year, the facility will be inspected to confirm there is no accumulation of debris that would block flow, and that growth and spread of plantings does not block inlets or the movement of runoff across the surface of the facility.

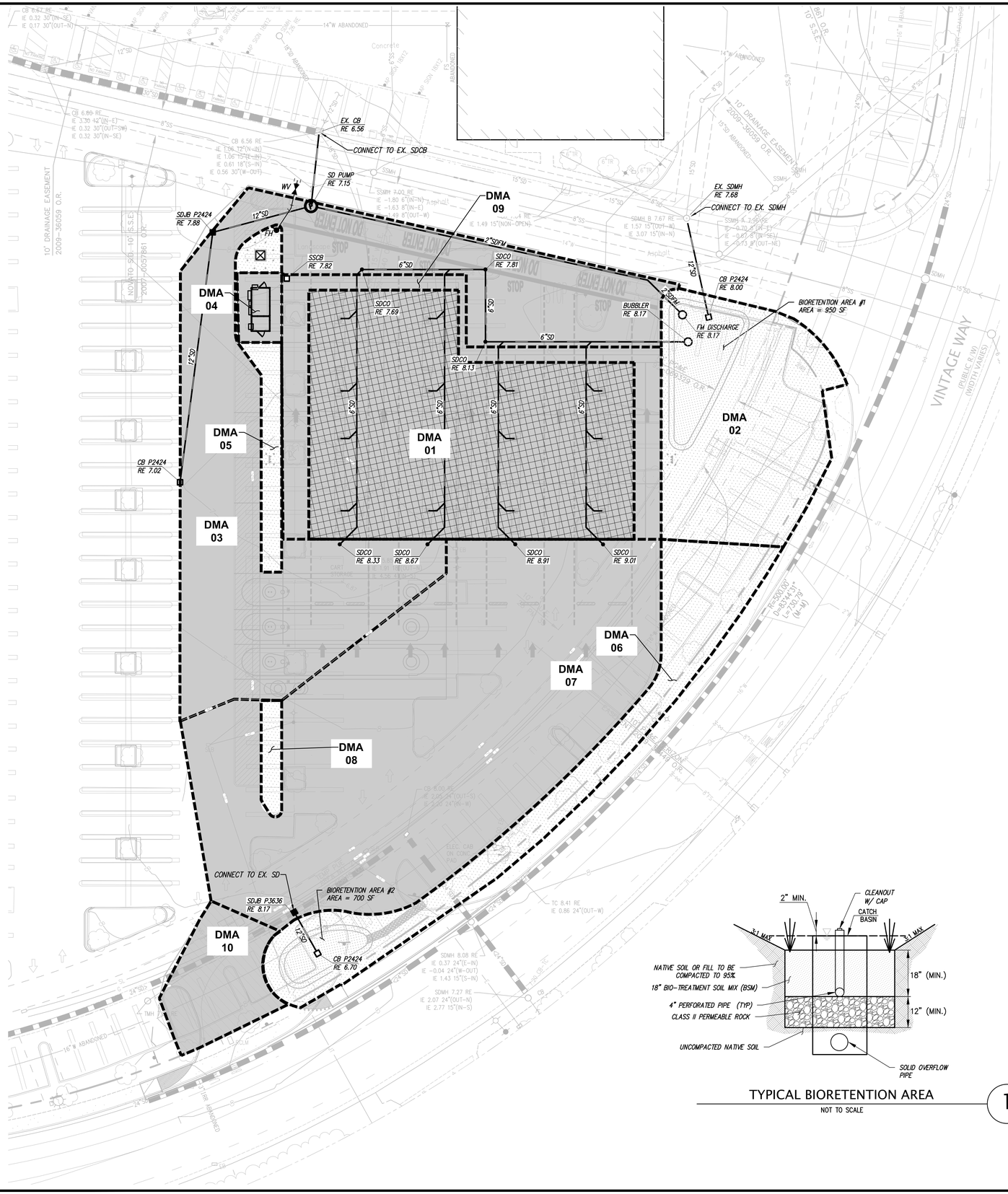
Annual Landscape Maintenance: In December – February of each year, vegetation will be cut back as needed, debris removed, and plants and mulch replaced as needed. The concrete work will be inspected for damage. The elevation of the top of soil and mulch layer will be confirmed to be consistent with the 6-inch reservoir depth.

VII. Construction Checklist

Stormwater Control Plan Page #	Source Control or Treatment Control Measure	See Plan Sheet #s
4-5	Bioretention Areas	C5
6	All catch basins are marked with "No Dumping" message	
6	Landscaping will minimize irrigation, runoff, fertilizers and pesticides.	
6	Fueling areas will be designed to not allow any run-on. Canopy will be designed as specified.	C3

VIII. Certifications

The preliminary design of stormwater treatment facilities and other stormwater pollution control measures in this plan are in accordance with the current edition of the BASMAA *Post-Construction Manual*.



TYPICAL BIORETENTION AREA

NOT TO SCALE

1

NORTH

0 10 20 40 60

Scale 1" = 20'

LEGEND

- TRIBUTARY AREA LIMITS
- LANDSCAPE AREA
- IMPERVIOUS ROOFTOP DRAINING TO BIO-SWALE
- IMPERVIOUS PAVEMENT DRAINING TO BIO-SWALE
- BIO-RETENTION TREATMENT AREA
- CONCRETE AREA

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Required Bioretention Surface Area (SF) *	Provided Bioretention Surface Area (SF)	Facility Name: Bioretention Area #1
01	10,255	Roof	1.0	10,255	410	-	
02	1,478	Landscape	0.1	148	6	-	
03	12,588	Paving	1.0	12,588	504	-	
04	459	Paving	1.0	459	18	-	
05	1,051	Landscape	0.1	105	4	-	
TOTAL	14,098			23,555	942	950	

* The required area for each bioretention facility is found by summing up the contributions of each tributary DMA - adjusted using the runoff factors in Table 4-1 of the BASMAA Post-Construction Manual - and multiplying by a sizing factor of 0.04. This sizing method is being utilized per the direction of the BASMAA Post-Construction Manual, which provides design guidance for Stormwater Treatment and Control for projects in Marin County.

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Required Bioretention Surface Area (SF) *	Provided Bioretention Surface Area (SF)	Facility Name: Bioretention Area #2
06	4,010	Landscape	0.1	401	16	-	
07	16,999	Paving	1.0	16,999	680	-	
08	342	Landscape	0.1	34	1	-	
TOTAL	21,351			17,434	697	700	

* The required area for each bioretention facility is found by summing up the contributions of each tributary DMA - adjusted using the runoff factors in Table 4-1 of the BASMAA Post-Construction Manual - and multiplying by a sizing factor of 0.04. This sizing method is being utilized per the direction of the BASMAA Post-Construction Manual, which provides design guidance for Stormwater Treatment and Control for projects in Marin County.

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Facility Name: Oil/Water Separator
09	12,936	Paving	1.0	12,936	DMA 09 drains to Sanitary Sewer and is treated by an oil/water separator. 10,255 SF of DMA 09 is covered by a canopy, which drains to the Storm Drain System.
TOTAL	12,936			12,936	

Per guidance from Section SC-20 of the CASQA Stormwater Best Management Practice Handbook, all runoff from the fueling area is collected and conveyed through an oil/water separator and connected to the existing sanitary sewer system existing on-site, which drains to the public sanitary sewer system off-site.

TREATMENT CONTROL SUMMARY TABLE

DMA#	DMA Area (SF)	Post-Project Surface Type	DMA Runoff Factor	DMA Area x runoff factor	Required Bioretention Surface Area (SF) *	Provided Bioretention Surface Area (SF)	Facility Name: Untreated
10	1,729	Paving	1.0	1,729	69	-	
TOTAL	1,729			1,729	69	-	

* The required area for each bioretention facility is found by summing up the contributions of each tributary DMA - adjusted using the runoff factors in Table 4-1 of the BASMAA Post-Construction Manual - and multiplying by a sizing factor of 0.04. This sizing method is being utilized per the direction of the BASMAA Post-Construction Manual, which provides design guidance for Stormwater Treatment and Control for projects in Marin County.

NO.	REVISION	BY

KIER+WRIGHT
2995 Prospect Park Drive, Ste. 100 Phone: (916) 970-5784
Rancho Cordova, CA 95670 www.kierwright.com

PRELIMINARY STORMWATER QUALITY CONTROL PLAN
OF
NOVATO COSTCO FUEL CENTER
FOR
COSTCO WHOLESALE CORPORATION
NOVATO, CALIFORNIA

DATE	APRIL, 2020
SCALE	AS SHOWN
DESIGNER	JNM
DRAWN BY	DJH
JOB NO.	97544-11
SHEET	C5.0
OF	5 SHEETS

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Appendix L

Alternative 2 Assumptions and Calculations

Novato Costco
General Assumptions

Project Characteristics

Project Location	Air District
	BAAQMD
Climate Zone	5
Urbanization	Urban
Operational Year (Buildout)	2025
Construction Year	2024
Utility Company	Pacific Gas and Electric
Address	300 Vintage Way

Project Land Use	# spaces/# Pumps	sqft	Ksf	acres	CalEEMod Use
Parking lot	62			1.15	Parking lot
Gasoline/Service Station	28	125	0.125	0.00	Gasoline/Service Station
Total				1.15	

Novato Costco
Operational Emissions

CalEEMod Defaults are assumed for modeling purposes unless specifically discussed in the Operational Assumptions below.

Mobile Sources

Vehicle Trips: 4,620 daily trips * Kittelson & Associates, Incl. Feb 2024 9240 4,620

25.1 trips per size

82.5

Total Daily Trips		*Proposed*				*Alternative 2*		
	Primary	1405				1265		
		Employee	8			Employee	8	
		Member	1385			Member	1245	
		Truck	12	0.002597403		Truck	12	0.002883922
	Diverted	1550				1405		
	Passby	1665				1491		
		4620	Total			4161	Total	104.025
		4608	gas			4149	gas	
		12	diesel			12	diesel	

Source Kittleson & Associates, Inc.. Costco Gasoline Fuel Station Addition, February 24, 2024

Proposed Fleet Mix	HHD%	LDA%	LDT1%	LDT2%	MCY%		
	0.3578	48.7198	5.0830	25.4275	2.6479	default	
		0.595028044	0.06207957	0.310552717	0.032339669	% default gas	1.0000
Proposed		59.50280437	6.207957029	31.05527174	3.233966863	Project	100.0000
Alternative 2		59.50280437	6.207957029	31.05527174	3.233966863	Project	100.0000

	Proposed	Alternative 2			
Assumes	13.50	9.3	VMT per car trp	(Kettleson)	
	30.00	30	VMT per Truck Trip	Nearest refineries	
	-702.00	1,447.00	Change in Daily Regional VMT	From Kittleson	-52 trips per day
	360	360	Daily VMT from Trucks		

Notes: Reduction in VMT modeled in main analysis. For AQ/GHG Analysis. This accounts for the regional change in emissions.
Daily VMT from trucks modeled separately in CaleeMOD
TAC analysis includes the emissions for the 1405 new trips to the site. (Modeled Separately in CalEEMod)

90.8

Novato Costco
Operational Emissions

Area Sources	CalEEMod Defaults Used			3.026666667
Energy Use				
	Natural Gas Removed			
	1,296	kWh/year	default based on building size	Not used in analysis
	36,758.63	kWh/year	default based on # of pumps	Used in Analysis
	26250.85	kWh/year	Default based on 20 pumps for Alternative 2	
Water Use	CalEEMod Defaults Used			
Solid Waste	CalEEMod Defaults Used			

0	0	1.3 MW/month

Novato Costco
Operational Mobile Emissions - Alternative 2

Mobile Emissions

	Lbs/day						MT/day	MT/year CO2e	
	ROG	NOx	CO	SO2	PM10	PM2.5			
Car	-0.78	-0.51	-4.36	-0.01	-0.96	-0.25		-153.00	From CalEEMod
Truck	0.6	5.8	3.24	0.04	1.07	0.33		692.00	From CalEEMod
Car (idle)	1.556653	0.105967	1.614155	0.003238	0.010812	0.009941	3.67E-01	133.92	
Truck (idle)	0.011842	0.136231	0.152979	0.000228	9.05E-05	8.66E-05	1.09E-02	3.96	
Total	1.388495	5.532198	0.647133	0.033466	0.120903	0.090028		676.8791	

	Tons/year						
Car	-0.14	-0.09	-0.8	-0.005	-0.17	-0.04	From CalEEMod
Truck	0.11	1.06	0.59	0.01	0.19	0.06	From CalEEMod
Car (idle)	0.284089	0.019339	0.294583	0.000591	0.001973	0.001814	
Truck (idle)	0.002161	0.024862	0.027919	4.16E-05	1.65E-05	1.58E-05	
Total	0.25625	1.014201	0.112502	0.005633	0.02199	0.02183	

Member Vehicle Queuing

3557.9134	queuing minutes per day (Kettleson via Rambol)	2.857762 min/vehicle
17	hours per day operation	
209.28902	hours per day of queuing emissions	
1245	Number of Vehicle Members	

Emission Rates

Idle emissions based on RunEx (EMFAC2021)

	NOx	CO	SO2	PM10	PM2.5	ROG	Total	CO2	CH4
gr/hr	0.229673	3.498523	0.007018	0.023434	0.021547	0.229673		1751.909	0.041077
gr/min	0.003828								
gr/day	48.06805	732.2025	1.468721	4.904544	4.509547	48.06805		366655.2	8.596882
lbs/day	0.105967	1.614155	0.003238	0.010812	0.009941	0.105967			
MT/day								3.67E-01	8.60E-06
GWP								1	28
CO2e							3.67E-01	3.67E-01	2.41E-04

HotSoak (CalEEMod)

	ROG
gr/trip	0.095954
trips/day	6,858
gr/day	658.0505
lbs/day	1.450686

Novato Costco
Operational Mobile Emissions - Alternative 2

Fuel Delivery Truck Idling

10 minutes idling
12 trucks per day
120 minutes per day
2 hours per day

Emission Rates

Idle emissions based on RunEx (EMFAC2021)

	NOx	CO	SO2	PM10	PM2.5	ROG	Total	CO2	CH4
gr/hr	30.8981	34.69656	0.051752	0.020536	0.019647	2.685895		5424.46	0.109987
gr/day	61.79621	69.39312	0.103504	0.041071	0.039294	5.371789		10848.92	0.219974
lbs/day	0.136231	0.152979	0.000228	9.05E-05	8.66E-05	0.011842			
								1.08E-02	2.20E-07
								1	28
							1.09E-02	1.08E-02	6.16E-06

Novato Costco
ROG Emissions from Fuel throughput - Alternative 2

25,560,000 gallons per year
25,560 Kgal/year

		Lbs/kgal	% vehicles		ROG/ lbs/year	
Fueling	Non ORVR	0.42	20	8.4		
	ORVR	0.021	80	1.68		
	Weighted	0.1008		10.08	2,576	
Transfer loss		0.15			3,834	
Driven Loss		0.024			613	
Spillage loss		0.24			6,134	
Hose Permeation		0.009			230	
					13,388	lbs/year
					6.69	tons/year
					37	lbs/day
					0.01834	tons/day

Source: https://ww2.arb.ca.gov/sites/default/files/classic/vapor/gdf-emisfactor/gdfumbrella.pdf

Appendix L

Alternative 2 CalEEMod Output

Novato Costco - Alternative 2 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Novato Costco - Alternative 2
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.60
Precipitation (days)	39.6
Location	38.08684474396162, -122.551860163085
County	Marin
City	Novato
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	909
EDFZ	2
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.25

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Gasoline/Service Station	20.0	Pump	0.06	125	6,086	0.00	—	—

Parking Lot	1.15	Acre	1.15	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.95	1.87	0.49	7.61	0.01	0.01	1.01	1.02	0.01	0.25	0.26	6.32	1,067	1,074	0.75	0.06	3.92	1,113
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.89	1.81	0.61	8.73	0.01	0.01	1.01	1.02	0.01	0.25	0.26	6.32	1,005	1,012	0.77	0.07	0.10	1,051
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.93	2.85	0.68	7.49	0.01	0.01	0.98	0.99	0.01	0.25	0.25	6.32	1,043	1,049	0.75	0.06	1.69	1,087
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.53	0.52	0.12	1.37	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	1.05	173	174	0.12	0.01	0.28	180

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.94	1.86	0.49	7.61	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	1,027	1,027	0.11	0.06	3.92	1,050
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	39.2	39.2	0.01	< 0.005	—	39.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Waste	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Total	1.95	1.87	0.49	7.61	0.01	0.01	1.01	1.02	0.01	0.25	0.26	6.32	1,067	1,074	0.75	0.06	3.92	1,113
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.88	1.79	0.61	8.73	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	965	965	0.13	0.06	0.10	987
Area	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	39.2	39.2	0.01	< 0.005	—	39.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Waste	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Total	1.89	1.81	0.61	8.73	0.01	0.01	1.01	1.02	0.01	0.25	0.26	6.32	1,005	1,012	0.77	0.07	0.10	1,051
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.92	2.84	0.68	7.49	0.01	0.01	0.98	0.99	0.01	0.25	0.25	—	1,003	1,003	0.11	0.05	1.69	1,024
Area	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.01	0.01	< 0.005	< 0.005	—	0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	39.2	39.2	0.01	< 0.005	—	39.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Waste	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Total	2.93	2.85	0.68	7.49	0.01	0.01	0.98	0.99	0.01	0.25	0.25	6.32	1,043	1,049	0.75	0.06	1.69	1,087
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.53	0.52	0.12	1.37	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	166	166	0.02	0.01	0.28	169
Area	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	6.49	6.49	< 0.005	< 0.005	—	6.55
Water	—	—	—	—	—	—	—	—	—	—	—	0.08	0.18	0.27	0.01	< 0.005	—	0.55
Waste	—	—	—	—	—	—	—	—	—	—	—	0.96	0.00	0.96	0.10	0.00	—	3.36
Total	0.53	0.52	0.12	1.37	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	1.05	173	174	0.12	0.01	0.28	180

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	1.94	1.86	0.49	7.61	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	1,027	1,027	0.11	0.06	3.92	1,050
Total	1.94	1.86	0.49	7.61	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	1,027	1,027	0.11	0.06	3.92	1,050
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	1.88	1.79	0.61	8.73	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	965	965	0.13	0.06	0.10	987
Total	1.88	1.79	0.61	8.73	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	965	965	0.13	0.06	0.10	987
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	0.53	0.52	0.12	1.37	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	166	166	0.02	0.01	0.28	169
Total	0.53	0.52	0.12	1.37	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	166	166	0.02	0.01	0.28	169

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7	< 0.005	< 0.005	—	14.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	24.5	24.5	< 0.005	< 0.005	—	24.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	39.2	39.2	0.01	< 0.005	—	39.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7	< 0.005	< 0.005	—	14.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	24.5	24.5	< 0.005	< 0.005	—	24.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	39.2	39.2	0.01	< 0.005	—	39.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	2.43	2.43	< 0.005	< 0.005	—	2.45
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	4.06	4.06	< 0.005	< 0.005	—	4.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	6.49	6.49	< 0.005	< 0.005	—	6.55

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landsca Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.08	0.18	0.27	0.01	< 0.005	—	0.55

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.08	0.18	0.27	0.01	< 0.005	—	0.55

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.96	0.00	0.96	0.10	0.00	—	3.36

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.96	0.00	0.96	0.10	0.00	—	3.36

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipme Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

Gasoline/Service Station	597	155	155	171,821	1,451	1,447	1,447	529,140
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	188	62.5	3,006

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Gasoline/Service Station	26,251	204	0.0330	0.0040	0.00
Parking Lot	43,882	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Gasoline/Service Station	265,638	50,105
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Gasoline/Service Station	10.8	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	9.57	annual days of extreme heat
Extreme Precipitation	10.8	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	7.46	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	3	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	3	1	1	3
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—

AQ-Ozone	11.6
AQ-PM	19.0
AQ-DPM	25.6
Drinking Water	5.55
Lead Risk Housing	56.0
Pesticides	0.00
Toxic Releases	27.8
Traffic	86.3
Effect Indicators	—
CleanUp Sites	29.1
Groundwater	17.2
Haz Waste Facilities/Generators	52.6
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	46.1
Cardio-vascular	35.3
Low Birth Weights	6.79
Socioeconomic Factor Indicators	—
Education	43.4
Housing	43.9
Linguistic	29.5
Poverty	16.6
Unemployment	2.29

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	77.13332478
Employed	94.72603619
Median HI	76.59437957
Education	—
Bachelor's or higher	63.58270243
High school enrollment	100
Preschool enrollment	95.7141024
Transportation	—
Auto Access	55.28037983
Active commuting	62.46631592
Social	—
2-parent households	82.45861671
Voting	96.04773515
Neighborhood	—
Alcohol availability	85.98742461
Park access	81.35506224
Retail density	58.4370589
Supermarket access	43.64172976
Tree canopy	91.63351726
Housing	—
Homeownership	84.11394842
Housing habitability	51.49493135
Low-inc homeowner severe housing cost burden	22.23790581
Low-inc renter severe housing cost burden	14.07673553
Uncrowded housing	56.87155139

Health Outcomes	—
Insured adults	48.22276402
Arthritis	0.0
Asthma ER Admissions	55.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	80.6
Cognitively Disabled	64.4
Physically Disabled	71.5
Heart Attack ER Admissions	66.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	29.9

Children	67.0
Elderly	28.2
English Speaking	48.4
Foreign-born	46.1
Outdoor Workers	27.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	82.7
Traffic Density	71.5
Traffic Access	54.1
Other Indices	—
Hardship	29.4
Other Decision Support	—
2016 Voting	95.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	12.0
Healthy Places Index Score for Project Location (b)	90.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Building represents controller enclosure.
Construction: Construction Phases	Based on removal of asphalt, excavation for tank storage, and building facilities.
Construction: Off-Road Equipment	Added excavator for tank closure
Construction: Dust From Material Movement	Import and Export for tank burial
Construction: Trips and VMT	Added trips for import and export of soil during demolition phase; added vendor trucks for concrete import for tank vault in demo phase; upped worker trips to 16 and vendor to 2 to account for equipment usage and potential material delivery rather than based on size of building.
Operations: Vehicle Data	Updated to match provided trip generation rates
Operations: Energy Use	Based on default consumption for 28 pumps. Removed natural gas as no natural gas used for project.
Operations: Vehicle EF	Updated to eliminate all but gasoline emission factors.
Operations: Fleet Mix	Based on project specific fleet mix

Appendix L

Alternative 2 CalEEMod Output

Novato Costco - Alternative 2 Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Novato Costco - Alternative 2
Operational Year	2025
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.60
Precipitation (days)	39.6
Location	38.08684474396162, -122.551860163085
County	Marin
City	Novato
Air District	Bay Area AQMD
Air Basin	San Francisco Bay Area
TAZ	909
EDFZ	2
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Pacific Gas & Electric
App Version	2022.1.1.25

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Gasoline/Service Station	20.0	Pump	0.06	125	6,086	0.00	—	—

Parking Lot	1.15	Acre	1.15	0.00	0.00	0.00	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.95	1.87	0.49	7.61	0.01	0.01	1.01	1.02	0.01	0.25	0.26	6.32	1,067	1,074	0.75	0.06	3.92	1,113
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.89	1.81	0.61	8.73	0.01	0.01	1.01	1.02	0.01	0.25	0.26	6.32	1,005	1,012	0.77	0.07	0.10	1,051
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.93	2.85	0.68	7.49	0.01	0.01	0.98	0.99	0.01	0.25	0.25	6.32	1,043	1,049	0.75	0.06	1.69	1,087
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.53	0.52	0.12	1.37	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	1.05	173	174	0.12	0.01	0.28	180

2.5. Operations Emissions by Sector, Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.94	1.86	0.49	7.61	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	1,027	1,027	0.11	0.06	3.92	1,050
Area	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	39.2	39.2	0.01	< 0.005	—	39.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Waste	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Total	1.95	1.87	0.49	7.61	0.01	0.01	1.01	1.02	0.01	0.25	0.26	6.32	1,067	1,074	0.75	0.06	3.92	1,113
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.88	1.79	0.61	8.73	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	965	965	0.13	0.06	0.10	987
Area	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	39.2	39.2	0.01	< 0.005	—	39.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Waste	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Total	1.89	1.81	0.61	8.73	0.01	0.01	1.01	1.02	0.01	0.25	0.26	6.32	1,005	1,012	0.77	0.07	0.10	1,051
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.92	2.84	0.68	7.49	0.01	0.01	0.98	0.99	0.01	0.25	0.25	—	1,003	1,003	0.11	0.05	1.69	1,024
Area	0.01	0.01	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.01	0.01	< 0.005	< 0.005	—	0.01
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	39.2	39.2	0.01	< 0.005	—	39.6
Water	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Waste	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Total	2.93	2.85	0.68	7.49	0.01	0.01	0.98	0.99	0.01	0.25	0.25	6.32	1,043	1,049	0.75	0.06	1.69	1,087
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.53	0.52	0.12	1.37	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	166	166	0.02	0.01	0.28	169
Area	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	6.49	6.49	< 0.005	< 0.005	—	6.55
Water	—	—	—	—	—	—	—	—	—	—	—	0.08	0.18	0.27	0.01	< 0.005	—	0.55
Waste	—	—	—	—	—	—	—	—	—	—	—	0.96	0.00	0.96	0.10	0.00	—	3.36
Total	0.53	0.52	0.12	1.37	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	1.05	173	174	0.12	0.01	0.28	180

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	1.94	1.86	0.49	7.61	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	1,027	1,027	0.11	0.06	3.92	1,050
Total	1.94	1.86	0.49	7.61	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	1,027	1,027	0.11	0.06	3.92	1,050
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	1.88	1.79	0.61	8.73	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	965	965	0.13	0.06	0.10	987
Total	1.88	1.79	0.61	8.73	0.01	0.01	1.01	1.02	0.01	0.25	0.26	—	965	965	0.13	0.06	0.10	987
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	0.53	0.52	0.12	1.37	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	166	166	0.02	0.01	0.28	169
Total	0.53	0.52	0.12	1.37	< 0.005	< 0.005	0.18	0.18	< 0.005	0.05	0.05	—	166	166	0.02	0.01	0.28	169

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7	< 0.005	< 0.005	—	14.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	24.5	24.5	< 0.005	< 0.005	—	24.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	39.2	39.2	0.01	< 0.005	—	39.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	14.7	14.7	< 0.005	< 0.005	—	14.8
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	24.5	24.5	< 0.005	< 0.005	—	24.8
Total	—	—	—	—	—	—	—	—	—	—	—	—	39.2	39.2	0.01	< 0.005	—	39.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	—	2.43	2.43	< 0.005	< 0.005	—	2.45
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	4.06	4.06	< 0.005	< 0.005	—	4.10
Total	—	—	—	—	—	—	—	—	—	—	—	—	6.49	6.49	< 0.005	< 0.005	—	6.55

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	0.00	0.00	0.00	0.00	—	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Total	0.01	0.01	< 0.005	0.01	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	0.02	0.02	< 0.005	< 0.005	—	0.02
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	0.01	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	< 0.005	< 0.005	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landsca Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	< 0.005	< 0.005	< 0.005	< 0.005	—	< 0.005

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.51	1.10	1.61	0.05	< 0.005	—	3.29
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.08	0.18	0.27	0.01	< 0.005	—	0.55

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.08	0.18	0.27	0.01	< 0.005	—	0.55

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	5.81	0.00	5.81	0.58	0.00	—	20.3
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gasoline /Service Station	—	—	—	—	—	—	—	—	—	—	—	0.96	0.00	0.96	0.10	0.00	—	3.36

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	0.96	0.00	0.96	0.10	0.00	—	3.36

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipment Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Equipme Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Vegetation	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.2. Above and Belowground Carbon Accumulation by Land Use Type - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

Criteria Pollutants (lb/day for daily, ton/yr for annual) and GHGs (lb/day for daily, MT/yr for annual)

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year

Gasoline/Service Station	597	155	155	171,821	1,451	1,447	1,447	529,140
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	188	62.5	3,006

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	180

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Gasoline/Service Station	26,251	204	0.0330	0.0040	0.00
Parking Lot	43,882	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Gasoline/Service Station	265,638	50,105
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Gasoline/Service Station	10.8	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type
—	—

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	9.57	annual days of extreme heat
Extreme Precipitation	10.8	annual days with precipitation above 20 mm
Sea Level Rise	0.00	meters of inundation depth
Wildfire	7.46	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	3	0	0	N/A
Sea Level Rise	1	0	0	N/A
Wildfire	1	0	0	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A

Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	3	1	1	3
Sea Level Rise	1	1	1	2
Wildfire	1	1	1	2
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—

AQ-Ozone	11.6
AQ-PM	19.0
AQ-DPM	25.6
Drinking Water	5.55
Lead Risk Housing	56.0
Pesticides	0.00
Toxic Releases	27.8
Traffic	86.3
Effect Indicators	—
CleanUp Sites	29.1
Groundwater	17.2
Haz Waste Facilities/Generators	52.6
Impaired Water Bodies	12.5
Solid Waste	0.00
Sensitive Population	—
Asthma	46.1
Cardio-vascular	35.3
Low Birth Weights	6.79
Socioeconomic Factor Indicators	—
Education	43.4
Housing	43.9
Linguistic	29.5
Poverty	16.6
Unemployment	2.29

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	77.13332478
Employed	94.72603619
Median HI	76.59437957
Education	—
Bachelor's or higher	63.58270243
High school enrollment	100
Preschool enrollment	95.7141024
Transportation	—
Auto Access	55.28037983
Active commuting	62.46631592
Social	—
2-parent households	82.45861671
Voting	96.04773515
Neighborhood	—
Alcohol availability	85.98742461
Park access	81.35506224
Retail density	58.4370589
Supermarket access	43.64172976
Tree canopy	91.63351726
Housing	—
Homeownership	84.11394842
Housing habitability	51.49493135
Low-inc homeowner severe housing cost burden	22.23790581
Low-inc renter severe housing cost burden	14.07673553
Uncrowded housing	56.87155139

Health Outcomes	—
Insured adults	48.22276402
Arthritis	0.0
Asthma ER Admissions	55.1
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	80.6
Cognitively Disabled	64.4
Physically Disabled	71.5
Heart Attack ER Admissions	66.3
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	29.9

Children	67.0
Elderly	28.2
English Speaking	48.4
Foreign-born	46.1
Outdoor Workers	27.3
Climate Change Adaptive Capacity	—
Impervious Surface Cover	82.7
Traffic Density	71.5
Traffic Access	54.1
Other Indices	—
Hardship	29.4
Other Decision Support	—
2016 Voting	95.4

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	12.0
Healthy Places Index Score for Project Location (b)	90.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Building represents controller enclosure.
Construction: Construction Phases	Based on removal of asphalt, excavation for tank storage, and building facilities.
Construction: Off-Road Equipment	Added excavator for tank closure
Construction: Dust From Material Movement	Import and Export for tank burial
Construction: Trips and VMT	Added trips for import and export of soil during demolition phase; added vendor trucks for concrete import for tank vault in demo phase; upped worker trips to 16 and vendor to 2 to account for equipment usage and potential material delivery rather than based on size of building.
Operations: Vehicle Data	Updated to match provided trip generation rates
Operations: Energy Use	Based on default consumption for 28 pumps. Removed natural gas as no natural gas used for project.
Operations: Vehicle EF	Updated to eliminate all but gasoline emission factors.
Operations: Fleet Mix	Based on project specific fleet mix

Appendix M-1

Kittelson Vehicle Miles Traveled Analysis

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TECHNICAL MEMORANDUM

June 3, 2024 Project# 24900

To: Brett Walker, AICP, Senior Planner
City of Novato
922 Machin Avenue
Novato, CA 94945

From: Amy Lopez; Andrew McIntyre

RE: Novato Costco Fuel Station – Project Alternative VMT Analysis

Introduction

Costco Wholesale (Costco) has proposed to construct a 28-fueling-position fuel station at the existing Costco warehouse in Novato, CA (Project). A transportation impact analysis (TIA) report has been prepared for the Project, dated February 2024. An environmental impact report (EIR) is being prepared for the Project, and through that effort a 20-fueling-position fuel station has been identified as the Project Alternative. This memo presents additional transportation analysis of vehicle miles traveled (VMT) for the Project Alternative to inform the EIR.

The Project Alternative would have eight fewer fueling positions than the Project and is not expected to meet the anticipated demand for Costco fuel purchases among members in the Novato area. Queueing and wait times associated with a 20-fueling-position facility are expected to be greater than those at a larger facility that Costco right-sized to meet anticipated demand in the Novato market. Opening a new Costco fuel facility will incentivize members who live closer to the new facility than another Costco facility to shift their existing trips. Because the Project Alternative is eight fueling positions, or 29%, smaller than the Project, some members are expected to wait longer in the queue to purchase fuel, and some members are expected not to shift their gas-purchase trips to Costco due to the inconvenience of longer queues and longer wait times.

Vehicle Miles Traveled (VMT)

Kittelson performed an analysis of VMT to understand the change in regional VMT attributed to the Project Alternative. The methodology includes the following components:

- Change in regional VMT associated with existing members shifting their trips from other Costco facilities to the new facility
- Change in regional VMT associated with existing members shifting their gas trips from other non-Costco facilities to the new facility
- Change in regional VMT associated with employees traveling to and from the new facility

PROPRIETARY DATA

The VMT analysis was conducted using proprietary transaction data provided by Costco Wholesale for the following two existing Costco warehouses with on-site fuel facilities:

- 5901 Redwood Drive, Rohnert Park (Rohnert Park)
- 198 Plaza Drive, Vallejo (Vallejo)

The Rohnert Park fuel facility has 24 fueling positions; the Vallejo location has 16 fueling positions. The data used in this analysis include the following:

- Approximate home locations of Costco members who completed a gas transaction at either of the existing Costco fuel facilities in the Project area in September 2023, grouped into 1-square-mile zones;
- Number of member visits to the existing Costco fuel facilities in September 2023 in each 1-square-mile zone;
- Market areas of the existing Costco warehouses and fuel facilities and projected market area for the new facility.

DAILY TRIP GENERATION

Daily trip generation estimates were developed for the Project Alternative as well as for the two existing Costco fuel facilities. The trip generation estimates were developed using trip data and travel characteristics for Costco fuel facilities in California. Table 1 presents the anticipated daily trip generation for the Project Alternative and the two existing facilities in the region.

Table 1. Daily Trip Generation for Regional Costco Fuel Facilities

Costco Gasoline Fuel Station	Novato Project Alternative	Rohnert Park	Vallejo
Total Daily Trips	**6,187**	**6,276**	**5,996**
Shared Warehouse + Gas Trips	**2,026**	**2,071**	**1,979**
Fuel Station-Only (Gas-Only) Trips	**4,161**	**4,205**	**4,017**
Primary Trips	1,265	1,262	1,205
Employee Trips	*8*	*8*	*8*
Truck Trips	*12*	*12*	*12*
Member Trips	*1,245*	*1,242*	*1,185*
Diverted Gas-Only Trips	1,405	1,430	1,366
Pass-by Gas-Only Trips	1,491	1,513	1,446

Source: Kittelson & Associates, Inc., 2024

All Costco member Project Alternative trips included in this analysis are assumed to be existing trips on the network. Due to the nature of gas purchases, members who would purchase fuel at the new Costco fuel facility are already purchasing gas somewhere today. Therefore, this analysis determines the change in regional VMT by calculating the difference between trip lengths associated with traveling to the new Costco fuel station versus traveling to an existing fuel station. Each trip type is described briefly below, including an explanation of how this analysis accounts for VMT associated with each type.

- **Shared Warehouse + Gas Trips** – A portion of the trips anticipated at the new fuel facility will be shared trips with the warehouse. These trips are assumed to already take place on the network – either as existing warehouse + gas trips at other Costco facilities or as two separate trips members take to shop at the Novato warehouse and to purchase gas elsewhere. The VMT for these trips is calculated by multiplying a portion of the shared warehouse + gas trips by an average trip distance associated with trips shifting from other Costco facilities, and multiplying a portion of the shared warehouse + gas trips by an average trip distance for trips shifting from other fuel stations.

- **Employee Trips** – Employee trips are evaluated separately from Costco member trips because average trip lengths for employees may differ from member trips. VMT is calculated by multiplying the expected number of daily employee shifts with an average VMT per employee, as provided by the Transportation Authority of Marin's (TAM) VMT webmap.[1]

- **Truck Trips** – Based on Section 15064.3 of the *Technical Advisory on Evaluating Transportation Impacts in CEQA* from the California Office of Planning and Research[2] (OPR), the VMT associated with trucks and the movement of goods is not required to be analyzed for potential transportation impacts. Therefore, truck trips are excluded from this analysis.

- **Primary Gas-Only Trips** – Primary gas-only trips (vehicles traveling to the site for the sole purpose of visiting the fuel facility) are assumed to be trips that already exist on the network today that will shift to the new Costco fuel facility. The difference in VMT associated with shifting these trips to the new facility is calculated based on the anticipated change in average trip lengths.

- **Diverted Gas-Only Trips** – Diverted gas-only trips (vehicles making an existing trip on the roadway that travel out-of-direction to visit the site) are assumed to be existing trips shifted from existing non-Costco gas stations near the Project site. The difference in VMT associated with shifting these trips to the new facility is calculated based on the anticipated change in average trip length.

- **Pass-by Gas-Only Trips** – Pass-by trips (vehicles making an existing trip on the adjacent roadway that stop at the site and then continue on their trip) are typically excluded from VMT calculations since pass-by trip lengths are assumed to be zero. Because the Project site is located at the far end a shopping center and thereby is offset from the arterial network, pass-by trip lengths for the Project

[1] https://www.tam.ca.gov/travel-demand-model-traffic-monitoring/#vmtwebmap

[2] https://opr.ca.gov/docs/20190122-743_Technical_Advisory.pdf

Alternative are assumed to be trips made by people already at the shopping center, are assumed to be slightly greater than zero, and are included in the VMT calculations.

The OPR *Technical Advisory on Evaluating Transportation Impacts in CEQA* states:

> "Generally, lead agencies should analyze the effects of a retail project by assessing the change in total VMT because retail projects typically re-route travel from other retail destinations. A retail project might lead to increases or decreases in VMT, depending on previously existing retail travel patterns. … Because new retail development typically redistributes shopping trips rather than creating new trips, estimating the total change in VMT (i.e., the difference in total VMT in the area affected with and without the project) is the best way to analyze a retail project's transportation impacts."

SHIFTING REGIONAL (COSTCO) TRIPS – SHARED WAREHOUSE + GAS TRIPS

The addition of a new Costco fuel facility provides another option for where Costco members would buy gas and therefore results in lower average trip lengths for some members within the Novato Costco market area. This section presents the change in VMT associated with existing regional trips that are expected to shift to the new Costco fuel facility given its closer proximity than other Costco fuel facilities in the region.

A portion of the trips at the new Costco fuel facility are expected to be made by members who currently visit other regional Costco facilities and who will find the new facility more convenient due to a shorter travel time. They are expected to replace their existing trip with a trip to the new facility. This analysis assumes that 100% of these regionally shifted trips will be shared warehouse + gas trips – members who currently make shared trips to shop at the warehouse and get gas at Costco locations in Vallejo or Rohnert Park but for whom travel to the Novato location would be a shorter travel time and therefore are expected to shift these shared trips to the new location. These trips are also assumed to be 100% primary trips since existing shared pass-by and diverted trips to the other Costco locations would not be influenced by the opening of a new fuel facility in another city.

Because the Project Alternative is eight fueling positions, or 29%, smaller than the Project, members are expected to wait longer in the queue to purchase fuel, and some members are expected not to shift their existing gas-purchase trips to Costco due to the inconvenience of longer queues and longer wait times. The VMT analysis of the Project Alternative takes these effects of a smaller facility into account both through the trip generation (fewer daily trips to the Project Alternative than to the Project) and through the portion of existing longer distance trips for which the travel time savings of shifting from Vallejo or Rohnert Park would be negated by longer wait times at the fuel station. To account for this expected phenomenon, the Project Alternative VMT analysis assumes that only members whose travel time to the new facility is 5 or more minutes shorter than their current travel time to Vallejo or Rohnert Park will shift their existing trip to the new facility. This assumption influences the average travel distance for shared warehouse + gas trips, resulting in an shorter average distance for the Project Alternative analysis than for the Project.

Existing gas-only trips made at the Vallejo and Rohnert Park Costco locations are not expected to shift to Novato since trips made strictly for the purpose of buying gas tend to be shorter than trips to shop at the warehouse and buy gas. It is assumed that gas-only trips made at Vallejo or Rohnert Park by members from Novato are trips made while those members are in those cities for other purposes. The new warehouse is located approximately 20 to 30 minutes from the two existing Costco facilities. Ten-minute "travel sheds" shown in Figure 1 are the areas from which a member could travel to/from each site within 10 minutes. As shown in the figure, the ten-minute travel sheds for the three Costco locations do not overlap, indicating that members who live within each travel shed would make home-based, or primary, gas-only trips to their local Costco and not to another Costco in the region.

The full proprietary transactions dataset includes transactions made by members who only bought gas during their visit to the Vallejo and Rohnert Park Costcos as well as gas transactions made by members who both shopped at the warehouse and bought gas during a visit to one of those Costcos. Since this analysis only considers primary shared warehouse + gas trips, a subset of the full dataset was isolated to estimate the existing primary trips made by members who go to the site to shop at a warehouse and also buy gas in a single trip. The spatial distribution of this dataset shows a greater portion of these trips are longer distance trips (compared to all gas transactions) since gas-only and pass-by and diverted trips, which are shorter trips, are not material to this analysis.

To measure the extent to which existing warehouse + gas trip lengths are reduced by Costco members replacing their existing Costco warehouse + gas trips with visits to the new facility, ArcGIS Online software was used to calculate average trip distances to the two existing Costco facilities and the new facility for two scenarios: without the Novato fuel facility and with it. The software routed member trips from each 1-square-mile zone to the existing Costco facility the member visited, according to the proprietary transaction data from September 2023. The same methodology was then applied assuming the presence of the new Novato facility and assuming members would visit the facility with the shortest travel time from their homes. The following provides more details regarding the methodology and assumptions of this analysis:

- The center of each 1-square-mile zone was used for the starting/ending point of member trips.
- Proprietary Costco data were used to estimate the number of existing primary shared warehouse + gas transactions at the two existing facilities between September 1, 2023 and September 30, 2023 by members who live within the combined market areas of the three existing warehouses.
- Each transaction is assumed to correspond to two one-way trips between the members' homes and the fuel facility (i.e., one roundtrip).
- To calculate the **average trip lengths to the two existing Costco fuel facilities**, trip distances between each 1-square-mile zone and the two existing facilities were computed using ArcGIS online software.
    - Trip routes were identified based on minimum travel time on the existing roadway network (as opposed to shortest distance since shorter distances along low-speed streets can result in longer travel times) and measured.
    - The trip distances were multiplied by the number of shared warehouse + gas trips made at each location by members within each 1-square-mile zone and summed to calculate the total of one-way distances traveled to each facility.

- The total of one-way distances traveled was divided by the average daily trips to the given facility to compute the weighted average one-way trip length for each facility. Table 2 presents these average existing trip lengths for each facility.

- To calculate the **average trip lengths to the three fuel facilities when the new facility opens**, origin-destination pairings were revised using the ArcGIS online software.
  - To determine which members would shift their trips from an existing Costco fuel facility to the new one, it was assumed that if the travel time from a 1-square mile zone to the new facility was five or more minutes shorter than the travel time to either of the existing facilities, all members within that zone would choose to buy gas at the new facility once it opens. In essence, members would shift from Vallejo and Rohnert Park to the Project Alternative in Novato if they would save five or more minutes in travel time. This assumption differs from the VMT anlaysis of the Project in that the Project VMT anlaysis assumed any travel time savings whatsoever would motivate members to shift their trip. The assumption that the travel time savings must be at least five minutes accounts for members waiting longer upon arrival at the Project Alternative due to longer queues and longer wait times.
  - For zones that are closer by travel time to Vallejo or Rohnert Park, no shift was made, and trips by members in those zones were assumed to continue to be made to the existing facilities after the Novato location opens.

Table 2. Average Shared Warehouse + Gas Trip Lengths (Existing and with Project Alternative)

	Existing			With Project Alternative		
Facility	Average Daily Transactions	Total Distance (One-Way)	Average Trip Length (One-Way)	Average Daily Transactions	Total Distance (One-Way)	Average Trip Length (One-Way)
Rohnert Park	658	7,346	11.2	600	5,780	9.6
Vallejo	603	4,010	6.6	592	3,682	6.2
Novato (New Facility)	0	0	0	69	644	9.3

Source: Kittelson & Associates, 2024

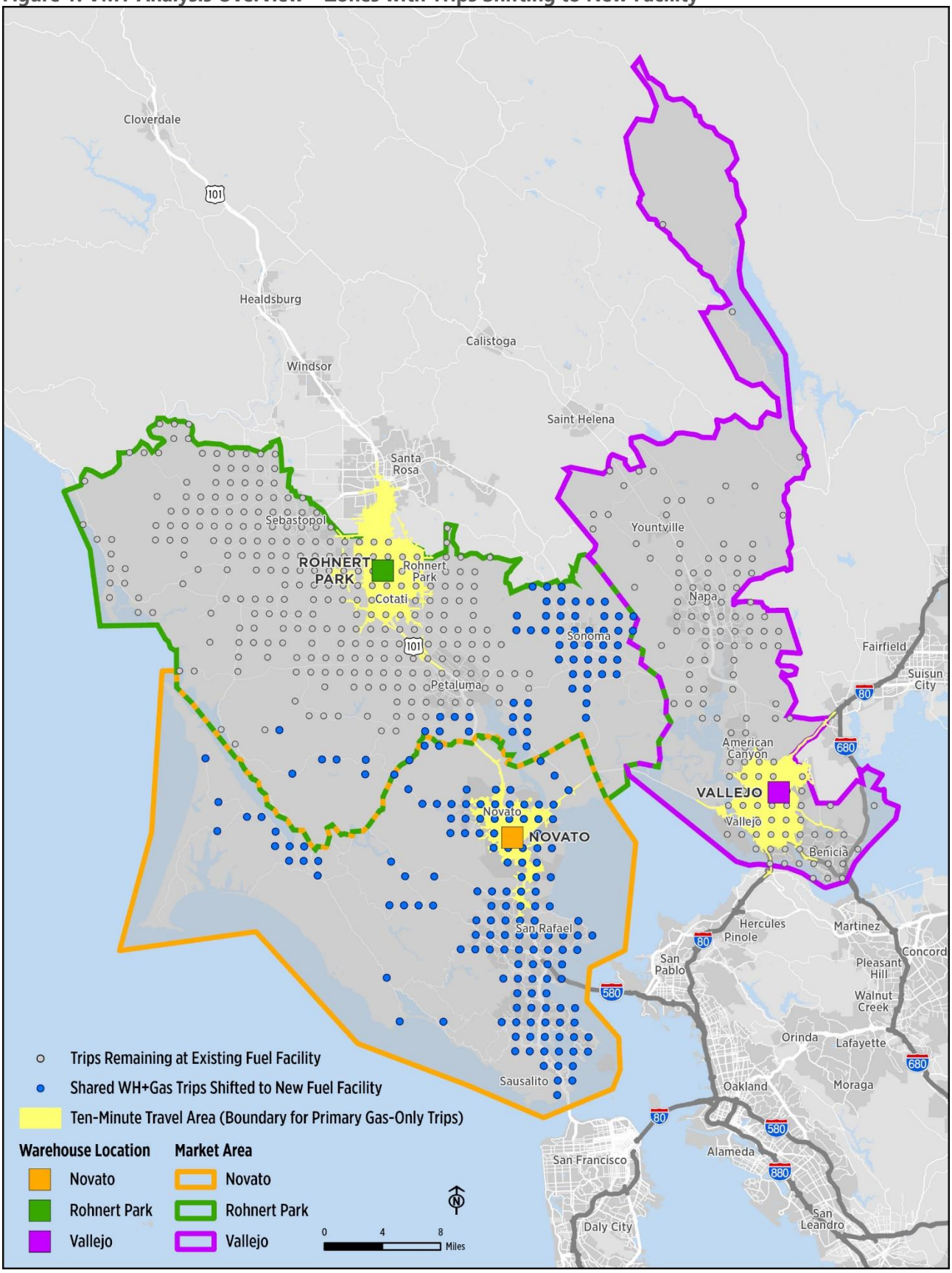
Figure 1 shows the 1-square-mile zones for Costco members in the region whose warehouse + gas trips are assumed to shift from an existing Costco fuel facility to the new one in Novato. Table 2 presents average trip lengths for shared warehouse + gas trips today and with the new fuel facility. The existing average daily transactions data in Table 2 are the number of shared warehouse + gas transactions at the existing facilities. Some of these transactions would shift to the new facility, and the data were used to establish proportions for transactions that would shift to Novato and those that would remain at Rohnert Park and Vallejo. These proportions were applied to the trip generation amounts in Table 14 to estimate the portion of warehouse + gas trips in the region that are expected to shift to Novato. Table 3 presents the expected change in regional VMT associated with shifting regional shared warehouse + gas trips from existing Costcos.

Table 3. Change in VMT Associated with Shifting Primary Warehouse + Gas Trips

	Existing			With Project Alternative		
	Average Trip Length	Daily Trips	Daily VMT	Average Trip Length	Daily Trips	Daily VMT
Rohnert Park	11.2	2,071	23,195	9.6	1,885	18,096
Vallejo	6.6	1,979	13,061	6.2	1,939	12,022
Novato (New Facility)	0	0	0	9.3	226	2,102
Total	-	4,050	**36,256**	-	4,050	**32,220**
Difference in Daily VMT (Future Minus Existing)						**(4,036)**

Source: Kittelson & Associates, 2024

Figure 1. VMT Analysis Overview – Zones with Trips Shifting to New Facility



SHIFTING LOCAL (NON-COSTCO) TRIPS

The remainder of member trips not accounted for in the previous section are expected to be trips that exist on the roadway network today that would shift from other non-Costco gas stations in the Novato area to the new Costco fuel facility. These trips include the entirety of the Project Alternative gas-only trips and a portion of the Project Alternative warehouse + gas trips. This section provides details regarding changes to regional VMT associated with shifting different types of trips from non-Costco gas stations to the new Costco fuel facility.

Primary Gas-Only Member Trips

Of the 4,161 gas-only trips expected to be generated at the new fuel facility, 1,245 trips are expected to be primary gas-only trips that already exist on the transportation network today going to and from other non-Costco gas stations. To determine how regional VMT may change when these trips shift to the new Costco facility, average trip distances between member households and both the new Costco fuel facility as well as to non-Costco gas stations were estimated. The following provides more detail regarding the methodology and assumptions of this analysis:

- Only members whose home addresses are within about a 10-minute drive of the new Costco fuel facility in Novato were considered in this part of the analysis. While gas purchases are known in the transportation engineering industry to be purchases and trips of convenience, making 10 minutes seem like a long time to drive just to buy gas, this 10-minute assumption is derived from the observed willingness many Costco members have to spend more time to access the value Costco offers at its fuel stations than the willingness people generally show to drive to make a gas purchase of convenience. For example, data Kittelson has collected at dozens of Costco fuel facilities show Costco members will wait 10, 15, even 20 minutes to buy gas at Costco, demonstrating their willingness to spend time for the value of Costco gas. See Figure 1 for the area of the travel shed.
- Based on the 10-minute travel time shed and assuming a generally even distribution of member households within that shed, an average travel time of 5 minutes was used for Costco fuel facility trips. An average travel time of 2.5 minutes, correlating to a 5-minute travel shed, was used for non-Costco gas station trips since these trips are known in the industry to be more influenced by convenience than Costco gas trips are.
- Using Costco member household location data and the GIS analysis methods described in the previous section, an average speed of 30 miles per hour was estimated for trips between member households with the 10-minute travel shed and the new Costco fuel facility. An average speed of 20 miles per hour was used for non-Costco gas trips since a smaller portion of these trips take place on high-speed roadways; this assumption also ensures a conservative analysis. Average speed takes into consideration time spent while vehicles are moving at or around the speed limit as well as time spent slowing or stopped at intersections.

Based on this analysis, the computed average trip distance from members' homes to the nearest non-Costco gas station is approximately 0.83 miles and the average trip distance to the new Costco fuel facility is 2.5 miles. As shown in Table 4, the existing VMT associated with the 1,245 primary gas-only trips to non-Costco gas stations is estimated to be 1,038 miles. If all these trips were shifted to the new Costco facility, VMT for these trips would become 3,113 miles, which represents an increase in daily regional VMT of 2,075 miles.

Table 4. Change in VMT Associated with Shifting Non-Costco Primary Gas-Only Trips

	Existing	With Project Alternative	Difference
Number of Trips	1,245	1,245	-
Average Trip Length (miles)	0.83	2.5	1.67
Daily VMT	1,038	3,113	**2,075**

Source: Kittelson & Associates, Inc., 2024

Diverted Gas-Only Member Trips

Diverted trips are trips associated with members who are traveling on the surrounding street network for some other primary purpose and stop by the fuel facility during that trip. Diverted trips for the Project Alternative are likely to originate from US-101. For the purpose of this analysis, half of the diverted trips were assumed to be traveling northbound on US-101 and half traveling southbound.

To calculate the change in regional VMT associated with diverted gas-only trips, diverted trip distances were first calculated for members diverting from their primary trip to visit existing non-Costco gas stations in the vicinity of the Costco site.[3] Then, diverted trip distances were calculated from the same point of diversion to the Novato fuel facility. The total number of diverted trips are then multiplied by the distance between non-Costco gas stations and by the distance to the new Costco facility to calculate existing and with-Project-Alternative VMT for each diversion route.

Table 5 presents the findings of this analysis. As shown in the table, there is a difference between the average diverted trip distance for the non-Costco gas stations and the new Costco fuel facility, resulting in an increase in daily regional VMT of 1,447 miles.

Table 5. Change in VMT Associated with Shifting Non-Costco Diverted Gas-Only Member Trips

	Diverted Trip Distance (mi.)			Number of Daily Diverted Trips	Daily VMT
	US-101 NB	US-101 SB	Average		
Non-Costco Gas Stations (Existing)	0.64	0.80	0.72	1,405	1,012
Novato Fuel Facility (With Project Alternative)	1.4	2.1	1.75	1,405	2,459
Change in Daily VMT					**1,447**

Source: Kittelson & Associates, 2024

[3] Chevron (22 Rowland Way); Matt and Jeff's Gasoline (125 Vintage Way); Shell (1390 S Novato Blvd); 76 (375 Ignacio Blvd); Shell (5821 Nave Dr)

Pass-by Gas-Only Member Trips

Typically, VMT associated with pass-by trips is assumed to be zero since pass-by trips are existing trips on the network that require no out-of-direction travel. However, since the Project site is located more than half a mile south of Rowland Boulevard and is located within a shopping center, this analysis treats pass-by trips as trips originating somewhere within the shopping center, and it assumes an out-of-direction travel distance in the VMT calculations. These new Project Alternative pass-by trips are assumed to replace existing pass-by trips at other nearby non-Costco gas stations. The pass-by trip distance associated with the existing trips to non-Costco gas stations is assumed to be zero. Table 6 provides the increase in daily regional VMT expected due to pass-by trips to the Project Alternative.

Table 6. Change in VMT Associated with Shifting Non-Costco Pass-By Gas-Only Trips

	Existing	With Project Alternative	Difference
Number of Trips	1,491	1,491	-
Average Trip Length (miles)	0	0.3	0.3
Daily VMT	0	447	**447**

Source: Kittelson & Associates, 2024

Shared (Internal) Warehouse + Gas Trips

As described previously in the Shifting Regional (Costco) Trips section, a portion of the trips anticipated at the new fuel facility would be shared trips with the warehouse, when members shop at the warehouse and also buy gas during a single visit to the Costco site. Although they account for a trip to both the warehouse and the fuel facility, these trips to the site are already on the street network today since members are already making trips to the warehouse. A portion of these warehouse + gas trips are assumed to be existing trips shifted from other Costco sites (as described in the previous section). The remainder of these internal trips are anticipated to replace existing trips to non-Costco gas station in the area, eliminating these separate trips from the street network and the VMT associated with them.

To calculate the change in VMT associated with this trip type, it was assumed that Costco members making a new internal trip to the fuel facility were previously making the same proportion of trip types as the data show for daily trips (i.e., the same percentage of gas-only diverted, pass-by, and primary trips relative to total gas-only trips). It was also assumed that these members were making these separate gas trips as a matter of convenience. Therefore, the average trip lengths calculated to these non-Costco facilities in the previous sections (see Table 4 and Table 5) were used here to estimate VMT.

As shown in Table 7, replacing these existing non-Costco gas trips with shared warehouse + gas trips will reduce daily regional VMT by approximately 814 miles.

Table 7. Change in VMT Associated with Shared Warehouse + Fuel Facility Member Trips

Trip Type	Number of Daily Trips	Existing (Separate Gas Trip)		With Project Alternative (Shared WH + Gas Trip)		Change in Daily VMT
		Average Trip Distance	Daily VMT	Average Trip Distance	Daily VMT	
Primary	382	0.83	318	0	0	-318
Diverted	689	0.72	496	0	0	-496
Pass-by	729	0	0	0	0	0
Total	1,800[1]	-	**814**	0	**0**	**-814**

Source: Kittelson & Associates, 2024

[1] 2,026 total internal trips – 226 expected to shift from other Costco facilities; 1,800 remaining trips expected to shift from non-Costco gas stations.

All Shifting Local (Non-Costco) Trips

The total change in VMT associated with shifting local (non-Costco) trips is calculated in Table 8.

Table 8. Change in VMT Associated with all Shifting Local (non-Costco) Trips

Member Trip Type	Existing Daily VMT	With Project Alternative Daily VMT	Change in Regional Daily VMT
Shifting Non-Costco Primary Gas-Only	1,038	3,113	2,075
Shifting Non-Costco Diverted Gas-Only	1,012	2,459	1,447
Shifting Non-Costco Pass-by Gas-Only	0	447	447
Shared Warehouse + Fuel Facility	814	0	-814
Total VMT	2,864	6,019	**3,155**

Source: Kittelson & Associates, 2024

EMPLOYEE TRIPS

The Project Alternative is expected to require two employees on site to operate the facility. With two shifts occurring daily, these four employees are expected to make eight daily trips. The VMT associated with these eight trips was estimated to be about 83 miles using an average VMT per employee of 20.7, which is the Marin County average VMT per employee by the Transportation Authority of Marin Demand Model (TAMDM) VMT webmap.[4] The VMT per employee value used in this analysis reflects the Marin County

[4] https://www.tam.ca.gov/travel-demand-model-traffic-monitoring/#vmtwebmap

average in 2015 (20.7); this was used to ensure a conservative analysis, as the 2040 average provided is 19.6.

OVERALL CHANGE IN REGIONAL DAILY VMT

Table 9 presents the change in regional daily VMT associated with the opening of the proposed new Costco fuel facility at the existing Novato Costco warehouse. The change in total regional daily VMT is calculated by comparing the existing VMT by Costco members in the region and VMT by members and employees after the new facility is opened. As presented in the table, the change in total regional daily VMT associated with the Project Alternative is estimated to be a net decrease of 798 miles.

Table 9. Change in Regional Daily VMT Associated with Project Alternative

Trip Type	Existing VMT	With Project Alternative VMT	Change in Regional Daily VMT
Shifting Regional Trips (Existing Costco Trips)	36,256	32,220	-4,036
Shifting Local Trips (Existing Non-Costco Trips)	2,864	6,019	3,155
Employee Trips	0	83	83
Total VMT	**39,120**	**38,322**	**-798**

Source: Kittelson & Associates, 2024

Appendix M-2

Trans Peer Review

June 10, 2024

Mr. Brett Walker, AICP
City of Novato
922 Machin Avenue
Novato, CA 94945

Peer Review of the Novato Costco Fuel Station Project Alternative VMT Analysis

Dear Mr. Walker;

As requested, W-Trans has completed a peer review of the *Novato Costco Fuel Station – Project Alternative VMT Analysis*, June 2024, prepared by Kittelson & Associates (Technical Memorandum). The memorandum contains a quantitative VMT analysis for an alternative to the project that will be assessed in the project's environmental impact report. The project alternative consists of a 20-fueling position station, in contrast to the 28-fueling position station that is proposed by the applicant.

The approach used by Kittelson & Associates to quantify the project alternative's VMT is consistent with the approach used in the assessment of the project, as contained in the *Transportation Impact Analysis: Costco Fuel Station Addition*, February 2024. Both VMT analyses quantify potential changes to regional VMT in three primary categories: changes related to Costco members shifting their trip from a different Costco fuel facility to the Novato facility, changes related to Costco members shifting their fuel purchases from a non-Costco gas station to the Novato facility, and changes associated with fuel station employees traveling to the Novato facility.

As indicated in the Technical Memorandum, the project alternative is smaller than the proposed project and would generate fewer daily trips; reducing daily trips in turn reduces VMT. The approach applied in the Technical Memorandum also accounts for longer wait times at the Novato facility with the project alternative versus the project given the availability of fewer fueling positions. Longer wait times at Novato make it less appealing for "warehouse plus gas" customers currently visiting the Rohnert Park or Vallejo facilities to divert to the new station. The analysis outlined in the Technical Memorandum assumes that Rohnert Park and Vallejo warehouse plus gas customers would only divert to Novato if their travel time would be five or more minutes shorter than it currently is. The premise that Novato wait times would be longer with a smaller station, with fewer existing warehouse plus gas customers of other facilities diverting to the new Novato station, appears to be a reasonable assumption. These effects, combined with the effects of fewer overall daily trips generated, ultimately result in the project alternative reducing regional VMT by slightly more than was estimated to occur with the proposed project.

Because the project alternative would be expected to cause a slight reduction in regional VMT, it would be considered to have a less-than-significant VMT impact. This is the same conclusion reached for the proposed project. W-Trans finds the quantitative VMT analysis performed for the project alternative to rely on reasonable methodologies that are consistent with those applied in the proposed project's VMT analysis and sufficient to support a less-than-significant VMT impact determination.

Thank you for giving W-Trans the opportunity to provide these services. Please call if you have any questions.

Sincerely,

Zachary Matley, AICP
Principal

JZM/jzm/NOV142-2.L2